



191 Miller Road, Chester Hill, NSW

LogiSPACE

Data Gap Investigation

JBS&G 70509 | 171,715 Rev 1

11 December 2025





We acknowledge the Traditional Custodians of Country throughout Australia and their connections to land, sea and community.

We pay respect to Elders past and present and in the spirit of reconciliation, we commit to working together for our shared future.

Caring for Country The Journey of JBS&G
Artist: Patrick Caruso, Eastern Arrernte

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Abbreviations

Term	Definition
AFFF	Aqueous film forming foam
bgs	below ground surface
CFM	Chloroform
cis-1,2-DCE	cis-1,2-dichloroethene
CHC	Chlorinated Hydrocarbons
CLM Act	Contaminated Lands Management Act 1997
COPC	Constituent of Potential Concern
CSM	Conceptual site model
CTC	Carbon tetrachloride
1,2-DCA	1,2-dichloroethane
DCM	Methylene chloride
DNAPL	Dense non-aqueous phase liquid
DO	Dissolved oxygen
DQIs	Data Quality Indicators
EDC	Ethylene dichloride
Eh	redox potential
ESA	Environmental Site Assessment
LNAPL	Light Non-Aqueous Phase Liquid
MAHs	Monocyclic aromatic hydrocarbons
NSW DPE	Department of Planning and Environment
NSW EPA	NSW Environment Protection Authority
PCE	Tetrachloroethene
PFAS	Per- and poly-fluoroalkyl substances
PAHs	Polycyclic aromatic hydrocarbons
RAP	Remedial Action Plan
SAQP	Sampling, Analysis and Quality Plan
SVOC	Semi volatile organic compounds
1,1,1-TCA	1,1,1-trichloroethane
1,1,2-TCA	1,1,2-trichloroethane
TDS	Total dissolved solids
TRH	Total recoverable hydrocarbons
TCE	Trichloroethene
trans-1,2-DCE	trans-1,2-dichloroethene
US EPA RSL	US EPA Region 9 Regional Screening Levels
VC	Vinyl chloride
VOCs	Volatile organic compounds
VMP	Voluntary Management Proposal

Executive Summary

JBS&G Australia Pty Ltd (JBS&G) was engaged by MREP VILLAWOOD PTY LIMITED ATF MREP VILLAWOOD TRUST and Evolution Trustees Limited ATF LAM1 Prop Trust. (the client) to complete a data gap investigation (DGI) for the property located at 191 Miller Road, Chester Hill NSW (the site). The site comprises of an approximately 6.4 Hectare (Ha) parcel of land and is legally identified as Lot 82 in Deposited Plan (DP) 1282378. The site location and extent are shown in **Figure 1**.

The objectives of the DGI were to collate all historical data and address key data gaps with additional targeted investigations to allow for the preparation a refined Conceptual Site Model (CSM) as specific to the proposed redevelopment of the site for a warehouse logistics estate. The CSM will ultimately inform the required remediation at the site in order to make the site suitable for the proposed use, which will be detailed in an addendum Remedial Action Plan (RAP).

Based on the findings of this investigation and subject to the limitations presented in **Section 14**, JBS&G concludes the following:

- A groundwater investigation was completed in order to delineate the extent of chlorinated hydrocarbon (CHC) impacts in shallow groundwater and the corresponding risks to site receptors. A substantial network of additional monitoring wells targeting the shallow aquifer were installed systematically both on-site and at key downgradient locations along Miller Road. The monitoring well network substantially delineated the extent of CHC impacts from the areas of greatest impact (south-western portion of the site) to largely non-detect levels at off-site locations.

Based on the low hydraulic conductivity (7.54 cm/day) of shallow groundwater at the site, advanced age of plume (likely > 50 years following Orica's operations on site) and evidence of contaminant breakdown (vinyl chloride and cis,1-2-DCE reported at significant fraction of CHCs) on the down-gradient boundary of the site as reported herein, the CHC plume is considered immobile.

The CHC impacts in shallow groundwater are not significantly contributing to soil vapour impacts (i.e. CHCs reported in soil vapour appear primarily sourced from the vadose zone) and therefore site groundwater will not be the key remediation focus for removing any potentially unacceptable health risks via vapour intrusion into future buildings. Moreover, based on the results of groundwater sampling along Miller Road and surface water sampling within Byrnes Creek, CHCs are not discharging from the site at levels which would pose an unacceptable health risk (via recreational exposures) or ecological receptors within Byrnes Creek and the Georges River. Trace levels of cis,1-2-DCE (0.004 mg/L) and TCE (0.004 mg/L) were reported at two locations (MW20-MW21) where additional assessment will be required to determine if any management is required to address potential inhalation risks for maintenance (completing excavation works) workers on Miller Road.

- A comprehensive soil vapor dataset now encompasses the southwestern portion of the site, where significant CHC impacts were previously documented in soil vapor during historical investigations. Based on the reported concentrations of key constituents (refer to Figures 4b–4e), the spatial distribution of impacts in this area appears sufficiently delineated to inform the extent of required remediation. The source of CHC impacts within the south-western portion is potentially associated with historical releases to the stormwater pits / pipes (refer to Figure 2b) in this area and therefore its removal will require consideration in the addendum RAP to address potential on-going source materials.
- A single round of discrete HGG monitoring was completed herein and the reported conditions were consistent with 'very low risk' and 'low risk conditions' as defined in EPA (2020). Further monitoring is required (including under 'worst-case' meteorological conditions to confirm these preliminary findings prior to future remediation works. Should these conditions be confirmed, then it is unlikely that future buildings will require gas mitigation controls to be installed. Notwithstanding, it is recommended (and

required to address geotechnical constraints) that organic matter within stockpiled soils (SP01 and SP02) are screened to remove a source of methane and reduce any associated risks prior to retaining (if appropriate) the materials.

- It is recommended that a human health risk assessment (HHRA) be prepared that considers potential site redevelopment scenarios (including likely building design to allow for consideration of less conservative criteria) and to define impacts that would pose a risk under a future development layout, such that an extent of remediation at the site can be defined; and
- Following completion of the HHRA the remedial requirements should be detailed in an addendum RAP that provides an appropriate framework for addressing the identified issues. The addendum RAP will further be required to detail how any remaining data gaps (listed in **Section 11.2**) will be addressed as part of future remediation / development works.

1. Introduction

JBS&G Australia Pty Ltd (JBS&G) was engaged by MREP VILLAWOOD PTY LIMITED ATF MREP VILLAWOOD TRUST and Evolution Trustees Limited ATF LAM1 Prop Trust. (the client) to complete a data gap investigation (DGI) for the property located at 191 Miller Road, Chester Hill NSW (the site). The site comprises of an approximately 6.4 Hectare (Ha) parcel of land and is legally identified as Lot 82 in Deposited Plan (DP) 1282378. The site location and extent are shown in **Figure 1**.

The site has a long and complex history including its use for manufacturing of fertilizers, metal fabrication, materials importation and NSW Environmental Protection Authority (EPA) involvement regarding site contamination.

Previous environmental investigations have been completed at the site, as detailed in **Section 3**, including a detailed site investigation (DSI) (JBS&G 2021a)¹. Soil, groundwater and soil-vapour at the site are impacted to varying degrees with contaminants of potential concern (COPCs) including asbestos as asbestos fines/friable asbestos (AF/FA) and asbestos containing material (ACM) and volatile chlorinated hydrocarbons (CHCs).

The site has been declared as Significantly Contaminated by the NSW EPA under the Contaminated Land Management Act 1997. The basis of the declaration is contamination of soil vapour and groundwater below the site with CHCs including trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), 1,1- dichloroethene (1,1-DCE), 1,1-dichloroethane (DCA) and vinyl chloride (VC). Contaminated groundwater is further reported to be migrating off-site towards Miller Road. The sources of CHC impacts are identified by the EPA as former solvent drum storage, former wash down bays and “the dome tank”.

The site is now proposed to be redeveloped for commercial/industrial land use as a warehouse logistics estate. A Remedial Action Plan (RAP) (JBS&G 2021c)² was previously prepared that presented a framework for addressing the identified contamination on the site and adjoining property of 149 Orchard Road Chester Hill in order to make the site (and adjoining property) suitable for commercial / industrial use. The RAP included a requirement for a data gap investigation (DGI) to allow the final extent of remediation to be defined in an addendum RAP.

The addendum RAP will be used as supporting documentation for a Development Application (DA) seeking consent for the redevelopment of the site for a warehouse logistics estate.

This DGI assessment was conducted in accordance with NEPC (2013)³ and guidelines made or approved by the NSW EPA and relevant Australian Standards.

1.1 Objectives

The objectives of the DGI are to collate all historical data and address key data gaps to allow the preparation of a refined Conceptual Site Model (CSM) specific to the proposed redevelopment. The CSM will ultimately inform remediation requirements for the site to make it suitable for the proposed use. The remediation works will be detailed in an addendum RAP.

1.2 Scope of Work

The following scope of works were undertaken:

¹ *Detailed Site Investigation – 191 Miller Road Chester Hill NSW, 6 April 2021, 59369/136408 Rev 0 (JBS&G 2021a)*

² *Remedial Action Plan – 191 Miller Road and 149 Orchard Road Chester Hill NSW, 14 September 2021, 59369/140591 Rev 0 (JBS&G 2021c)*

³ *National Environmental Protection (Assessment of Site Contamination) Measure 2013*. National Environment Protection Council, 2013 (NEPC 2013).

- A desktop review of site history and background information, to identify potential areas of environmental concern (AECs) and associated contaminants of potential concern (COPCs), including;
 - Review of previous investigations completed at the site as made available by the client; and
 - Review of the environmental setting of the site and surrounding areas, including topography, geology and hydrogeology.
- A detailed inspection of the site to confirm the desktop findings and identify the presence of additional AECs;
- A targeted soil vapour investigation to provide further delineation of CHC impacts in the unsaturated zone;
- A groundwater investigation comprising the installation and subsequent sampling of 22 monitoring wells to delineate the extent of CHC impacts in shallow groundwater on-site and at downgradient locations along Miller Road;
- Surface water sampling within the concrete drainage line ('Byrnes Creek Channel') downgradient of the site to assess potential risks to downgradient receptors from identified CHC impacts in shallow groundwater;
- A preliminary hazardous ground gas assessment within the available monitoring wells (screened over unsaturated soil horizons) on-site;
- Laboratory analysis program for representative samples collected from various media, with subsequent data evaluation against NSW EPA or other regulatory endorsed guideline values;
- Development and documentation of a CSM based on all the available information; and
- Preparation of this DGI report in accordance with relevant EPA guidelines.

1.3 Previous Assessments

A range of previous assessments have been completed for the site. Background information has been sourced from these documents and is summarised throughout this report. A substantial dataset of soil, surface water and groundwater data has also been collected across these investigations. Previous sample locations are shown on **Figures 3-5**. Previous reports relied upon in preparing this data include:

- *Site Management Plan – 191 Miller Road, Chester Hill NSW*, 22 August 2002, HLA-Enviroscience Pty Limited (HLA 2002)
- *Summary Site Audit Report (SSAR 2002/13) – 191 Miller Road, Chester Hill*, August 2002, CH2M HILL (CH2M 2002)
- *Auditor Review of Groundwater Monitoring Report – 191 Miller Road, Chester Hill*, 2004, CH2M HILL (CH2M 2004)
- *Material Classification – 191 Miller Street, Chester Hill, NSW*, 30 May 2007, Ref: JBS 40299-11573, JBS (JBS 2007a);
- *Supplementary Contamination Assessment - 191 Miller Road, Chester Hill*, October 2007, Ref: JBS 40414 – 11915, JBS (JBS 2007b);
- *Lease Baseline Contamination Assessment – Part Lot 8 DP1039882, 191 Miller Road, Chester Hill, NSW*, 9 December 2008, Ref: JBS 40705 – 12797, JBS (JBS 2008);
- *Characterisation of Excavated Material for Disposal – Part 191 Miller Road, Chester Hill, NSW*, 7 August 2009, Ref: JBS40898-13577, JBS (JBS 2009);

- *Preliminary Contamination Assessment*, 14 November 2014, Ref: 13263-IDF-1, Ideal Civil Test (Ideal 2014);
- *Lease Baseline Contamination Assessment – Part Lot 8 in DP DP1039882, 191 Miller Road Chester Hill, NSW*, 12 January 2015, Ref: JBS&G (50419-60498), JBS&G (JBS&G 2015)
- *Discharge Impact Assessment – 191 Miller Road, Chester Hill, NSW*, 3 May 2017, Ref: JBS&G (52401-108586), JBS&G (JBS&G 2017);
- *Detailed Site Investigation – 191 Miller Road, Chester Hill*, 9 April 2021, Ref: 59369/136408, JBS&G (JBS&G 2021a);
- *Volatile Halogenated Compound Soil-vapour Source Identification - 191 Miller Road, Chester Hill, NSW*, 18 June 2021, Ref: JBS&G 59369-135300, JBS&G (JBS&G 2021b);
- *Remediation Action Plan – 191 Miller Road and 149 Orchard Road Chester Hill NSW*, 14 September 2021, Ref: 59369/140591 Rev 0, JBS&G (JBS&G 2021c); and
- *Groundwater Monitoring Event, May 2023 – 191 Miller Road, Chester Hill NSW*, (date unknown), JBS&G (JBS&G 2023).

1.4 Proposed Development

The proposed development is intended to be structured across two stages. The Proposal seeks consent for the following:

- Stage/DA 1: Remediation and early works (including earthworks and flooding management works). The works in this stage, include, but are not limited to:
 - Site establishment
 - Demolition of existing structures
 - Remediation of the site in accordance with Remediation Action Plan
 - Site preparation and earthworks
 - Flood management/mitigation works
 - Tree and vegetation removal
- Stage/DA 2: Construction and operation of warehousing on the site, with associated works. The works in this stage, include, but are not limited to:
 - Construction of 2 warehouse buildings comprising of 6 tenancies including ancillary offices, loading docks and hardstand areas
 - 24-hour operation, 7 days a week
 - Other associated works including landscaping, car parking and general site improvements
 - Amendment of the crossover for light and heavy vehicle access is proposed from Miller Road
 - Business identification signage and wayfinding signage

A proposed development plan has been included as **Appendix H**. Of particular note is an area of flood storage, which is proposed to be located in the south-western portion of the site. Based on the recent development present within the adjoining property to the south (149 Orchard Road), it is likely that the building in this area will be constructed on piers (with sub-slab void) to address the required flood storage capacity.

2. Site Condition and Surrounding Environment

2.1 Site Identification

The site location is shown on **Figure 1** and the site extent is shown on **Figure 2**. The extent of the site is summarised in **Table 2.1** following.

Table 2.1: Site Identification

Site Feature	Description
Address	191 Miller Road, Chester Hill NSW 2162
Lot and DP	Lot 82 DP 1282378
Site Area	6.46 Hectares (ha)
Zoning	E4 General Industrial (Canterbury-Bankstown Local Environmental Plan 2023)
Local Government Area	City of Canterbury Bankstown
Coordinates	314559 E; 6248862 N

2.2 Site Description and Operations

A site inspection was undertaken on 8 October 2025 by one of JBS&G's trained and experienced environmental consultants. The site was observed to be largely consistent with conditions described in JBS&G (2021a). Operations primarily comprised of a waste processing and recycling facility which will cease operations in December 2025.

The current site layout is shown on **Figure 2b**. Existing structures (proposed to be demolished) include the following:

- Building A (650 m²) – Offices and amenities. This building is of concrete, brick and sheet metal construction and used as part of the waste processing facility. The buildings exhibited minor dilapidation;
- Building B (500 m²) – Engineering/mechanical workshop. This building is of steel frame and metal sheet construction, with a cinder block facade. The entire building is constructed on a concrete slab in generally good condition. It is understood the building was used for parts storage and mechanical repair for machinery associated with the waste processing facility and is currently not in use;
- Building C (3500 m²) – Warehouse/distribution centre and offices/amenities. This building is of steel frame and sheet metal construction. The entire warehouse is constructed on a concrete slab in good condition. The building was used for storage and distribution of materials.

Of further note, the three large stockpiles (SP01, SP02 and SP03) described in JBS&G (2021c) were still present and appeared undisturbed given the presence of vegetation across surfaces. In addition, various stockpiles of soil materials were noted within the waste processing yard (in central portion) and in the southern portion. It is understood that these stockpiles will be removed prior (except SP01-SP03 which will remain) to redevelopment of the site – as such, these stockpiled materials were not assessed herein.

2.3 Surrounding Land-Uses

A review of the information via ePlanning (NSW 2025⁴) has been undertaken of surrounding land-uses. A summary of the land zones available from ePlanning Spatial Viewer is provided as **Appendix C**.

The surrounding land uses are as follows:

- North: The site is bound to the north by the Bankstown Line and Inner West & Leppington Line. Further north is a combination of light commercial, residential and public recreational spaces. Chester Hill Fire Station is located approximately 50 m north of the site boundary;
- East: The site is bound to the east by 161 and 173 Orchard Road. Further east lies a combination of high to low density residential buildings;
- South: The southern boundary of the site adjoins 149 Orchard Road (recently developed following remediation works) followed by 127 Orchard Road (downgradient to the site which was previously declared as a significantly contaminated land but was later repealed post-remediation and validation works) ; and
- West: the site is bounded to the west by Miller Road.

2.4 Topography

Reference to the eSPADE NSW Soil and Land Information database (DPIE 2025⁵) indicates that the regional landscape is characterised by gently undulating rises, local relief to 30 m with slopes typically greater than 5 %. Broad rounded crests and ridges with gently inclined slopes are anticipated.

The site is situated at approximately 20 m Australian Height Datum (AHD) and slopes downward to the southwest, toward a constructed concrete drainage line ('Byrnes Creek Channel').

JBS&G (2017⁶) presents details of the drainage infrastructure at 191 Miller Road, based on a stormwater report prepared by LP Consulting Australia (LP 2016⁷) and a local stormwater design report (Civic 2008⁸). Within 191 Miller Road, two stormwater discharge points were identified. Excess overland water flow is directed by site topography into onsite stormwater and discharges into municipal infrastructure, eventually leading to Byrnes Creek Channel.

2.5 Geology

Reference to Penrith 1:100,000 Geological Series Sheet 9030 (DME 199110) indicates the Site is underlain by Bringelly Shale.

In reference to DPIE (2025⁵), the site is underlain by Blacktown Residual Soils, which are described as shallow to moderately deep (>100 cm) hard setting mottled texture soils, red and brown podzolic soils on crests, grading to yellow podzolic soils on lower slopes and drainage lines. Lithological conditions encountered during previous intrusive investigations are summarised in **Section 3**. Observations reported in historical investigations indicated that the Site is underlain by fill material across the majority of its footprint, which is generally shallow (<1 m) with some deeper pockets (4.5 m). Observations of natural soils and lithology at the

⁴ NSW Planning Portal Spatial Viewer, NSW Government. Accessed 28 October 2025. (NSW 2025)

<https://www.planningportal.nsw.gov.au/spatialviewer/#/find-a-property/address>

⁵ eSPADE 2.2, NSW Department of Planning, Industry and Environment. Accessed 28 October 2025 (DPIE 2025)

<https://espade.environment.nsw.gov.au/>

⁶ *Discharge Impact Assessment – 191 Miller Street Chester Hill NSW*. JBS&G Australia Pty Ltd dated 5 May 2017 reference 52401-107609 Revision 1. JBS&G (2017)

⁷ *Site Stormwater Audit Report for WasteOp, 191 Miller Road, Chester Hill, NSW*. LP Consulting Australia Pty Ltd dated 19 October 2016. LP (2016)

⁸ *Bankstown City Council Villawood Drain Works-As-Executed Study*. Civic Design, July 2008

Site were in general concordance with the regional geological (DME 1991) and soil landscape indicated by DPIE (2025).

Observations reported in historical investigations indicated that the Site is underlain by fill material across the majority of its footprint, which is generally shallow (<1 m) with some deeper pockets (4.5 m). Fill materials and natural soils on the site have been reported to be generally clay based.

2.6 Hydrogeology

Based on extensive investigation works on the site the groundwater conditions are summarised following:

- **Aquifers:** shallow groundwater is present at depths ranging from 0.5-2.5 m bgl. It occurs as an unconfined aquifer within fill-based soils and natural silty clay materials in which the aquifer thickness is approximately 5 m. Significant vertical migration of groundwater is mitigated by underlying shale bedrock, where a deeper semi-confined/confined aquifer is present. The depth to competent shale rock varies from 1-6 m bgl across the site.
- **Groundwater Elevation:** Standing groundwater levels (corrected to m AHD) and interpolated groundwater contours of the shallow aquifer are shown on **Figure 3ai** and **Figure 3aii**. Groundwater levels range from 19-23 m AHD with flow occurring in a west/south-westerly direction towards the box culvert/open stormwater channel (Byrnes Creek Channel). There is some localised groundwater mounding in the vicinity of MW07, which suggest this is an area of localised groundwater recharge, where the site has been observed to flood in periods of heavy rainfall. The measured hydraulic gradient is approximately 0.013 and reflects the low hydraulic conductivity of the aquifer materials.
- **Hydraulic Conductivity:** Hydraulic conductivity was assessed by bail down testing within two monitoring wells (screening shallow aquifer) in the south-western portion of the site. The average conductivity has been calculated at 7.54×10^{-2} m/day. This low value is consistent with the relatively high hydraulic gradient across the site.
- **Geochemical Properties:** Shallow groundwater within the site is generally characterised as slightly acidic to neutral (pH ranges from 6.45 to 7.11), brackish to saline (EC ranged from 5.3 mS/cm to 21.7 mS/cm) and anaerobic (dissolved oxygen levels range from 0.02-0.84 mg/L). The salinity of the groundwater is consistent with the aquifer materials (marine origin) as well as the low hydraulic conductivity of the aquifer and implies low recharge/low groundwater flow.
- **Beneficial Uses:** There are no registered bores within proximity of the site.

2.7 Meteorology

The Bureau of Meteorology hosts local climate statistics for Australian locations. A review of statistics presented for the nearby station of Bankstown Airport (1.3 km from the Site) indicated the following relevant information (BOM 2025⁹):

- The region is characterised as humid, subtropical, with mild winters and warm summers;
- Temperature minimums range from 5.3 °C to 18.3 °C, and maximums from 17.5 °C to 28.5 °C; and
- Mean rainfall ranges from 44.3 mm to 111.9 mm per month. The highest rainfall occurs in late Summer and early Autumn.

⁹ *Climate Statistics for Australian Locations – Monthly Climate Statistics – Bankstown Airport AWS*. Bureau of Meteorology. Accessed 29th October 2025. BOM (2025) http://www.bom.gov.au/climate/averages/tables/cw_066137.shtml

2.8 Acid Sulfate Soils

Based on a review of the Liverpool Acid Sulfate Soils Risk Map from DLWC (1997¹⁰), the site is located in the area with no known occurrence of ASS.

¹⁰ 1:25000 Liverpool Acid Sulfate Soil Risk Map – Edition Two. NSW Department of Land and Water Conservation dated December 1997. DLWC (1997)

3. Site History and Regulatory Aspects

3.1 Summary Site History

A review of site history has been undertaken via review of previous investigations and historical aerial photographs provided in JBS&G (2021a). A summarised site history is provided as **Table 3.1** following. Refer to **Figure 2a** for the location of key historical site features.

Table 3.1: Site History Summary

Timing	Historical Records
1930	The site is an undeveloped portion of land, intersected by numerous earthen tracks. Vegetation was observed across the majority of the site footprint, comprising a mixture of larger flora (trees/shrubs) and likely grassed surfaces.
1942-1943	The Villawood Explosives Factory was established and commenced operations in 1942. Portions of these operations occurred within the site, noting that the main operational acid production was undertaken in the central portion of 149 Orchard Road. Activities on site included Oleum from sulfur and nitric acid production (from sodium nitrate and by ammonia oxidation). The factory was progressively decommissioned after 18 months of operation. During operation, the site contained numerous features including oleum plant, dilute oil of vitriol (DOV) tank, acid storage tanks, cooling towers, compressor houses, sulfur and coal dumps and other amenities and buildings. The Dome (used as a neutralisation tank adjacent to the water treatment plant) was visible on historical aerial images adjacent to the central southern border.
1946	The site was leased to Australian Fertilisers Limited (AFL) including onsite facilities. Nitrogen-based production changed to sulfur-based processed due to increased demand.
1948	Four above ground storage tanks (AGSTs) north of the DOV tank farm were present.
1951	Contact acid plant was extended to include an absorption tower and a second converter.
1955	Gas producer plant was removed from the site.
1957	Ownership was transferred to AFL.
1961-1965	Part of the property was occupied by The George Shirley company. The contact acid plant was in operation, and battery acid was produced by dilution of sulfuric acid stored in the DOV tank farm. The layout of site appeared similar to the previous (1951) aerial image, with the exception of the demolition of a structure adjacent to the current day Building B, and the addition of a new large warehouse/shed structure in the central portion of the property.
1966-1970	Shirley Fertilisers Pty Ltd took over management of operations, excluding the transport division in the northern site portion. Some building modification was undertaken.
1969	Storage of waste material (in the form of drums in stockpiles) generated by the production of ethylene dichloride or dichloroethylene (therein referred to as 'EDC') from the ICI Botany Plant was present onsite. No further information was made available to the year at which these drums were removed offsite.
1991	Building A was present on the west site extent, in addition to the surrounding current day car park. An external structure had been added to Building C. A central warehouse structure had also been demolished since the previous aerial image (1986).

Timing	Historical Records
1996-2002	Building C erected and was used to store liquid chemicals in <200 L drums, including flammable liquids and solids, powdered chlorine and corrosives (Class 3, Class 4, Class 5 and Class 8). Demolition of the former oleum plant. A flammable liquids store was constructed adjacent to the DOV tank farm.
2002	Removal and validation of UST (70 kL) in the northwestern portion of the Site. Remediation and validation of the Dome whereby contaminated water (solvent impacted liquid) and associated waste in the form of sludge) were removed from site. Noting, that the surrounding brick walls and concrete base had been penetrated through. The Dome was backfilled with fill material with identified asbestos impacts and covered with clean imported material (CH2M 2002). Statutory Site Audit Statement (CH2M 2002) issued confirmed the site was suitable for continued commercial/ industrial use subject to a Site Management Plan (HLA 2002).
2009	The central portion of the property was observed to be occupied by numerous soil and material stockpiles. Building C appeared to have been re-roofed. Containers were present throughout the east and north of the property. An EPL (13198) was issued to Number 1 Demolition & Excavation (NSW) Pty Limited (N1DE) on 21 December 2009 for the storage and non-thermal processing of waste at 191 Miller Road. Permissible activities included storage and processing of wastes, as defined in Schedule 1 of the POEO Act: building and demolition wastes (B&D), virgin excavated natural material (VENM), asphalt waste, garden waste; and wood waste.
2010	Cleanup notice (Notice number: 1113830 and 1114514) issued by the EPA in 2010 to N1DE for stockpiles of soil with intermixed building and demolition wastes including asbestos located central south and northeastern section of the site. Another cleanup notice (Notice Number: 1518066) was issued to N1DE following an onsite fire for the migration of fire water from the burning stockpile flowing into stormwater drains.
2011	SP02 was observed to be pushed in the southerly direction to make space for the existing shipping container yard in the north-western portion of the Site.
2013	N1DE's EPL was revoked in December 2013 after 3 years in liquidation.
2014	An EPL (20421) was issued to Builders Recycling Operations Pty Limited on 9 July 2014 for the storage and non-thermal processing of waste at the Site. Permissible activities included storage and processing of wastes, as defined in Schedule 1 of the POEO Act included B&D and VENM.
2017	SP03 was observed to be building up from material brought onto site and/ or existing material.
2020	A diesel AGST was used on the northern portion of the waste processing area in the central south-western portion of the site located on bare earth. It was understood that occasional small spills have occurred in the area whilst refuelling. An area of the property was used as a wash bay which free drained onto bare earth. The wash bay was used to clean vehicles, plant and tools at the Site.
2021	EPA was notified of the contamination by the landowner of 191 Miller Road Chester Hill under s60 of the Contaminated Land Management Act 1997 (CLM Act).
2023	EPA declared the Site as significantly contaminated land under section 11 of the <i>Contaminated Land Management Act 1997</i> (Declaration No. 20231109; Area No. 3566). The land is reported to be contaminated with TCE, cis-1,2-DCE, 1,1-DCE, 1,1-DCA and VC. The contamination is reported to occur within soil vapour and groundwater.

Timing	Historical Records
2025	The EPL 20421 (licensee: Builders Recycling Operation Pty Ltd) was surrendered and operations had ceased.

3.2 Previous Investigations

A review of all the available previous investigations as listed in **Section 1.3** has been summarised in **Table 3.2** below.

Timing	Historical Records and Investigations
2002	Removal and validation of the UST (70 kL) and its associated pipework in the northwestern portion of the site. Impacted proximal soils were excavated, stockpiled and land farmed. Validation sampling for the excavation and land farmed material indicated that concentrations of TPH, BTEX and PAHs were less than the adopted soil investigations levels (SILs). HLA Envirosciences Pty Ltd (2002) prepared a Site Management Plan (SMP) for PacLib Management Pty Ltd, summarising the relevant environmental/human health controls to manage residual contamination on the Site. Part of the SMP was to summarise the historical reports (not made available to JBS&G) dating back to 1992 including a series of soil and groundwater investigations. Main COPCs identified included exceedances for soil media in lead, sulfur, asbestos, B(a)P, TPH, PAH, TCE and DCE; for groundwater media in sulfate and heavy metals (lead, copper and zinc). Remediation and validation of the Dome whereby contaminated water (solvent impacted liquid) and associated waste in the form of dark liquid with a strong organic odour) were removed from site. Noting, that the surrounding brick walls and concrete base had been penetrated through. The Dome was backfilled with fill material with identified asbestos and covered with clean imported material (CH2M 2002). Statutory Site Audit Statement (CH2M 2002) issued confirmed the site was suitable for continued commercial/ industrial use subject to a SMP (HLA 2002).
2004	CH2M (2004) provided an auditor review of the Groundwater Monitoring Report by HLA (2004) which was not made available to JBS&G. HLA (2004) reported that the primary (the Dome) source of onsite groundwater contamination has been removed prior to the date of the memorandum, and estimated hydraulic conductivity to be between 0.013 and 1.3 m per year, based on the soils permeability and hydraulic gradient (0.025 m/m). The auditor agreed that the sources had been removed and that the contaminants were naturally attenuating within the boundary of the site. They did not identify the need to continue monitoring the groundwater status and deemed the groundwater contamination not posing any adverse impact at the site for its continued commercial use provided that the SMP protocols continued to be implemented.
2005-2008	CMA Corporation Pty Ltd occupied the site as a small (< 30,000 tonne p.a.) scrap metal transfer facility. The main operations included separation of certain components from scrap (e.g. engines), stockpiling scrap material and loading for offsite disposal. JBS(2007) was engaged by TH & TH Chung to undertake soil and groundwater contamination studies to inform the environmental status of the entire site prior to divestment. The works included a desktop review of the site, soil sampling via test pitting, groundwater monitoring at three well locations to the south of the Site. In soils, there were elevated TPH were identified at the surficial levels at TP1, TP3, TP6, TP7, TP17 with elevated B(a)P at TP3, TP5, TP17. In groundwater, there were elevated levels of zinc and 1,2-dichloroethane at MWS10 (south of the site). The groundwater was observed to be of low dissolved oxygen, neutral pH and of brackish salinity. JBS (2008) was engaged by CMA Corporation Pty Ltd to complete a lease baseline contamination assessment via systematic test pits on the central south-western and eastern portion of the Site. Samples were analysed for heavy metals, total petroleum hydrocarbon, BTEX, PAHs, OCPs/ PCBs, VOCs and asbestos. Elevated levels of lead, zinc, TPH C₁₀-C₃₆ and PAHs were reported.

Timing	Historical Records and Investigations
2009	The current day SP02 (estimated to be 8000 tonnes) was characterised for offsite disposal by JBS (2009). The materials were reported to be excavated from the north-eastern extent of the site during levelling for other construction works. The stockpiled material was observed to be of sandy gravelly clay, silty clay, and silty sand fill material of grey, brown, grey and medium brown in colour. Demolition rubble inclusions (brick, concrete, tile fragments, fibreglass, wire, and rubber) and ACM were found throughout the stockpile. The material was classified as General Solid Waste Special (Asbestos). JBS suggested that an ongoing management plan should be applied for retaining the onsite material or a RAP be developed to facilitate the offsite disposal of the asbestos impacted materials.
2014	Ideal Civil Test (2014) prepared a preliminary contamination assessment for Wasteop. The assessment included a desktop review, site inspection and sampling of stormwater residue. The objective of the assessment was to provide an indication of how hardened residues present within site stormwater assets. The location of the sample was not provided in the report, however, it was identified to be 100% sulfur.
2015	JBS&G (2015) was engaged by TH & TH Chung for a lease baseline assessment of Builder Recycling Properties Pty Ltd who proposed to operate a recycling business on Site under an EPL. The soil sampling works included 16 test pits across the entire Site to a depth of 2.0 mbgs, whereby soil samples were analysed across heavy metals, PAH, TRH/BTEX, VOCs, Asbestos, OCPs/PCBs and sulfur. A stormwater sample and a yellow mineral solid from the stormwater drain was additionally collected and analysed for similar but relevant COPCs. Fibrous asbestos/ asbestos fines were found to be in six locations ranging from 0-1 mbgs exceeding the commercial/ industrial health screening levels criteria. The groundwater sample exceeded heavy metal concentrations (copper, lead, nickel and zinc) ASC NEPM freshwater groundwater investigation levels. The yellow mineral was found to contain high concentrations of sulfur. JBS&G recommended implementing an asbestos management plan.
2017	JBS&G (2017) was engaged by Builders Recycling Operations to undertake an assessment of potential impacts of stormwater and groundwater discharge from the Site. The works included installation and sampling of 9 new wells (MW01-MW09), sampling of two surface water discharge points offsite and one up-gradient location. The samples were analysed for Heavy Metals, PAH, TRH/ BTEX, VOCs, OCP/ OPPs, SVOC, Phthalates, Phenols, EC, pH and TSS. The groundwater parameters were consistent with historical findings. MW03 (upgradient well) had numerous heavy metals exceedances to the ANZECC (2000) screening criteria but was associated to be urban geological conditions. MW08 (downgradient well) had a trichloroethene (TCE) detect above assessment guidelines. For the surface water samples, chemical analysis was generally found to have below laboratory reporting limit (LOR) or below the adopted assessment screening criteria, however, the TSS and heavy metal (zinc, chromium, copper) levels were found to exceed the screening guideline. JBS&G (2017) recommended implementation of management to remove gross pollutants from water and a program of ongoing stormwater monitoring to verify its success.
2021	JBS&G (2021a) was engaged by Minter Ellison on behalf of TH & TH Chung to complete a DSI to inform the potential contamination issues for a development application. The works involved a desktop review of historical reports and, site conditions and its surrounds, and an intrusive investigation program including the analysis of soil, groundwater and soil vapour samples. <u>Soil:</u> Fill material was observed at almost every in-situ location followed by natural clays (and at times, sand) underlain by natural shale. SP01, SP02 and SP03 were characterised as fill material of mixed clay, silt and sand intermixed with anthropogenic and organic waste. The presence of asbestos via AF/FA and ACM in SP01 and SP02, and within the fill material via northeast site corner (JBSG2015_TP06, JBSG2015_TP09, JBSG2015_TP17, JBSG2015_TP18 and JBSG2015_TP20) were found to be potentially unacceptable for future site users. <u>Groundwater:</u> The groundwater had a slightly acidic to neutral pH (6.45 to 7.11), brackish to saline (5.3 to 21.7 mS/cm), generally low dissolved oxygen (0.02 to 2.08 and 4.92 mg/L) and a range of redox potentials (-141 to 136 mV). Several ecological screening level exceedances in both up and downgradient with elevated heavy metals concentrations being associated as background. Health based exceedances for TCE in two

Timing

Historical Records and Investigations

downgradient wells (JBBH59/MW06 – 3.5 mg/L and JBBH45/MW07 – 4.3 mg/L) and two cross gradient wells (JBBH64/MW15 – 0.42 mg/L and JBBH65/MW16 – 2.2 mg/L)

Soil Vapour: PID responses generally captured between 2-4 ppm with an elevated reading of 50.0ppm (JBSV41). Methane was detected at 6 locations (up to 38 %v/v) generally around the south/south-western fringe of SP01 and one isolated spot north-west of Building A. Elevated CO₂ (>1.5% v/v) was observed to be in majority sub-surface conditions of the site. Several CHCs (cis-1,2-DCE, TCE, VC) exceeded the ASC NEPM HIL-D criterion; these were located in two hotspots: (1) north-west portion of the site (JBSV32 and JBSV34); and (2) immediately west of SP01 in the storage yard (JBSV45 and JBSV47). It was noted that the groundwater impacts may not be representing as a source to the soil vapour impact.

Indoor air sampled within the Building B was not impacted by CHCs at levels exceeding the adopted indoor air assessment criteria. This indicates that vapour intrusion from the sub-surface into site structures does not represent an unacceptable risk to current site users.

JBS&G recommended that future remediation and management be implemented to consider the soil, groundwater and soil vapour-based impacts.

There were several data gaps that were required to be addressed prior to/ during remediation including the:

- Characterisation:
 - Of the soils underlying the existing building footprints;
 - Of the residual soils within the waste processing yard and the eastern portion of site;
 - Of the soils underlying the transformer within the northeast site portion;
 - Of the soils within the containers on the periphery of the waste processing yard.
- Assessment:
 - Of groundwater impacts north and west of the historical Dome;
- Confirm:
 - the presence of a potential UST south of Building A;
 - the source and significance of hazardous ground gases (HGGs) detected west of SP01.

A potential trigger for the notification of groundwater contamination was advised on the basis of CHCs exceeding the human health and ecological assessment criteria for the site in soil vapour and groundwater.

2021 JBS&G (2021b) was engaged by Minter Ellison on behalf of TH & TH Chung to further complete an additional soil vapour evaluation of the mid-gradient portion of the site for the presence of potential soil-based sources of CHCs. The scope of works included the installation and sampling of 81 soil vapour probes of which included a combination of individual and nested probes, and vapour pins; comparison of the collected data against criteria and infer a volume/ area of the CHC source material.

Out of the 67 locations samples (as the balance of the probes were inundated with water), ten locations were exceeding in the health risk assessment for CHCs. There were three identified hotspots of chlorinated hydrocarbon impact: (1) north-west of the assessment area at SV101; (2) central east from SV114 across to SV135; (3) south from SV165 to SV162. There were high concentrations of methane identified on the western fringe of SP01, likely associated with the microbial degradation of organic material.

The source mass of each CHC component was estimated to be cis-1,2-DCE (24.4g), PCE (3.35g), TCE (8.36g) and VC (0.103g). The indicative quantity of impacted soil was estimated to be 6454 tonnes.

There were several data gaps coming out of this investigation:

- Lateral extents of impacts at SV101, SV157 and SV162;
- 14 locations central west of the assessment area was inundated with water and therefore, no assessment was conducted;

Timing	Historical Records and Investigations
	No vapour sampling has been conducted underneath the stockpiles (SP01 and SP02) due to access issues; however, adjacent groundwater wells indicated their locations were not affected significantly by CHCs.
2021	JBS&G (2021c) was engaged by Minter Ellison on behalf of TH & TH Chung to complete a combined RAP for 191 Miller Road and 149 Orchard Road, Chester Hill NSW. The COPCs summarised by JBS&G (2021c) relevant to the site included asbestos as asbestos fines/friable asbestos (AF/FA) and asbestos containing material (ACM) and CHCs. Remediation of site impacts was proposed to be addressed via a combination of remediation methodologies: <i>ex-situ</i> CHC stripping from soil, <i>in-situ</i> bioremediation of CHC impacted groundwater, cap and containment of asbestos impacted soils, and provision of vapour barriers to future structures.
2023	No formalised reports were identified, however, data was presented (also utilised in this report) showing a groundwater monitoring event undertaken during May 2023 of the (9) historical wells. The data shows exceedances of: - Copper (up to 0.027 mg/L) and zinc (up to 0.042 mg/L) attributed to background concentrations for majority of the groundwater wells; 1,1-DCE (up to 1.1 mg/L), cis-1,2-DCE (up to 1.9 mg/L), TCE (up to 4 mg/L) and VC (up to 0.14 mg/L) generally occurring at JBBH45/MW07 and MW07(south-western portion of the site).

Historical soil, groundwater and soil vapour analytical results (largely restricted to results from the previous 5 years) have been incorporated into **Table D1**, **Table B3** and **Table A2** in **Appendix B** respectively.

4. Preliminary Conceptual Site Model

The following preliminary CSM identifies potential contamination sources, pathways, and receptors, consistent with NEPC (2013) ASC NEPM. It was formed on the basis of screening all historical results (tabulated in **Appendix A**) against the site assessment criteria presented in **Section 6** and is largely consistent with the CSM presented in the RAP (JBS&G 2021c).

4.1 Essential Elements of Conceptual Site Model

The ASC NEPM states that a CSM should identify complete and potential pathways between known or potential source(s) and receptor(s), referred to herein as SPR linkages. To identify SPR linkages, the following essential elements are required:

- Known and potential sources of contamination, including contaminants of concern, and the mechanism(s) of contamination;
- Potentially affected media;
- Human and ecological receptors; and
- Potential and complete exposure pathways.

4.2 Known and Potential Sources of Contamination

Potential sources of contamination exist at the site, resultant from its historical and ongoing usage for industrial purposes. The known and potential sources presented in **Table 4.1** and is based on the extent of investigations conducted at the site. By consideration of the mechanisms of contamination associated with known or potential contamination sources, both primary and ancillary media which may be affected by contamination are documented in **Table 4.1**. The location of the corresponding AECs is shown on **Figure 2c**.

Table 4.1: Known and Potential Contamination Sources

Source and Mechanism of Contamination	Location and Depth/ Volume	Primary Medium	Ancillary Media	COPCs	Anticipated Distribution	Status
Known Contamination Sources						
AEC 1A (Source 1A, JBS&G 2021a) Contaminated soils present within stockpile 1 (SP01)	Figure 2a and 2c Stockpile volume: 27 900 m ³ Contaminated soil estimated range: 2000 m ³	Stockpiled Soils	None known	Asbestos as ACM, and anthropogenic materials	Heterogeneous within stockpile profile.	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of ACM and other anthropogenic material inclusions within SP01.
AEC 1B (Source 1B, JBS&G 2021a) Contaminated soils present within stockpile 2 (SP02)	Figure 2a Stockpile volume: 12 200 m ³ Contaminated soil estimated range: 2000 m ³	Stockpiled Soils	None known	Asbestos as ACM and anthropogenic materials	Heterogeneous within stockpile profile.	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of anthropogenic material inclusions within SP02.
AEC 1C (Source 1C, JBS&G 2021a) Impacted soils present within stockpile 3 (SP03)	Figure 2a and 2c Stockpile volume: 20 m ³	Stockpiled Soils	None known	Anthropogenic materials	Heterogeneous within stockpile profile.	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of anthropogenic material inclusions within SP03.
AEC 2A (Source 2, JBS&G 2021a) CHCs in site soils within the waste processing yard. Likely resultant from historical site infrastructure and residual soil impacts.	Figure 2c and Figures 4 Estimated ~2300 m ³ of contaminated soil.	Soils	Groundwater Soil-vapour	CHCs (1,2-DCA, 1,1-DCE, PCE, TCE and vinyl chloride)	Heterogeneous within contaminated soil zone.	Known – Investigation conducted as part of JBS&G (2021a and 2021b) confirmed the presence of CHCs at elevated concentrations in soil-vapour, with soil being considered the primary source.
AEC 2B (Source 2, JBS&G 2021a) CHCs in groundwater, resultant from historical site operations and ongoing percolation from soil-source zone (2A) or dissolution of soil adsorbed CHCs below the water table.	Figure 2c and Figures 3 Extent of plume currently not delineated. [Data Gap]	Groundwater	Soil-vapour	CHCs (1,2-DCA, 1,1-DCE, PCE, TCE and vinyl chloride)	Plume originating from site.	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of CHCs at elevated concentrations in groundwater originating from site and migrating over the western boundary.
AEC 3 (Source 14, JBS&G 2021a) CHCs in soil-vapour in the northern site portion. Inferred soil source.	Figure 2c and Figures 4. Source, lateral and vertical extent of impact unknown [Data Gap]	Soil-vapour	None	CHCs (1,2-DCA, TCE and vinyl chloride)	Heterogeneous within contaminated soil zone.	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of CHCs at elevated concentrations in soil-vapour. Potential – the source of impact is currently unconfirmed, but considered likely to be contaminated soil.
AEC 4 (Source 5, JBS&G 2020c) Localised instances of <i>In-situ</i> fill soils containing AF/FA	Figure 2c Lateral extent unknown, limited to depth of fill [Data Gap]	Fill soils	None known	Asbestos as AF/FA	Heterogeneous within fill soil profile	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of AF/FA at elevated concentrations in soil at various locations.

Source and Mechanism of Contamination	Location and Depth/ Volume	Primary Medium	Ancillary Media	COPCs	Anticipated Distribution	Status
Potential Contamination Sources						
AEC 5 (Source 3, JBS&G 2021a) Potential top-down liquid chemical spills from a underground storage tank (UST) south of Building A	Figure 2c	Soil	None Known	Petroleum hydrocarbons	Top-down impact.	Potential – The presence of the UST has been inferred from SafeWork NSW records. No site media impact proximal to the location has been detected, indicating that any media impact is likely to be small/localised. [Data Gap]
AEC 6 (Source 6, 8 and 12, JBS&G 2021a) <i>In-situ</i> soils underlying/proximal to current building footprints and site infrastructure.	Buildings and services Figure 2a. The extent and depth of potential impacts is unknown. [Data Gap]	Soils	None known	TBC	TBC	Potential –Impacts proximal to/underlying site buildings and infrastructure may exist which are not able to be practically assessed prior to demolition. [Data Gap]
AEC 7 (Source 11, JBS&G 2021a) Potential impacts to site media during interim soil importation and processing	Soil processing yard (west); Waste processing yard (central) Figure 2c	Shallow soils	None known	Heavy metals Asbestos as ACM Asbestos as AF/FA	Top down impact	Potential –Impacts proximal to/underlying site portions used for material handling/processing in the period intervening site investigation and remediation. [Data Gap]
AEC 8 (Source 15, JBS&G 2021a) Potential presence of HGG generation sources (JBSV51, JBSV52, JBSV103, JBSV123, JBSV128, JBSV156 and JBSV157)	Various locations. Figure 2c	Shallow soils	Ground Gas Enclosed air	Methane and trace gases	Attenuating outward from source	Potential – Investigation conducted as part of JBS&G (2021a and 2021b) confirmed the presence of HGGs at elevated concentrations in soil at various locations. However, the HGG significance/source has not been determined and, as such, this is considered a potential impact. [Data Gap]
AEC 9 (Source 6, JBS&G 2021a) Potential localised impacts underlying SP01	Underlying SP01	Soil	Soil-vapour Groundwater	CHCs, BTEXN and HGGs	Unknown	Potential – The character of soils / soil-vapour underlying the stockpile has not been subject to detailed characterisation. [Data Gap]
AEC 10 (Source 13, JBS&G 2021a) Potentially contaminated soils within metal containers on the periphery of the waste processing yard	Figure 2c	Soil	None known	Asbestos, heavy metals, PAHs, TRHs, BTEXN, PFAS, OCPs and PCBs ¹¹	Heterogeneous within contained soils	Potential – The character of soils within containers has not been subject to characterisation. [Data Gap]

¹¹ Note: PFAS – Per-and polyfluoroalkyl substance; OCPs – organochlorine pesticides; and PCBs – polychlorinated biphenyls.

4.3 Potential Human Receptors and Exposure Pathways

A summary of potential receptors and associated exposure pathways for the site, based on the range of exposure scenarios that may occur with the potential future redevelopment of the site are presented in **Table 4.2** following. Commentary with respect to whether any particular exposure pathway is complete is limited to the refined CSM presented in **Section 11**.

Table 4.2: Summary of Receptors and Potential Exposure Pathways

Receptor	Location	Media	Potential Exposure Pathways
On-site Receptors			
Future commercial/industrial users	Within Future Buildings	Soils	Inhalation (vapours and gases)
		Groundwater	Inhalation (vapours and gases)
	Outdoor Areas	Soils	Inhalation (particulates) Oral ingestion Dermal contact
Construction worker or intrusive maintenance worker (short duration)	Construction areas/excavations	Soils	Inhalation (vapours, gases and particulates/fibres) Oral ingestion Dermal contact
		Groundwater	Inhalation (vapours and particulates/fibres) Oral (infiltrating seepage water) Dermal (infiltrating seepage water)
Current / Future Vegetation on site (limited to existing trees on northern/north-western boundary)	Landscaped Areas	Soils	Contaminant uptake
Off-site Receptors			
Off-site Maintenance Workers	Byrnes Creek Channel	Surface water	Inhalation (vapours). Potential for reduced ventilation within drain trench and accumulation. Oral (direct contact to surface water) Dermal (direct contact to surface water)
	Miller Rd services	Groundwater (as infiltrating seepage water to excavation)	Inhalation (vapours). Potential for reduced ventilation within drain trench and accumulation. Oral (direct contact to surface water) Dermal (direct contact to surface water)
Off-site Commercial / Industrial users	Within buildings or outdoor areas.	Soil and/or groundwater	Inhalation (vapours, gases and particulates/fibres)
Recreational users of Georges River	Surface waters downgradient of the site	Surface Water as potentially affected by site groundwater	Various
Ecological Receptors within Byrnes Creek channel and Georges River	Surface waters downgradient of the site	Surface Water as potentially affected by site groundwater	Various

There are no identified groundwater uses on site or within proximity of the site. Potential maintenance workers within Miller Rd have been included as the shallowest depth to groundwater reported here is less than 1 m bgs and potentially at a similar depth to sub-surface services.

4.4 Data Gaps

The RAP (JBS&G 2021c) presented a series of data gaps (as presented in **Table 4.2** above) that required to be addressed as detailed following:

- **AEC 1:** Quantification of ACM within contaminated portions of SP01 and SP02. This may be considered warranted should these portions of SP01 and SP02 be proposed for retention on the site without the requirement for remediation and/or long-term management;
- **AEC 2A:** Further refining of the extent of contaminated soil and/or soil-vapour as identified in JBS&G (2021b) to be present within the waste processing yard;
- **AEC 2B:** Delineation of the extent of the CHC plume migrating over the western site boundary. Assessment of human health and ecological risks posed by CHCs in groundwater.
- **AEC 3:** Delineation of the extent of contaminated soil and/or soil-vapour within the northern portion of the site;
- **AEC 4:** Delineation of the extent of *in-situ* fill soils containing AF/FA at various locations across the site.
- **AEC 5:** Assessment for the potential presence of residual disused petroleum storage infrastructure south of Building A, and evaluation of potential localised/proximal media impacts;
- **AEC 6:** Assessment of the character of soils underlying current building footprints and infrastructure;
- **AEC 7:** Assessment of soils underlying former soil stockpiles;
- **AEC 8:** Assessment of the potential source of HGG detected at JBSV51, JBSV52, JBSV103, JBSV112, JBSV123, JBSV128, JBSV144, JBSV156 and JBSV157. Noting that the methane concentrations being detected along the eastern end of the waste processing yard were consistently elevated, it is likely that this assessment of soil vapour will need to extend beneath the stockpile SP01 (i.e. into the area of AEC9);
- **AEC 9:** Assessment of the character of soils underlying SP01; and
- **AEC 10:** Assessment of soils within shipping containers.

Given that the site is still operational (whereby all structures and large stockpiles (SP01 and SP02) remain in place) data gaps associated with AEC2A and AEC2B, AEC3 and AEC8 are addressed in this report. The remaining data gaps will be addressed as part of validation activities to be detailed in the addendum RAP.

It should be noted that the number / extent of historical investigations completed at the site (**Section 3**) has broadly characterised contamination conditions and that the data gaps listed above are largely required to refine the extent of remediation / management of impacts at the site. The location of historical soil sampling locations is shown on **Figure 5** – equating to 144 sampling locations (approximately 90 in-situ sampling locations and the balance being of stockpiled materials). The in-situ soil sampling density exceeds the minimum sampling requirements of EPA (2022)¹², where for site's over 5 ha, it is recommended a stratified approach is adopted (which would amount to approximately 80 locations for a 6.5 ha site). As listed above, stockpiled materials have not been characterised at the density recommended in EPA (2022).

¹² *Sampling design part 1 – application*, Contaminated Land Guidelines, NSW EPA 2022 (EPA 2022).

5. Data Quality Objectives

Data Quality Objectives (DQOs) were established for the assessment, as discussed in the following sections.

5.1 State the Problem

The site is proposed to be redeveloped for commercial / industrial purposes that will comprise the demolition of all existing structures and the subsequent construction of two large multi-level commercial / industrial warehouse buildings. Key data gaps (**Section 4.4**) as associated with AEC 2, AEC 3 and AEC 8 require to be addressed such that the extent of required remediation in order to make the site suitable for the proposed use can be defined.

The DGI is required to quantify the extent of contamination of the site and to support the future development of a robust addendum RAP. The DGI and addendum RAP will further be required to address site contamination as per the requirements of Section 4.6 of State Environmental Planning Policy (Resilience and Hazards) 2021.

5.2 Identify the Decision

The decisions required to be made for the investigation are:

- Has the extent of CHC impacts in soil vapour been appropriately and sufficiently delineated?
- Are there any unacceptable human health or ecological risks to downgradient receptors from CHC impacted groundwater underlying the site?
- Are the elevated levels of methane measured at the site consistent with 'low risk' hazardous ground gas conditions as defined in EPA (2020)?
- Has the extent of required remediation at the site been appropriately defined?

5.3 Identify the Inputs to the Decision

The following inputs are required in order to make the stated decisions:

- Previous environmental data available for the site;
- Sampling and analysis of a single remaining (as installed as part of historical investigations) groundwater monitoring well from within the site;
- Installation, sampling and analysis of groundwater monitoring wells at key locations within the site and downgradient locations along Miller Road;
- Sampling and analysis of surface water within the open stormwater culvert located south-west of the site;
- Installation, sampling and analysis of soil vapour probes within the site;
- Hazardous ground gas data collected from appropriate monitoring wells within the network;
- Laboratory analysis data for COPCs;
- Site assessment criteria (**Section 6**) for potentially impacted media for COPCs as appropriate to potential future land uses; and
- Confirmation that data generated by sampling and analysis are of an acceptable quality to allow reliable comparison by assessment of quality assurance / quality control as per the data quality indicators established in **Section 5.6**.

5.4 Define the Study Boundaries

The study boundaries are limited to site extent (**Section 2.1**), adjacent land on Miller Road and the open stormwater culvert downgradient of the site as shown on **Figure 2** onward.

The final vertical extent of investigation works was 8.5 m bgs, consistent with the maximum depth of investigations completed as part of groundwater monitoring.

Due to the project objectives, seasonality will not be assessed as part of the investigation. Data is therefore representative of the timing and duration of the investigation.

5.5 Develop a Decision Rule

The decision rules adopted to answer the decisions identified in **Section 5.2** are summarised in **Table 5.1**.

Table 5.1: Summary of Decision Rules

Decision Required to be Made	Decision Rule
1. <i>Has the extent of CHC impacts in soil vapour been appropriately and sufficiently delineated?</i>	Where there is sufficient site coverage of vapour samples in areas potentially affected by CHCs (as inferred from historical operations and both vapour and groundwater results) such that there is high confidence that the areas of impact which require management have been defined, then the answer to the decision was Yes. Otherwise, the answer to the decision was No and further assessment will be required.
2. <i>Are there any unacceptable human health or ecological risks to downgradient receptors from CHC impacted groundwater underlying the site?</i>	On-site shallow groundwater analytical data will be compared against EPA endorsed criteria (Section 6). If contaminant concentrations exceeded these criteria at the downgradient boundary of the site and were additionally detected at downgradient off-site locations (along Miller Road and within the surface water of the open stormwater culvert) at levels of concern, then the answer to the decision was Yes. Otherwise the answer to the decision was No.
3. <i>Are the elevated levels of methane measured at the site consistent with 'low risk' hazardous ground gas conditions as defined in EPA (2020)?</i>	Hazardous ground gas conditions will be assessed within the monitoring well network under a range of meteorological conditions in order to determine the worst-case Gas Screening Value (GSV) at the site. If the worst-case GSV is consistent with 'low risk' hazardous ground gas conditions as defined in EPA (2020), the answer to the decision was Yes. Otherwise, the answer to the decision was No and further assessment and/or gas mitigation controls may be required to be incorporated into the future building design.
4. <i>Has the extent of required remediation at the site been appropriately defined?</i>	If the dataset adequately addresses Questions 1-3, then the answer to the decision was Yes. Otherwise, the answer to the decision was No and further assessment will be required.

5.6 Specific Limits on Decision Errors

This step is to establish the decision maker's tolerable limits on decision errors, which are used to establish performance goals for limiting uncertainty in the data. Data generated during this project must be appropriate to allow decisions to be made with confidence.

Specific limits for this project have been adopted in accordance with the appropriate guidance from the NSW EPA, NEPC (2013), ANZECC (2000), DEC (2007)¹³, appropriate data quality indicators (DQIs) used to assess QA/QC, and standard JBS&G procedures for field sampling and handling.

The pre-determined DQIs established for the project are discussed below in relation to precision, accuracy, representativeness, comparability, completeness, and sensitivity (PARCCS parameters), and are shown in Table 5.2.

- **Precision** - measures the reproducibility of measurements under a given set of conditions. The precision of the laboratory data and sampling techniques is assessed by calculating the Relative Percent Difference (RPD¹⁴) of duplicate samples.
- **Accuracy** - measures the bias in a measurement system. The accuracy of the laboratory data that are generated during this study is a measure of the closeness of the analytical results obtained by a method to the 'true' value. Accuracy is assessed by reference to the analytical results of laboratory control samples, laboratory spikes and analyses against reference standards.
- **Representativeness** –expresses the degree which sample data accurately and precisely represent a characteristic of a population or an environmental condition. Representativeness is achieved by collecting samples on a representative basis across the site, and by using an adequate number of sample locations to characterise the site to the required accuracy.
- **Comparability** - expresses the confidence with which one data set can be compared with another. This is achieved through maintaining a level of consistency in techniques used to collect samples; ensuring analysing laboratories use consistent analysis techniques and reporting methods.
- **Completeness** – is defined as the percentage of measurements made which are judged to be valid measurements. The completeness goal is set at there being sufficient valid data generated during the study.
- **Sensitivity** – expresses the appropriateness of the chosen laboratory methods, including the limits of reporting, in producing reliable data in relation to the adopted criteria.

If any of the DQIs are not met, further assessment of the data set is required in order to determine whether the non-conformance has significant effects on the usefulness of the data. Corrective action to correct an adverse impact on the reliability of the dataset may include, but is not limited to, the request of further information from samplers and/or analytical laboratories, downgrading of the quality of the data or alternatively, re-collection of the data.

Table 5.2: Data Quality Indicators

Data Quality Objective	Frequency	Data Quality Indicator
Precision		
Blind duplicates (intra laboratory)	1 / 20 samples	<50% RPD ¹
	1 / 10 samples for PFAS	<50% RPD ¹
Blind duplicates (inter laboratory)	1 / 20 samples	<50% RPD ¹
	1 / 10 samples for PFAS	<50% RPD ¹
Accuracy		

¹³ Contaminated Sites: Guidelines for the Assessment and Management of Groundwater Contamination. NSW Department of Environment and Conservation 2007 (DEC 2007)

¹⁴ C_o = analyte concentration of the original sample, C_d = analyte concentration of the duplicate sample

$$RPD(\%) = \frac{|C_o - C_d|}{C_o + C_d} \times 200$$

Data Quality Objective	Frequency	Data Quality Indicator
Laboratory duplicates	1 / 20 samples	<50% RPD ¹
Surrogate spikes	All organic samples	70-130%
Laboratory control samples	1 per lab batch	70-130%
Matrix spikes	1 per lab batch	70-130%
Representativeness		
Sampling appropriate for media and analytes		-
Laboratory blanks	1 per lab batch	<LOR
Samples extracted and analysed within holding times.	-	14 days for principal COPCs
Trip spike (for volatiles)	1/sampling event	70-130% recovery
Trip blank (for volatiles)	1/sampling event	<LOR
Rinsate blank	Daily for reusable equipment	<LOR
Leak Detection (soil vapour)	All soil vapour sample locations	Leak detection compound <10% of concentration achieved in shroud
Comparability		
Standard operating procedures for sample collection & handling	All samples	All samples
Standard analytical methods used for all analyses	All samples	All samples
Consistent field conditions, sampling staff and laboratory analysis	All samples	All samples
Limits of reporting appropriate and consistent	All samples	All samples
Completeness		
Sample description and COCs completed and appropriate	All samples	All samples
Appropriate documentation	All samples	All samples
Satisfactory frequency and result for QC samples	All QA/QC samples	-
Data from critical samples is considered valid	-	Critical samples valid
Sensitivity		
Analytical methods and limits of recovery appropriate for media and adopted Site assessment criteria	All samples	LOR ≤ Site assessment criteria Asbestos: sample size greater than 500ml to enable LOR to be less than or equal to adopted site assessment criteria (where relevant)

¹ If the RPD between duplicates is greater than the pre-determined data quality indicator, a judgment will be made as to whether the excess is critical in relation to the validation of the data set or unacceptable sampling error is occurring in the field.

² Recoveries to also be assessed against laboratory adopted limits.

To summarise the anticipated elements of the QA/QC program that will require to be incorporated with the field works:

- Preparation of blind and split duplicates in the field at a frequency of one duplicate per 20 primary samples respectively for each of the media and primary analytes assessed;
- Inclusion of trip spike samples in sample batches containing sample analysis for VOCs;

- Inclusion of trip blank samples in a representative number of analytical batches and analysis for relevant analytes as specific to the batch; and
- Preparation of rinsate blanks in any instance where non-disposable / non laboratory supplied equipment / containers are used.

5.7 Optimise the Design of Obtaining Data

The strategy to address the identified data gaps from the RAP (JBS&G 2021c) are detailed following:

- **AEC 2A:** *Further refining of the extent of contaminated soil and/or soil-vapour as identified in JBS&G (2021b) to be present within the waste processing yard.*

A systematic soil vapor assessment was conducted in the southwestern portion of the site, targeting areas not previously evaluated in JBS&G (2021a, 2021b). Sampling was performed at a density corresponding to an approximate 15 m grid, consistent with prior investigations, and deemed sufficiently rigorous to ascertain the presence of any significant source materials in these zones (refer to **Figure 4a** for sampling locations). Notably, the assessment incorporated a substantial number of sampling points in the southwestern portion, positioned downgradient from known sources of CHC impacts at the site—including the dome—as well as underlying or downgradient from former workshop areas; these points additionally overlie zones of documented CHC impacts in groundwater on the site.

The assessment further encompassed sampling around Building A (where a potential UST is located) and within the driveway north of Building A, to delineate impacts in the waste processing yard, as previously documented in JBS&G (2021c). Sampling beneath stockpile SPO1 was not feasible during the current investigations due to access restrictions. However, additional groundwater monitoring wells (MW29–MW32, as shown in **Figures 3**) were installed around the stockpile to provide preliminary indications regarding the potential presence of significant source materials in the underlying strata. Furthermore, the majority of former site infrastructure with elevated potential to induce CHC impacts (refer to **Figure 2a**) was not situated beneath the SPO1 area.

- **AEC 2B:** *Delineation of the extent of the CHC plume migrating over the western site boundary. Assessment of human health and ecological risks posed by CHCs in groundwater.*

Upon mobilization to the site, it was ascertained that all historical monitoring wells, with the exception of MW03, had either been removed or decommissioned, or could not be located (the latter being improbable given their prior surveying). Consequently, additional monitoring wells targeting the shallow aquifer were installed systematically both on-site and at key downgradient locations along Miller Road. Furthermore, surface water sampling was conducted in Byrnes Creek, the discharge receptor for shallow groundwater in the vicinity. Sampling locations are depicted in **Figures 3**, with the rationale detailed below:

- MW33 and MW34, situated in the northwestern portion, were installed at locations where elevated concentrations of CHCs were previously documented in soil vapor. MW24 is positioned downgradient of this area along Miller Road.
- MW26, MW27, and MW28 are located in the central portion within the waste processing area. These serve as key upgradient monitoring wells to delineate the lateral extent of the CHC plume emanating from the zone exhibiting the highest CHC concentrations in shallow groundwater (i.e., monitoring well JBBH60/MW12). Additionally, localised CHC impacts have been reported in vapour this area as part of historical investigations.
- MW29–MW32 are positioned surrounding stockpile SP01 and were installed to evaluate the potential presence of additional significant CHC source materials beneath SP01. Moreover, these wells were screened across the vadose zone to enable a preliminary

assessment of hazardous ground gases, given the elevated methane concentrations reported in prior vapor sampling investigations.

- MW25 and MW35–MW38 are located in the southwestern portion and were installed systematically to supplement historical data and delineate the extent of impacts within the site. MW18–MW23 are situated along Miller Road and at key downgradient locations relative to CHC impacts in site groundwater.
- **AEC 3:** *Delineation of the extent of contaminated soil and/or soil-vapour within the northern portion of the site.*

As consistent with AEC2a, a systematic vapour sampling approach was conducted around areas of CHC impact identified within historical investigations. A total of 6 vapour sampling locations were completed as shown on **Figure 4a**. In addition, monitoring wells (MW33 and MW34) were installed within the area as detailed above.

- **AEC 8:** *Assessment of the potential source of HGG detected at JBSV51, JBSV52, JBSV103, JBSV112, JBSV123, JBSV128, JBSV144, JBSV156 and JBSV157. Noting that the methane concentrations being detected along the eastern end of the waste processing yard were consistently elevated, it is likely that this assessment of soil vapour will need to extend beneath the stockpile SP01 (i.e. into the area of AEC9).*

A preliminary HGG assessment, encompassing measurements of flow rates and concentrations in selected monitoring wells, was conducted as part of this investigation. This assessment targeted locations surrounding stockpile SP01 (MW29–MW31), where elevated methane concentrations were historically documented, likely attributable to organic matter interspersed within the stockpiled materials. Due to the shallow groundwater table (<0.5 m bgl) in the southwestern portion and waste processing yard—where installed monitoring wells were screened below the water table—these wells were considered unsuitable for HGG evaluation. The remaining monitoring wells (MW33 and MW34) were assessed to provide initial insights into probable gas flow rates (considering the consistent clay lithology across the site) and gas composition (noting the sporadic occurrence of carbon dioxide reported site-wide). It is noteworthy that, owing to time constraints, monitoring could not be performed under a potential worst-case meteorological scenario, rendering the assessment preliminary in nature. **Figure 3** depicts the HGG sampling locations.

5.7.1 Sampling Methodology

Sub-slab Vapour Probe Installation

The following methodology was adopted for the installation of sub-slab vapour probes across the assessed areas of the site (all covered in hardstand):

- A 16 mm diameter hole was drilled through the concrete slab at each location, with the encountered slab thickness typically being 100-200 mm; and
- A VaporPin metallic probe was installed following the manufacturer's instructions, which briefly comprised hammering the probe with a silicone sleeve (to ensure an air-tight seal) into the drilled hole to the depth of the encountered slab thickness.

Sub-slab sampling and Analysis

The following methodology was adopted to sample the installed sub-slab and soil vapour probes:

- A GFM436 gas detector was used to purge each probe for approximately 30 seconds. Gas readings were monitored until oxygen and photo-ionisation detector (PID) readings had stabilized;

- Following this, a leak detection evaluation was completed via placement of an isopropyl alcohol-soaked rag within an air-tight box containing the sample train located on top of the probe. Elevated PID readings (in excess of previously established and stable PID recordings) on the gas detector were assumed to indicate a leaking probe. Any leaking probes required re-installation and were re-checked prior to sampling using the same method;
- Following preliminary confirmation of the absence of any significant leaks, sub-slab vapour samples were collected onto SKC-anasorb carbon tubes. An isopropyl alcohol-saturated rag was maintained in an air-tight box (sealed container containing sample train) throughout purging and sampling for laboratory confirmation of potential leaks. A shroud was used in the chamber to maintain an isopropyl alcohol-rich atmosphere over the sampling location. At all sample locations, a 6 L volume was collected using a calibrated pump at a flow rate of 100 mL/min (60 min sample time) onto a carbon tube; and
- Following sample collection, the carbon tubes were removed, capped, and stored in a cool, dry, and dark container that excluded light, prior to analysis for VOC 8260.

Groundwater Monitoring Well Installation

Soil bores were advanced to the nominated depth targeting shallow groundwater using solid flight auger. Boreholes were advanced to the target depth based on conditions encountered (lithology/geology conditions encountered) during drilling where the depth of monitoring wells were approximately 3.5-8.5 m bgs (or 1-2 m below encountered groundwater levels). The wells were constructed in accordance with relevant NSW EPA endorsed guidance such as National Uniform Drillers Licensing Committee, 2012, *Minimum Construction Requirements for Water Bores in Australia*, and Victoria EPA, 2000, *Publication 669 Groundwater Sampling Guidelines*.

Monitoring wells were constructed using Class 18 uPVC (with ID of 50 mm) screen and casing. A 1-7 m (but typically 3 m) screened interval was used in the construction of each monitoring well. A gravel filter pack was placed adjacent to the screened interval with a 0.5 m bentonite seal above. The remaining bore annulus was backfilled with soil cuttings to the ground surface. The wells were finished with a lockable cap and flush-mounted gatic cover.

Well Development

Subsequent to well construction, each newly installed monitoring well was developed to remove fines, settle the filter pack and ensure representative groundwater samples could be collected. Well development was undertaken using a foot valve and single use HDPE tubing to remove a volume of water until field-measured water quality parameters (electrical conductivity, pH, dissolved oxygen, redox and temperature) had stabilised and where possible, purged water ran clear.

Groundwater Sampling

Monitoring wells were sampled after a minimum of 3-5 days subsequent to well development. The depth to standing water was gauged, and an assessment of the presence of light non-aqueous phase liquids/dense non-aqueous phase liquids (LNAPL/DNAPL) was made using an interface probe. The wells were then purged and sampled using a low-flow methodology with a peristaltic pump for all constituents. Field parameters of pH, conductivity, redox, and temperature were measured with field electrodes in a flow cell, and samples were then obtained once the parameters have stabilized such that:

- Consecutive EC readings were within 3%;
- Consecutive Eh readings were within 10 mV;
- Consecutive DO readings were within 10%; and
- Consecutive pH readings were within 0.05.

JBS&G utilised a low-flow peristaltic pump with dedicated PFAS-free tubing to purge and sample wells. JBS&G considers that this method is appropriate and does not result in measurable loss of VOCs when sampling at low flow rates in shallow groundwater, and provides a significantly lower risk of cross-contamination between locations due to the use of dedicated materials. Non-disposable groundwater monitoring equipment (i.e. interface probe) were decontaminated before and between sampling each sampling location by cleaning with a high-pressure water/ PFAS-free detergent spray, rinsing with water, and then air-drying. A rinsate sample was collected to assess the effectiveness of the decontamination procedures, where required.

Collected groundwater samples were immediately transferred to laboratory-supplied sample bottles in the order of those for most-volatile to least-volatile contaminants. New disposable gloves were used as part of the collection of all groundwater samples. The sample containers were then transferred to a chilled icebox for sample preservation prior to and during shipment to the testing laboratory. A chain-of-custody form was completed and forwarded with the samples. Samples were analysed at a NATA-accredited laboratory in accordance with the schedule presented in **Table 5.3**.

A record of gauging data, sample observations (including colour, odour, presence of LNAPL, DNAPL, sheens), and sampling method details was recorded. Blind and split duplicate groundwater samples were collected at a rate of one per 20 primary samples. A trip spike (BTEX only) and rinsate blank (for non-dedicated equipment) were collected with each batch of samples.

Hazardous Ground Gas Monitoring

Further, preliminary hazardous ground gas monitoring was required to confirm that conditions on site are likely consistent with 'low risk' criteria as provided in EPA (2020). This included a single round of discrete ground gas investigation in appropriate monitoring wells. The ground gas monitoring was completed using a ground gas analyser (GFM436) calibrated for the measurement of methane, carbon dioxide, carbon monoxide, hydrogen sulphide, carbon monoxide and oxygen. Flow rates were also measured to facilitate gas risk assessment, consistent with current guidelines.

5.8 Laboratory Analysis

JBS&G used project laboratories which are NATA registered Eurofins MGT¹⁵ as the primary laboratory and Australian Laboratory Services Environmental Pty Ltd (ALS)¹⁶ as the secondary laboratory) for the required analyses. In addition, the laboratory was required to meet JBS&G's internal Quality Assurance requirements. **Table 5.3** provides a summary of the sampling / analytical program completed as part of investigations.

Table 5.3: Sampling Analytical Program (Environmental Scope)

Sample Type	No. of Sampling Locations	Analyses (exc. QA/QC)
Groundwater	23 locations (22 newly installed, 1 existing)	TRH - 23 samples BTEX - 23 samples VOCs - 23 samples
Surface Water	3 locations	VOCs - 3 samples
Sub-slab vapour	59 locations	VOC 8260 - 59 samples Isopropanol (leak) - 59 samples Field monitoring of methane, carbon dioxide, oxygen and Hydrogen sulfide – 59 samples

¹⁵ <https://www.eurofins.com.au/>

¹⁶ <https://www.envirolab.com.au/>

6. Assessment Criteria

Generic tier 1 screening criteria has been adopted for each media assessed as part of this investigation in accordance with NEPC (2013) guidance and the potential future land-use presented in **Section 1.4**. Site-specific risk-based criteria will also be derived via the preparation of a human health risk assessment (HHRA) under separate cover.

6.1 Soil Assessment Criteria

Historical soil data collected was evaluated in **Section 4** against health-based criteria derived from:

- Health investigation levels for commercial / industrial land use (HIL-D) land-use as provided in *National Environment Protection (Assessment of Site Contamination) Measure, 1999 (as amended 2013)*, National Environment Protection Council (NEPC 2013);
- Aesthetic impacts have been assessed by on-site observations of soil staining and/or ACM and/or other anthropogenic materials;
- Health screening levels for direct contact and commercial / industrial land-use (HSL-D) as provided in Table A4 of CRC Care Technical Report no. 10, September 2011 (CRC Care 2011); and
- PFAS National Environmental Management Plan Version 3.0. The Heads of EPAs Australia and New Zealand, 2025 (HEPA 2025).

The health-based soil assessment criteria are summarised in **Table 6.1** and **Table 6.2** following. Generic Ecological Investigation Levels (EILs) and Ecological Screening Levels (ESLs) as applicable to commercial industrial land-use were also adopted for the purposes of screening potential risks to on-site ecological receptors.

Table 6.1: Chemical Contaminants in Soil Health Based Assessment Criteria (all units in mg/kg)

	Limit of Reporting (LOR)	Laboratory Method	Health Based Assessment Criteria Commercial / Industrial (HIL-D HSL-D)	Ecological Criteria
METALS				
Arsenic	2.0	ICP-AES (USEPA 200.7)	3000	160
Cadmium	0.4	ICP-AES (USEPA 200.7)	900	NC (no criteria)
Total Chromium ¹	1.0	ICP-AES (USEPA 200.7)	3600 ¹	310
Chromium (VI)	1.0	ICP-AES (USEPA 7189)	3600	NC
Copper	1.0	ICP-AES (USEPA 200.7)	240,000	85
Nickel	1.0	ICP-AES (USEPA 200.7)	6000	55
Lead	1.0	ICP-AES (USEPA 200.7)	1500	1800
Zinc	1.0	ICP-AES (USEPA 200.7)	400,000	110
Mercury (inorganic)	0.05	Cold Vapour ASS (USEPA 7471A)	730	NC
TRH (clay, 0 to <1m depth)				
F1 C ₆ -C ₁₀	20	Purge Trap-GCMS (USEPA8260)	310	215
F2 >C ₁₀ -C ₁₆	50	Purge Trap-GCMS (USEPA8260)	NL (non-limiting)	170
Benzene	0.1	Purge Trap-GCMS (USEPA8260)	4	75
Toluene	0.1	Purge Trap-GCMS (USEPA8260)	NL	135
Ethylbenzene	0.1	Purge Trap-GCMS (USEPA8260)	NL	165
Total Xylenes	0.3	Purge Trap-GCMS (USEPA8260)	NL	180
Naphthalene	0.1	Purge Trap-GCMS (USEPA8260)	NL	370
OCPs				
DDT	0.3	GCECD (USEPA8140,8080)	NC	640
DDT + DDD + DDE	0.3	GCECD (USEPA8140,8080)	3,600	NC
Aldrin + Dieldrin	0.2	GCECD (USEPA8140,8080)	45	NC
Chlordane	0.1	GCECD (USEPA8140,8080)	530	NC
Endosulfan	0.3	GCECD (USEPA8140,8080)	2,000	NC
Endrin	0.1	GCECD (USEPA8140,8080)	100	NC
Heptachlor	0.1	GCECD (USEPA8140,8080)	50	NC
Hexachlorobenzene	0.1	GCECD (USEPA8140,8080)	80	NC
Methoxychlor	0.1	GCECD (USEPA8140,8080)	2,500	NC
PAHs				
Carcinogenic PAHs (as B(a)P TEQ)	0.5	GCMS (USEPA8270)	40	NC
Total PAHs	0.5	GCMS (USEPA8270)	4,000	NC
PCBS				
PCBs (total)	0.5	GCECD (USEPA8140,8080)	7	NC
PFAS				
PFOA	0.005	LC-MS	50	10
Sum of PFHxS and PFOS	0.005	LC-MS	20	0.003 (indirect) / 1 (direct exposure)

1. Total chromium results used as an initial screening tool for chromium (VI). Where total chromium results exceeded screening criteria, confirmatory chromium (VI) analysis was completed for direct comparison to published criteria.

Asbestos in soil thresholds adopted for the site assessment are nominated in **Table 6.2** below.

Table 6.2: Asbestos in Soil Health Based Assessment Criteria (all units in % w/w)

Form of Asbestos	Commercial / Industrial (D)
Bonded ACM	0.05 %
Fibrous asbestos or asbestos fines	0.001 %
All forms of asbestos	No visible ACM for surface soil (0 – 0.1 m bgs).

6.1 Groundwater and Surface Water Assessment Criteria

6.1.1 On-site Receptors

Site groundwater is saline (non-potable) and there are no beneficial uses of groundwater within the site or in close proximity. As such, the only potential exposure pathway to impacted groundwater for future site users is via vapour intrusion of volatile constituents. It is noted that there were limited Tier 1 screening criteria for the assessment of inhalation exposures within indoor settings / poorly ventilated environments (located either on-site or off-site). To this extent, consideration should be given to potential inhalation risks of volatile constituents reported above detection limits primarily through reference to the vapour assessments. Moreover, groundwater health screening levels (HSLs) for vapor intrusion of TRH and BTEXN in clay-based soils and groundwater at depths between 2 m and < 4 m, as provided in NEPC (2013), have been used to screen potential risks to on-site receptors from these constituents. It is noted, however, that the risks from vapor intrusion have primarily been assessed empirically through the vapor assessment. Therefore, the HSLs presented in **Table 6.3** are primarily intended for screening purposes and to corroborate the results of the vapor investigation.

6.1.2 Off-site Receptors

Groundwater, porewater and surface water data were compared to guidelines provided to ANZG (August 2018¹⁷) for freshwater ecosystems protective of 95% of species as screening values protective of downgradient ecological receptors as consistent with the water quality objectives for the Georges River catchment¹⁸. With respect to the assessment of recreational exposures down-gradient of the site, data has been compared to drinking water guidelines as summarised in NEPC (2013) and adjusted by an order of magnitude consistent with a recreational exposure being the most likely sensitive potential exposure pathway. It is noted that **Table 6.3** includes constituents (such as heavy metals) that were assessed as part of historical investigations and evaluated in **Section 4** – as well as those assessed herein (TRH and VOCs).

Table 6.3: Water Investigation Levels (all units are µg/L unless otherwise shown)

Analyte	Limit of Reporting	Laboratory Method	Recreational Criteria ¹ (Protective of recreational exposures downgradient of the site)	Aquatic Ecosystem Criteria ² (Protective of ecological receptors downgradient of the site)	HSL –Commercial / Industrial ³ (Protective of onsite receptors via vapour intrusion)
METALS					
Arsenic (As V)	1.0	ICP-AES (USEPA 200.8)	100	13	NC (no criteria)
Cadmium	0.1	ICP-AES (USEPA 200.8)	20	0.2	NC
Chromium (III) ³	1.0	ICP-AES (USEPA 200.8)	NC (no criteria)	3.3	NC
Chromium (VI) ³	1.0	ICP-AES (USEPA 200.8)	500	1.0	NC
Copper	1.0	ICP-AES (USEPA 200.8)	20000	1.4	NC
Lead	1.0	ICP-AES (USEPA 200.8)	100	3.4	NC
Nickel	1.0	ICP-AES (USEPA 200.8)	200	11	NC
Zinc	1.0	ICP-AES (USEPA 200.8)	NC	8	NC
Mercury	0.5	ICP-AES (USEPA 200.8)	10	0.6	NC
TOTAL RECOVERABLE HYDROCARBONS					
F1 C ₆ -C ₁₀	10	P&T GC/MS (USEPA 8020A, 8000)	NC	NC	Non-limiting (NL)
F2 >C ₁₀ -C ₁₆	50	P&T GC/MS (USEPA 8020A, 8000)	NC	NC	NL
BTEX					

¹⁷ Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZG, August 2018)

¹⁸ <https://www.environment.nsw.gov.au/ieo/georgesriver/report-02.htm>

Analyte	Limit of Reporting	Laboratory Method	Recreational Criteria ¹ (Protective of recreational exposures downgradient of the site)	Aquatic Ecosystem Criteria ² (Protective of ecological receptors downgradient of the site)	HSL –Commercial / Industrial ³ (Protective of onsite receptors via vapour intrusion)
Benzene	1.0	P&T GC/MS (USEPA 8020A)	10	950	30000
Toluene	1.0	P&T GC/MS (USEPA 8020A)	8000	180	NL
Ethylbenzene	1.0	P&T GC/MS (USEPA 8020A)	3000	80	NL
m-Xylene	1.0	P&T GC/MS (USEPA 8020A)	6000 (total Xylene)	350	NL
p-Xylene	2.0	P&T GC/MS (USEPA 8020A)		75	NL
o-Xylene	2.0	P&T GC/MS (USEPA 8020A)		NC	NL
POLYCYCLIC AROMATIC HYDROCARBONS					
Naphthalene	0.01	GCMS (USEPA8270)	NC	16	NC
Fluoranthene	0.01	GCMS (USEPA8270)	NC	1.4	NC
Phenanthrene	0.01	GCMS (USEPA8270)	NC	2.0	NC
Benzo(a)pyrene	0.01	GCMS (USEPA8270)	0.1	0.2	NC
VOLATILE ORGANIC COMPOUNDS					
PCE	1.0	P&T GC/MS (USEPA 8020B)	500	70	NC
TCE	1.0	P&T GC/MS (USEPA 8020B)	NC	330	NC
Cis-1,2-DCE	1.0	P&T GC/MS (USEPA 8020B)	360	NC	NC
Trans-1,2 DCE	1.0	P&T GC/MS (USEPA 8020B)	3600	NC	NC
VC	1.0	P&T GC/MS (USEPA 8020B)	3	100	NC
PFAS COMPOUNDS					
PFOS	0.01	LC-MS	NC	0.13 ⁴	NC
PFOA	0.01	LC-MS	10 ⁵	220 ⁴	NC
Sum of PFHxS and PFOS	0.01	LC-MS	2 ⁵	NC	NC
MISCELLANEOUS					
Formaldehyde	100	GCMS (USEPA8270)	5,000	NC	NC
PHENOLS					
2,4,6-trichlorophenol	2	GCMS (USEPA8270)	200	20	NC
2,4-dichlorophenol	2	GCMS (USEPA8270)	2,000	160	NC
2,4-dinitrophenol	2	GCMS (USEPA8270)	NC	45	NC
2-chlorophenol	2	GCMS (USEPA8270)	3,000	490	NC

Notes:

1. 10 times drinking water NHMRC (2011) – Protective of recreational exposures downgradient of the site.
2. Ecological Criteria ANZG (2018) 95% Fresh Waters reliability, unless otherwise noted – Protective of ecological receptors downgradient of the site.
3. Total chromium analysis results used as an initial screening tool. Where total chromium results exceeded screening criteria, confirmatory chromium speciation was required for direct comparison to published criteria.
4. Aquatic Criteria from NEMP (2025) for fresh waters with 95% protection level is considered most appropriate to this assessment given the industrial site setting.
5. Recreational Criteria from NEMP (2025)
6. Not all analytes included in Table 6.3 – refer to Table B2 (Appendix A) for criteria applicable to all compounds analyzed (where available)

6.2 Vapour Assessment Criteria

Vapour concentrations in sub-slab vapour were compared against published levels as presented in **Table 6.4**, as sourced from Health based Investigation and Screening Levels (HILs and HSLs) for vapour intrusion under commercial land-use – NEPC 2013, HIL-D, HSL-D (clay, depth 0m to <1m bgs). Where compounds were detected in sub-slab vapour for which there are no published Australian guideline values, reference was made to screening criteria in US EPA Region 9 Screening Levels in Industrial Air (for composite workers) as

adjusted by an attenuation factor of 0.1 in accordance with the footnote from Table 1A(2) NEPC (2013) – any further adjustments to reflect different target risk levels for carcinogens will be deferred to the HHRA.

Table 6.4: Soil Vapour Investigation Levels (mg/m³)

Contaminant	Limit of Reporting	Laboratory Method	NEPC (2013) HSL-D (clay, 0m to <1m bgs)	NEPC (2013) Interim Soil Vapour HIL (HIL-D)	USEPA RSLs Industrial Air
TRH F1	3.2	USEPA 8260	1000	NC (no criteria)	-
TRH F2	3.2	USEPA 8260	800	NC	-
Benzene	0.08	USEPA 8260	5	NC	-
Toluene	0.08	USEPA 8260	6500	NC	-
Ethylbenzene	0.08	USEPA 8260	1800	NC	-
Total Xylenes	0.08	USEPA 8260	1200	NC	-
Naphthalene	0.08	USEPA 8260	4	NC	-
PCE	0.08	USEPA 8260	NC	8	-
TCE	0.08	USEPA 8260	NC	0.08	-
Cis 1,2 DCE	0.08	USEPA 8260	NC	0.3	-
1,1,1 TCA	0.08	USEPA 8260	NC	230	-
VC	0.08	USEPA 8260	NC	0.1	-
1,1,2-trichloroethane	0.08	USEPA 8260	NC	NC	0.00088
1,1-dichloroethane	0.08	USEPA 8260	NC	NC	0.077
1,3-dichloropropane	0.08	USEPA 8260	NC	NC	0.018
Carbon Tetrachloride	0.08	USEPA 8260	NC	NC	0.02
Trichlorofluoromethane	0.08	USEPA 8260	NC	NC	NC
1,1-dichloroethene	0.08	USEPA 8260	NC	NC	0.88
4-chlorotoluene	0.08	USEPA 8260	NC	NC	NC
trans-1,2-dichloroethene	0.08	USEPA 8260	NC	NC	1.8
Decane	0.08	USEPA 8260	NC	NC	NC
Nonane	0.08	USEPA 8260	NC	NC	0.088
Hexane	0.08	USEPA 8260	NC	NC	3.1
Acetone	0.08	USEPA 8260	NC	NC	NC
Chlorobenzene	0.08	USEPA 8260	NC	NC	0.22
1,2,4-trimethylbenzene	0.08	USEPA 8260	NC	NC	0.26
1,3,5-trimethylbenzene	0.08	USEPA 8260	NC	NC	0.26
n-butylbenzene	0.08	USEPA 8260	NC	NC	NC
n-propylbenzene	0.08	USEPA 8260	NC	NC	4.4
p-isopropyltoluene	0.08	USEPA 8260	NC	NC	0.18
sec-butylbenzene	0.08	USEPA 8260	NC	NC	NC
Styrene	0.08	USEPA 8260	NC	NC	4.4
Isopropylbenzene	0.08	USEPA 8260	NC	NC	1.8
2,2,4-Trimethylpentane	0.08	USEPA 8260	NC	NC	NC
Cyclohexane	0.08	USEPA 8260	NC	NC	260
Chloroform	0.08	USEPA 8260	NC	NC	0.0053
Bromodichloromethane	0.08	USEPA 8260	NC	NC	0.0033

It is noted that some detection limits have slightly exceeded the adopted investigation levels. This is not considered significant as it is likely that the remediation criteria that will be adopted for soil vapour on the site will be increased by a factor of 100 (for non-petroleum compounds). The purpose of the vapour investigation is to identify potentially significant sources of vapours that would influence remedial planning.

6.3 Hazardous Ground Gases

Ground gas data was assessed against the guideline values presented in *Assessment and Management of Hazardous Ground Gases*, NSW EPA 2020 (EPA 2020), using both concentrations and flow rates to enable presentation of Gas Screening Values (GSVs) to provide a preliminary indication as to risk levels (if any) presented by hazardous ground gas at the site.

The GSV was calculated via multiplication of the maximum borehole flow rate (L/hr) and the maximum gas concentration (%) for both methane and carbon dioxide gases. The worst-case result for all monitoring wells is required to be adopted in accordance with EPA (2020) in defining the gas management requirements for the site. The calculated GSV value for each monitoring location was compared against the characteristic gas situation (CS) rating as per the modified Wilson and Card Classification (EPA 2020) presented in **Table 6.5** below.

Table 6.5: Gas Screening Value and Risk Classification Thresholds

GSV (L/hr) Threshold	Characteristic Gas Situation (CGS)	Risk Classification	Additional Factors
<0.07	1	Very Low Risk	Typically methane <1 % v/v and/or carbon dioxide < 5 % v/v, otherwise consider increase to CGS Category 2
<0.7	2	Low Risk	Borehole flow rate not to exceed 70 L/hr, otherwise consider increase to CGS Category 3
<3.5	3	Moderate Risk	-
<15	4	Moderate to High Risk	Consider need for Level 3 risk assessment
<70	5	High Risk	Level 3 risk assessment required
>70	6	Very High Risk	

7. Quality Assurance / Quality Control

Data quality indicators (DQIs) have been calculated as per the requirements of **Table 4.2** and are summarised in **Table 7.1** following. Laboratory reports are provided as **Appendix F**, with summarised QA/QC results presented in **Appendix F**.

Table 7.1: Summary of Quality Assurance / Quality Control Assessment

Data Quality Indicator	Frequency	Results Reported	DQI met
Precision			
Blind duplicates – vapour (carbon tubes)	3/59 (comparison against analysis of tube front)	0-166% RPD	See discussion below
Blind and split duplicates – groundwater	2/22	0-25 % RPD	Yes
Laboratory duplicates – vapour	2/26	<LOR % RPD	Yes
Laboratory duplicates – groundwater	11/22	<LOR-40 % RPD	Yes
Accuracy			
Surrogate spikes –vapour	All samples for organic constituent analysis	70-174 % recovery	See discussion below
Surrogate spikes – groundwater	All samples for organic constituent analysis	70-130 % recovery	Yes
Laboratory control samples	-	70-130 % recovery	Yes
Matrix spikes	-	70-130 % recovery	Yes
Representativeness			
Sampling appropriate for media and analytes	All media	All sampling appropriate	Yes
Samples extracted and analysed within holding times.	Various	All samples extracted and analysed within holding times	Yes
Method blank	All analytes	<LOR	Yes
Trip blank (groundwater)	1/sampling event	<LOR	Yes
Trip Spike (groundwater)	1/sampling event	Recovery within 70-130%	Yes
Field Blank	Per media and sampling event	<LOR	Yes
Leak detection (Vapour)	All samples	<10 % leak detection compound concentration	Yes
Comparability			
Standard operating procedures for sample collection & handling	All samples	Standard procedures for all sampling	Yes
Standard analytical methods used for all analyses	All samples	Standard analytical methods	Yes
Consistent field conditions, sampling staff and laboratory analysis	All works	Consistent field staff and consistent field and laboratory conditions	Yes
Limits of reporting appropriate and consistent	All samples	LORs appropriate and generally consistent	Yes
Completeness			
Sample description and COCs completed and appropriate	All samples	Field documentation and COC provided and completed	Yes
Appropriate documentation	All works	Documentation provided and completed	Yes
Satisfactory frequency and result for QC samples	All samples	See discussion below	Yes
Data from critical samples is considered valid	-	Critical samples valid	Yes
Sensitivity			
Analytical methods and limits of recovery appropriate for media and adopted Site assessment criteria	All samples	LOR ≤ site assessment criteria	Yes

The results of QA/QC samples outside the acceptance criteria are discussed below.

7.1 Precision

Vapour Duplicates

Analysis of blind duplicate carbon tube vapour samples met the required frequency. The resultant RPDs were largely within the preferred range. As a conservative measure, the highest reported concentration of each constituent at each location will be considered when interpreting the results of the investigation.

Water Duplicates

Water blind and split duplicates were collected at a rate of greater than 1 per 20 primary samples for all class of compounds. The resultant RPD were all within the preferred range and acceptable limits.

7.2 Accuracy

Surrogate Spikes

Water and soil vapour surrogate spikes were conducted on all samples submitted for organic constituent analysis and most recoveries were reported within the preferred range (70-130 %). A single surrogate (in vapour) was reported above the preferred range, but largely within the laboratories acceptable limits (typically between 50 and 150 % recovery) under their NATA accreditation. Elevated surrogate recoveries indicate the reported concentrations may potentially be greater than the actual concentrations. Taking this into account it is considered that the sample with a slightly elevated recovery does not affect the reliability of the data for this investigation or have a material impact on management decisions.

Matrix Spikes

The number of matrix spikes analysed exceeded the required frequency of 1 in 20 samples for water analysis. The reported matrix spike recoveries were within JBS&G's preferred range (70-130 %) indicating interference was not a factor affecting the accuracy of the results.

Matrix spikes are not conducted for laboratory analysis of carbon tubes.

7.3 Laboratory Control Samples

A sufficient number of laboratory control samples were analysed for all media types. The reported laboratory control sample recoveries were within the JBS&G preferred range (70-130 %).

7.4 Representativeness

Sampling appropriate for media and analytes

Groundwater and soil vapour sampling works completed during the investigation were conducted in accordance with JBS&G standard operating procedures. Groundwater sampling was completed using a low flow peristaltic pump which are also considered appropriate for the potential site contaminants in groundwater. The sub-slab soil vapour sampling methods were considered appropriate for the media and the analytes targeted. Sub-slab soil vapour pins were correctly installed, sealed and leak detection was performed. The SKC Anasorb tubes used were appropriate for the COPCs. Flow rate and total volume for each sample was recorded.

Laboratory Blanks

There were no reported concentrations of contaminant compounds above the laboratory LOR in the laboratory method blanks for water and soil vapour analysis.

Holding Times

The extraction and analysis all soil vapour and groundwater samples were completed within the recommended holding times for all analytes.

Trip Spike

A trip spike was submitted with each batch of water samples. All trip spike recoveries were within the acceptable limit of 70-130 %, indicating that the adopted assessment sample preservation methods were appropriate to result in a low risk of contaminant concentration loss during transport of the samples.

Trip Blank

A trip blank was submitted with each batch of water samples submitted to the laboratory. There were no reported concentrations of BTEX compounds above the laboratory LOR thus demonstrating the absence of significant contaminant cross contamination issues during the temporary storage and transportation of samples analysed during this investigation.

Rinsate

Rinsate samples were collected during the groundwater sampling program. The reported concentration of all COPCs within the samples were below detection limits thus demonstrating that the sampling procedures did not result in the cross-contamination of samples.

Leak Detection

Leak detection was conducted on all soil vapour probes during sampling activities by firstly purging each probe with the gas detector. Following this an isopropyl soaked alcohol rag was placed around the base of each probe. PID readings were monitored and recorded. No significant leaks were identified by the PID during sampling.

However, one significant detection of 2-propanol was reported by the laboratory at SV245, which was located to the south of Building A, with corresponding concentrations reported below laboratory detection limits in all other analytes. This sample is therefore omitted from the sampling program and does not affect the overall representativeness of the dataset.

Carbon Tube Blanks

Field carbon tube blank with sample ID 'FB' was collected, in which all COPCs were reported at concentrations below detection limits. FB is equivalent to a trip blank, in which a blank tube was placed with the samples to confirm no cross-contamination during transport.

Back of Carbon Tube Analysis

The laboratory analyses both the front and back end of the tube to account for the following:

1. Sampling error, in which the sample is collected back-to-front as interpreted by the presence of contaminants on the back end of tube but not the front. This does not affect the reported concentrations and therefore precision/accuracy of dataset.
2. Oversaturation of the tube, where a contaminant rich sample exceeds the carbon binding capacity of the tube as interpreted by elevated concentrations in the front of the tube and detections in back of tube (breakthrough). This can result in the underestimation of contaminant concentrations.
3. Contaminant breakthrough of the tube, where some constituents (such as VC) do not bind as well to the carbon matrix. This is inferred from relatively low sample concentrations on the front end of the tube as well as detections on the back and can result in the underestimation of select contaminants. Based on JBS&G's experience, this is largely restricted to a small number of constituents and not the other primary contaminants of concern herein (e.g. TCE, PCE, cis,1-2-DCE, BTEX).

The laboratory did not report contaminants above the LOR on the back of tube analysis in the vast majority of samples. In the following samples, either no contaminants were reported on the front of tube but on the back (i.e. as per point 1 above) or relatively low levels were recorded in both ends (i.e. point 2); SV237, SV212, SV202 - further confirmatory sampling is not considered to be required for these samples given that the actual concentrations are likely very similar to those reported herein and therefore not going to result in key decisions with respect to remediation.

Potential oversaturation of the tube was reported in samples adjacent to Building A (SV249, SV253) and Building B (SV249 and SV253) – remediation is proposed in these areas and therefore potential underestimation of the reported concentrations is unlikely to affect remedial decisions at the site.

7.5 Comparability

Eurofins (primary laboratory) and ALS (secondary laboratory) were NATA accredited for comparable methods of analysis. Field works have been undertaken by a team of experienced samplers in accordance with the same standard operating procedure. All field documentation was appropriately completed.

7.6 Completeness

Documentation

All documentation is complete and correct.

Frequency for QC Samples

Frequency of analysis for the QC samples is considered sufficient to meet the objectives of the assessment.

7.7 Sensitivity

Laboratory LORs were generally below adopted criteria for assessed media, except for limited chlorinated alkane compounds (e.g., 1,2-EDC). This is not considered significant as it is likely that the remediation criteria that will be adopted for soil vapour on the site will be increased by a factor of 100 (for non-petroleum compounds). The purpose of the vapour investigation is to identify potentially significant sources of vapours that would influence remedial planning.

7.8 QA/QC Assessment

The field sampling and handling procedures produced QA/QC results which indicate that the soil vapour and groundwater data are of an acceptable quality and suitable for use in site characterisation.

The NATA certified laboratory results sheets indicate that the project laboratory was generally achieving levels of performance within its recommended control limits during the period when the samples from this program were analysed.

On the basis of the results of the field and laboratory QA/QC program, the soil, groundwater and soil vapour data are of an acceptable quality in order to achieve the objectives of the assessment.

8. Vapour Assessment Results

Sub-slab vapour sampling was completed at locations shown on **Figure 4a**. The methodology and rationale for the assessment are detailed in **Section 5.7**. The results are discussed in the following sections.

8.1 Field Parameters

Sub-surface ground gas parameters have been provided in **Table A1, Appendix A** and are summarised as follows:

- Sub-slab oxygen levels were largely low (i.e. in the range from 0-10 %) within the south-western portion. There were some isolated areas in which more elevated oxygen (i.e. in range of 10-20%) were reported in the south-western portion as well as the north-western area.
- PID measurements were largely low (i.e. <3 ppm) with the following exceptions:
 - SV209-SV211 (up to 5.9 ppm) which did not correlate with any elevated petroleum hydrocarbon or CHC impacts (refer to **Table A2, Appendix A**);
 - SV235 (31.8 ppm) which also did not correlate with any elevated petroleum hydrocarbon or CHC impacts (refer to **Table A2, Appendix A**); and
 - SV249, SVSV251 and SV253 (up to 172 ppm) which correlated with significant CHC impacts (refer to **Table A2, Appendix A** and **Section 8.2.2**).
- Carbon dioxide was detected at most locations, in which the maximum concentration was 7.6 % v/v (SV247). Consistent with historical investigations, the distribution (by review of percentage gas) appears randomly spread throughout the areas of assessment.
- The reported methane levels were below detection limits at most locations assessed. Within the south-western portion, some low-level detections (i.e. < 2 % v/v) were reported at isolated locations (e.g. SV201, SV210, SV240, SV250). More elevated concentrations (up to 21.7 % v/v) were reported under Building B, which correlated with petroleum hydrocarbon impacts (most notably benzene and xylene) suggesting the source of the methane in this area was the breakdown of these constituents.

8.2 Analytical Results

Sub-slab analytical data are presented in **Table A2, Appendix A** as screened against the tier-1 assessment criteria presented in **Section 6.2**. Any locations, where a compound exceeded the tier-1 assessment criteria are shown on **Figure 4a**.

8.2.1 Petroleum Hydrocarbons and Monocyclic Aromatic Hydrocarbons

The reported concentration of petroleum hydrocarbon constituents was largely low and below the adopted criteria (HSL-D) as consistent with historical investigations. The notable exception was underlying Building B, where benzene (up to 6.4 mg/m³) and xylene (up to 874 mg/m³) were reported to exceed the adopted criteria protective of human health (via vapour intrusion). The area of most significant impact appears relatively isolated, however, low levels of BTEX compounds were reported in areas surrounding Building B, both in historical and current investigations. Moreover, the BTEX impacts are co-occurring with monocyclic aromatic hydrocarbons (MAHs), in which the following constituents were reported at levels (all units in mg/m³) above the adopted criteria (USEPA RSLs):

- 1,2,4-trimethylbenzene (1,2,4-TMB): SV212 (5.3), SV217 (31);
- 1,3,5-trimethylbenzene (1,3,5-TMB): SV212 (5), SV217 (16);
- n-propylbenzene: SV217 (10); and

- Isopropylbenzene: SV217 (4.2).

It is noted that the petroleum hydrocarbon impacts in vapour underlying Building B appear to be sourced from the vadose zone, given that BTEX were reported below detection limits within shallow groundwater at MW36, located immediately adjacent to Building B.

8.2.2 Chlorinated Hydrocarbons

CHCs predominantly comprising of chlorinated ethene compounds (CEs); PCE, TCE, cis,1-2-DCE and VC were detected at various locations within the areas assessed, which is consistent with the primary COPCs identified in vapour as part of historical investigations. The reported concentrations of these CE compounds are presented on **Figures 4b-4e**.

The area of most significant impact was at locations SV250-SV253 (to the south-east of Building A) where PCE (up to 233 mg/m³), TCE (155 mg/m³) and cis,1-2-DCE (251 mg/m³) were reported at significantly exceeding the adopted health criteria. These impacts appear to be sourced from unsaturated soils rather than groundwater by reference to the relatively low levels reporting in shallow groundwater at MW07. Moreover, the impacts appear to be overlying a stormwater line indicating that it may be the source of historical releases. Relatively low levels of 1,1-dichlorethane (1,1-EDC) up to 0.87 mg/m³ was reported in vapour within this area which is noted to exceed the adopted criterion and will require further assessment as part of the HHRA.

Across the remaining areas assessed, the CE levels were relatively low (i.e. below detection limits or within 1 order of magnitude of the screening criteria) and did not correlate with groundwater impacts. For example, relatively low levels of CEs were reported in vapour at locations in the south-western corner of site (i.e. around JBHH45/MW07) as well as to the north-east of Building B (i.e. nearby JBHH60/MW12), where the areas of most significant CE impacts in shallow groundwater have been reported. As such, it appears the remaining CHC impacts in soil vapour are largely sourced from the vadose zone and not groundwater. These results are consistent with the findings from historical investigations.

9. Groundwater Assessment Results

The monitoring well sampling locations are shown on **Figures 3** and installation details for newly installed wells (MW18 to MW38) are provided in **Appendix B**. Groundwater sampling field data sheets are provided in **Appendix G**. Detailed laboratory reports and chain of custody documentation are provided in **Appendix F**.

9.1 Field Observations and Measured Parameters

Field observations and measured parameters have been summarised in **Table B1 and B2 (Appendix A)** and discussed following:

- Groundwater was generally slightly acidic to neutral (4.56 to 7.76);
- Redox potential (Eh) ranged from -27 mV to 181.3 mV;
- Electrical conductivity levels were moderate to high (805 $\mu\text{S}/\text{cm}$ to 22493 $\mu\text{S}/\text{cm}$);
- Dissolved oxygen levels were low to moderate (0.15 mg/L to 5.88 mg/L);
- No NAPL was measured during gauging of monitoring wells;
- Potential (i.e. slight) hydrocarbon odours were noted in purged water from two wells (MW25 and MW31);
- Sulfidic odours were noted in surface water from surface samples WR01, CH01 and CH02 along the Byrnes Creek Channel south-west of the site; and
- During soil sampling and monitoring well installation, groundwater was generally encountered between depth of approximately 0.5-3.0 m bgs.

9.2 Groundwater Levels

Groundwater elevations and inferred flow directions as related to shallow groundwater at the site as measured as part of the current investigation are shown on **Figure 3a**. Consistent with previous investigations, the inferred flow direction is to the south-west towards the open stormwater culvert. Survey information for the newly installed wells and base of the stormwater culvert are provided in **Appendix D**. It is noted that based on the elevations of groundwater at off-site locations, that shallow groundwater in the area discharges to the open stormwater culvert.

9.3 Groundwater Analytical Results

Groundwater analytical results have been summarised in **Table B3 (Appendix A)** and discussed in the following sections.

9.3.1 BTEXN and Monocyclic Aromatic Hydrocarbons

All BTEXN and MAHs were reported at levels below detection limits in all samples, with the exception of low levels of benzene in MW37 (0.002 mg/L). The reported concentration is below the adopted criteria protective of human health (via vapour intrusion and recreational exposures) and downgradient ecological receptors and therefore not considered to pose an unacceptable risk. As such, there were no petroleum hydrocarbon impacts identified within site groundwater that require remediation / management.

9.3.2 Chlorinated Hydrocarbons

Consistent with the vapour investigation (**Section 8**), CHCs predominantly comprising of TCE, cis,1-2-DCE and VC were detected in site groundwater. The reported concentrations of these constituents are presented in **Figures 3b-3e** (showing most recent monitoring results in historical wells and current results in newly installed wells) and discussed as follows:

- In the north-western portion (MW33-MW34) and downgradient location (MW24) all CHCs were reported at levels below detection limits (and therefore below the assessment criteria). As such, the localised CHC impacts identified in soil vapour within this area do not appear to be sourced from groundwater and/or indicative of gross impacts in the area.
- Within the south-western portion, the impacts within shallow groundwater appear consistent with an aged plume that is relatively localised. TCE and its daughter products cis,1-2-DCE and VC are present in varying concentrations consistent with the varying rates of degradation of the CE compounds within this area. The area of most significant impact is to the north-east of Building B (historical location MW12) where TCE and cis,1-2-DCE is present at 9.3 mg/L and 4.7 mg/L respectively. The TCE impacts at MW12 appear to attenuate to levels ranging from below detection limits (JBBH23) to a maximum of 4 mg/L (MW07) at locations along the downgradient, south-western boundary of the site. With further distance, the CE impacts attenuate to levels largely below detection limits, with the exception of some minor levels of cis,1-2-DCE (0.004 mg/L) and TCE (0.004 mg/L) at downgradient locations along Miller Road (MW20-MW21). The reported cis,1-2-DCE and TCE (in MW20 and MW21) concentrations are below criteria protective of downgradient receptors (both ecological and recreational exposures) indicating that impacted groundwater is not discharging from the site at levels posing a risk to downgradient receptors (as corroborated by surface water sampling (**Section 9.4**). Moreover, given the elevated levels of cis,1-2-DCE (up to 5.1 mg/L) and VC (0.17 mg/L) on the downgradient boundary the plume is clearly naturally attenuating. Further discussion with respect to the fate and transport of these constituents is provided in **Section 9.5**.

9.4 Surface Water Assessment

Surface water monitoring locations are shown on **Figures 3b-3e**) with analytical results provided in **Table B3, Appendix A**. In summary, CHCs were not reported above detection limits in any sample and therefore these constituents are not discharging from shallow groundwater at the site at levels posing a risk to receptors within Byrnes Creek and Georges River.

9.5 Hydraulic Conductivity

Hydraulic conductivity was evaluated by bail-down testing in two monitoring wells (MW35S and MW36), which intersect shallow groundwater in the southwestern portion of the site. The average hydraulic conductivity was determined to be 7.54×10^{-2} m/day (equivalent to 7.54 cm/day; refer to **Appendix I**). This relatively low hydraulic conductivity aligns with the site's geological characteristics, as evidenced by observations during well development wherein all monitoring wells were purged dry after removal of small volumes of groundwater. Furthermore, it is consistent with the observed isolation of the CE plume in the southwestern extent of the site, which exhibits substantial attenuation over a relatively short distance.

10. Preliminary Hazardous Ground Gas Assessment Results

The following section provides a summary of the preliminary HGG monitoring data collected, a discussion on likely source of HGG generation, a preliminary risk assessment based on measured flows and gas concentrations in accordance with EPA (2020) guidelines. It is noted that the assessment is based on a single discrete round of monitoring and therefore unlikely to have captured potential 'worst case' conditions as required by EPA (2020).

10.1 Discrete Monitoring GSVs

Table C1, Appendix A presents the preliminary GSVs for the single round of discrete monitoring conducted on 21 October 2025. Collected flow rates during the monitoring round were very low (<0.1 L/hr) with maximum peak flow rate of 1L/hr at MW34. The reported gas concentrations and calculated GSVs are discussed following:

- Methane was reported above detection limits at all locations surrounding SP01 (MW29-MW33), whereby the concentration ranged from 0.2-4.9 % v/v. The carbon dioxide levels at these corresponding locations ranged from 0.1-4.0 % v/v. The source of the detected methane and carbon dioxide within this area is most likely associated with the breakdown of organic materials reportedly present within SP01. The preliminary GSVs place conditions within this area as 'characteristic situation' (CS) 1 comprising very low risk conditions.
- Elevated carbon dioxide was reported in the north-western portion at MW33 (20 % v/v) and MW34 9.9 % v/v. The source of carbon dioxide in this area is currently unknown but likely associated with organic matter (tree roots etc) reportedly present within the fill materials (at depths up to 2.2 m bgl) in this portion. The preliminary GSVs place conditions within this area as CS2 comprising low risk conditions.

It is noted that groundwater levels are shallow (<0.5-1 m bgl) within the south-western portion including the central portion (MW27 and MW28) which limited the assessment of hazardous ground gases (monitoring wells were screened below standing water levels) in this portion.

11. Refined Conceptual Site Model

A refined CSM has been developed following review of the results of the investigation and presented in **Table 11.1** following.

Table 11.1: Refined CSM

Source and Mechanism of Contamination	Location and Depth/ Volume	Primary Medium	Ancillary Media	COPCs	Anticipated Distribution	Status
Known Contamination Sources						
AEC 1A (Source 1A, JBS&G 2021a) Contaminated soils present within stockpile 1 (SP01)	Figure 2c Stockpile volume: 27 900 m ³ Contaminated soil estimated range: 2000 m ³	Stockpiled Soils	None known	Asbestos as ACM, and anthropogenic materials	Heterogeneous within stockpile profile.	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of ACM and other anthropogenic material inclusions within SP01.
AEC 1B (Source 1B, JBS&G 2021a) Contaminated soils present within stockpile 2 (SP02)	Figure 2c Stockpile volume: 12 200 m ³ Contaminated soil estimated range: 2000 m ³	Stockpiled Soils	None known	Asbestos as ACM and anthropogenic materials	Heterogeneous within stockpile profile.	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of anthropogenic material inclusions within SP02.
AEC 1C (Source 1C, JBS&G 2021a) Impacted soils present within stockpile 3 (SP03)	Figure 2c Stockpile volume: 20 m ³	Stockpiled Soils	None known	Anthropogenic materials	Heterogeneous within stockpile profile.	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of anthropogenic material inclusions within SP03.
AEC 2A (Source 2, JBS&G 2021a) CHCs in site soils within the waste processing yard. Likely resultant from historical site infrastructure and residual soil impacts.	Figures 4 Estimated ~2300 m ³ of contaminated soil.	Soils	Groundwater Soil-vapour	CHCs (1,2-DCA, 1,1-DCE, PCE, TCE and vinyl chloride)	Heterogeneous within contaminated soil zone.	Known – Investigation conducted as part of JBS&G (2021a and 2021b) confirmed the presence of CHCs at elevated concentrations in soil-vapour, with soil being considered the primary source.
AEC 2B (Source 2, JBS&G 2021a) CHCs in groundwater, resultant from historical site operations and ongoing percolation from soil-source zone (2A) or dissolution of soil adsorbed CHCs below the water table.	Figures 3 Extent of plume has been delineated.	Groundwater	Soil-vapour	CHCs (1,2-DCA, 1,1-DCE, PCE, TCE and vinyl chloride)	Plume originating from site.	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of CHCs at elevated concentrations in groundwater originating from site and migrating over the western boundary.
AEC 3 (Source 14, JBS&G 2021a) CHCs in soil-vapour in the northern site portion.	Figures 4. Localised impacts within vadose zone.	Soil-vapour	None	CHCs (1,2-DCA, TCE and vinyl chloride)	Heterogeneous within contaminated soil zone.	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of CHCs at elevated concentrations in soil-vapour. However, the extent appears to be localised and within the vadose zone.
AEC 4 (Source 5, JBS&G 2020c) Localised instances of <i>In-situ</i> fill soils containing AF/FA	Figures 2c and Figure 5.	Fill soils	None known	Asbestos as AF/FA	Heterogenous within fill soil profile	Known – Investigation conducted as part of JBS&G (2021a) confirmed the presence of

Source and Mechanism of Contamination	Location and Depth/Volume	Primary Medium	Ancillary Media	COPCs	Anticipated Distribution	Status
	Lateral extent unknown, limited to depth of fill [Data Gap]					AF/FA at elevated concentrations in soil at various locations.
Potential Contamination Sources						
AEC 5 (Source 3, JBS&G 2021a) Potential top-down liquid chemical spills from a underground storage tank (UST) south of Building A	Figure 2c	Soil	None Known	Petroleum hydrocarbons	Top-down impact.	Potential – The presence of the UST has been inferred from SafeWork NSW records. No site media impact proximal to the location has been detected (including extensive dataset collected herein), indicating that any media impact is likely to be small/localised.
AEC 6 (Source 6, 8 and 12, JBS&G 2021a) <i>In-situ</i> soils underlying/proximal to current building footprints and site infrastructure.	Buildings and services Figure 2a. The extent and depth of potential impacts is unknown. [Data Gap]	Soils	None known	TBC	TBC	Potential –Impacts proximal to/underlying site buildings and infrastructure may exist which are not able to be practically assessed prior to demolition. [Data Gap]
AEC 7 (Source 11, JBS&G 2021a) Potential impacts to site media during interim soil importation and processing	Soil processing yard (west); Waste processing yard (central)	Shallow soils	None known	Heavy metals Asbestos as ACM Asbestos as AF/FA	Top-down impact	Potential –Impacts proximal to/underlying site portions used for material handling/processing in the period intervening site investigation and remediation. [Data Gap]
AEC 8 (Source 15, JBS&G 2021a) Potential presence of HGG generation sources (JBSV51, JBSV52, JBSV103, JBSV123, JBSV128, JBSV156 and JBSV157)	Various locations Figures 4.	Shallow soils	Ground Gas Enclosed air	Methane and trace gases	Attenuating outward from source	Potential – Preliminary HGG data is indicative of low risk conditions. Source of methane within SP01 and SP02 also likely to be organic material. Worst-case conditions unlikely to have been captured as part of current monitoring. [Data Gap]
AEC 9 (Source 6, JBS&G 2021a) Potential localised impacts underlying SP01	Underlying SP01	Soil	Soil-vapour Groundwater	CHCs, BTEXN and HGGs	Unknown	Potential – The character of soils / soil-vapour underlying the stockpile has not been subject to detailed characterisation. [Data Gap]
AEC 10 (Source 13, JBS&G 2021a) Potentially contaminated soils within metal containers on the periphery of the waste processing yard and within waste processing yard.	Figure 2c	Soil	None known	Asbestos, heavy metals, PAHs, TRHs, BTEXN, PFAS, OCPs and PCBs	Heterogeneous within contained soils	Potential – The character of soils within containers and within waste processing yard has not been subject to characterisation. [Data Gap]

11.1 Potential Human Receptors and Exposure Pathways

A summary of potential receptors and associated exposure pathways for the site, based on the range of exposure scenarios that may occur with the potential future redevelopment of the site are presented in **Table 11.2** following.

Table 11.2: Summary of Potential Human Exposures

Receptor	Location	Media	Potential Exposure Pathways	Status
On-site Receptors				
Future commercial/industrial users	Within Future Buildings	Soils	Inhalation (vapours and gases)	Potentially complete as a result of CHC, benzene, xylene and MAH compounds reported in vapour (primarily in the south-western portion of the site). Isolated CHC impacts have further been reported in the north-western portion.
		Groundwater	Inhalation (vapours and gases)	Potentially complete as a result of CHC impacts in the south-western portion. It is noted however, that the primary source of CHC impacts detected in vapour in this area is likely sourced from the vadose zone (and not groundwater) as detailed in Section 8.
	Outdoor Areas	Soils	Inhalation (particulates) Oral ingestion Dermal contact	Potentially complete as a result of asbestos impacted soils. Future hardstand, proposed across the large majority of the site footprint as part of redevelopment, will eliminate this exposure pathway.
Construction worker or intrusive maintenance worker (short duration)	Construction areas/excavations	Soils	Inhalation (vapours, gases and particulates/fibres) Oral ingestion Dermal contact	Potentially complete, as consistent with the above (i.e. soils in outdoor areas posing a potentially unacceptable risk to future commercial / industrial users). Vapours may potentially be generated from the most highly impacted soils.
		Groundwater	Inhalation (vapours and particulates/fibres) Oral (infiltrating seepage water) Dermal (infiltrating seepage water)	Various CHCs were reported in groundwater in which there are no tier 1 screening criteria and require further assessment (via HHRA) to determine if they pose a risk via these exposures.
Current / Future Vegetation on site (limited to existing trees on northern/north-western boundary)	Landscaped Areas	Soils	Contaminant uptake	Potentially complete as a result of heavy metal concentrations in shallow soils – exceeding conservative criteria protective of ecological receptors. The results indicate the soils are likely not appropriate for use as a growing medium and therefore likely not appropriate for use in future landscape zones.

Receptor	Location	Media	Potential Exposure Pathways	Status
Off-site Receptors				
Off-site Maintenance Workers	Byrnes Creek Channel	Surface water	Inhalation (vapours). Potential for reduced ventilation within drain trench and accumulation. Oral (direct contact to surface water) Oral (direct contact to surface water)	Not complete based on the groundwater sampling results within Miller Road and surface water sampling within Byrnes Creek.
	Miller Rd services	Groundwater (as infiltrating seepage water to excavation)	Inhalation (vapours). Potential for reduced ventilation within drain trench and accumulation. Oral (direct contact to seepage water) Oral (direct contact to seepage water)	Low levels of cis,1-2-DCE and TCE were reported in groundwater at isolated locations within Miller Road. There are no tier 1 screening criteria for these constituents as applicable to these exposure pathways and therefore require further assessment (via HHRA) to determine if the pathway is complete.
Off-site Commercial / Industrial users	Within buildings or outdoor areas.	Soils and/or groundwater	Inhalation (vapours, gases and particulates/fibres)	Unlikely to be complete based on surrounding land-use. In addition, CHC impacts in groundwater do not appear to be contributing to soil vapour impacts.
Recreational users of Georges River	Surface waters downgradient of the site	Surface Water as potentially affected by site groundwater	Various	Not complete based on the groundwater sampling results within Miller Road and surface water sampling within Byrnes Creek.
Ecological Receptors within Byrnes Creek channel and Georges River	Surface waters downgradient of the site	Surface Water as potentially affected by site groundwater	Various	Not complete based on the groundwater sampling results within Miller Road and surface water sampling within Byrnes Creek.

There are no identified groundwater uses on site or within proximity of the site. Potential maintenance workers within Miller Rd have been included as the shallowest depth to groundwater reported here is less than 1 m bgs and potentially at a similar depth to sub-surface service

11.2 Data Gaps

It is considered that there is sufficient data to present a robust CSM to inform the required remedial planning for the site. Notwithstanding, there are some data gaps that will require consideration as part of development of the RAP as detailed following:

- The requirements for further assessment as part of the HHRA (as detailed in **Table 11.1**) to definitively determine what type and level of constituents are posing a potential health risk with respect to the proposed future development of the site. The screening criteria as discussed throughout this assessment are not strictly intended to be used as the basis of remedial planning and do not take into account site specific factors that will control potential health risk;
- **AEC 1:** Quantification of ACM within contaminated portions of SP01 and SP02. This may be considered warranted should these portions of SP01 and SP02 be proposed for retention on the site without the requirement for remediation and/or long-term management;
- **AEC 3:** Delineation of the extent of contaminated soil and/or soil-vapour within the northern portion of the site;
- **AEC 4:** Delineation of the extent of *in-situ* fill soils containing AF/FA at various locations across the site.
- **AEC 5:** Assessment for the potential presence of residual disused petroleum storage infrastructure south of Building A, and evaluation of potential localised/proximal media impacts;
- **AEC 6:** Assessment of the character of soils underlying current building footprints and infrastructure;
- **AEC 7:** Assessment of soils underlying former soil stockpiles;
- **AEC 8:** Confirmation that hazardous ground gas conditions are consistent with low-risk conditions.
- **AEC 9:** Assessment of the character of soils underlying SP01; and
- **AEC 10:** Assessment of soils within shipping containers

12. Site Characterisation

A comprehensive program of site investigation works has been completed in order to develop a robust CSM (refer to **Section 7**) to inform the required remedial planning for the site. Relevant aspects that require consideration to address the key objectives of the DGI are discussed in the sections below.

12.1 Has the extent of CHC impacts in soil vapour been appropriately and sufficiently delineated?

A comprehensive soil vapor dataset now encompasses the southwestern portion of the site, where significant CHC impacts were previously documented in soil vapor and groundwater during historical investigations. Based on the reported concentrations of key constituents (refer to **Figures 4b–4e**), the spatial distribution of impacts in this area appears sufficiently delineated to inform the extent of required remediation (following HHRA).

Additional soil vapor and groundwater sampling was conducted in the northwestern portion, surrounding historical sampling locations where CHCs were reported; this supplementary sampling confirmed that the impacts in this area are localised.

Further sampling will be required in other areas of the site (e.g., underlying stockpiles SP01 and SP02), which were inaccessible during the current investigation. However, based on historical site operations (refer to **Figure 2a**) and the results of groundwater investigations, it is not anticipated that substantial CHC impacts will be encountered in these zones. Consequently, these data gaps can be readily addressed through implementation of the addendum RAP during remediation and validation works.

12.2 Are there any unacceptable human health or ecological risks to downgradient receptors from CHC impacted groundwater underlying the site?

Based on the results from groundwater investigation from key downgradient locations along Miller Road as well as surface water sampling in Byrnes Creek, there are no unacceptable human health (via recreational exposures) or ecological risks to receptors in Byrnes Creek or the Georges River. Further assessment (as part of HHRA) will be undertaken to determine if the minor detections of cis,1-2-DCE (0.004 mg/L) and TCE (0.004 mg/L) at MW20 and MW21 pose an inhalation risk to potential maintenance workers within Miller Road.

12.3 Are the elevated levels of methane measured at the site consistent with ‘low risk’ hazardous ground gas conditions as defined in EPA (2020)?

A single round of discrete HGG monitoring was completed herein and the reported conditions were consistent with ‘very low risk’ and ‘low risk conditions’ as defined in EPA (2020). Further monitoring is required (including under ‘worst-case’ meteorological conditions to confirm these preliminary findings prior to future remediation works. Should these conditions be confirmed, then it is unlikely that future buildings will require gas mitigation controls to be installed. Notwithstanding, it is recommended (and required to address geotechnical constraints) that organic matter within stockpiled soils (SP01 and SP02) are screened to remove a source of methane and reduce any associated risks prior to retaining (if appropriate) the materials.

12.4 Has the extent of required remediation at the site been appropriately defined?

Based on the above, it is considered that there is now sufficient information with respect to the key contamination issues (CHCs in soil vapour/groundwater and asbestos within soils) at the site to inform remediation requirements in order to make the site suitable for the proposed use. It is noted that a HHRA will be prepared that considers site specific conditions (including likely building design to allow for consideration of less conservative criteria) that will allow for the final extent of remediation (with respect to soil vapour /

groundwater impacts reported herein) to be defined within the addendum RAP. The addendum RAP will provide detail on required further investigations to address each AEC/data gap as listed in **Section 11.2**.

13. Conclusions and Recommendations

Based on the findings of this investigation and subject to the limitations presented in **Section 14**, JBS&G concludes the following:

- A groundwater investigation was completed to delineate the extent of CHC impacts in shallow groundwater and assess risks to site receptors. A substantial network of additional monitoring wells targeting the shallow aquifer were installed systematically both on-site and at key downgradient locations along Miller Road. The monitoring well network delineated the extent of CHC impacts from the areas of greatest impact (south-western portion of the site) to largely non-detect levels at off-site locations.

Based on the low hydraulic conductivity (7.54 cm/day) of shallow groundwater at the site, advanced age of plume (likely > 50 years following Orica's operations on site), evidence of contaminant breakdown (presence of vinyl chloride and cis,1-2-DCE) on the down-gradient boundary of the site and very low concentrations of CHCs in offsite wells the CHC plume is considered to be practically immobile.

The CHC impacts in shallow groundwater are not significantly contributing to soil vapour impacts (i.e. CHCs reported in soil vapour appear primarily sourced from the vadose zone) and therefore site groundwater will not be the key remediation focus for removing any potentially unacceptable health risks via vapour intrusion into future buildings. Moreover, based on the results of groundwater sampling along Miller Road and surface water sampling within Byrnes Creek, CHCs are not discharging from the site at levels which pose an unacceptable health (via recreational exposures) or ecological risk to receptors within Byrnes Creek and the Georges River. Trace levels of cis,1-2-DCE (0.004 mg/L) and TCE (0.004 mg/L) were reported at two locations (MW20-MW21) where additional assessment will be required to determine if any management is required to address potential inhalation risks for maintenance (completing excavation works) workers on Miller Road.

- A comprehensive soil vapor dataset now encompasses the southwestern portion of the site, where significant CHC impacts were previously documented in soil vapor during historical investigations. Based on the reported concentrations of key constituents (refer to Figures 4b–4e), the spatial distribution of impacts in this area is sufficiently delineated to inform the extent of required remediation. The source of CHC impacts within the south-western portion is potentially associated with historical releases to the stormwater pits / pipes (refer to Figure 2b) in this area and therefore its removal will require consideration in the addendum RAP to address potential on-going source materials.
- A single round of discrete HGG monitoring was completed herein and the reported conditions were consistent with 'very low risk' and 'low risk conditions' as defined in EPA (2020). Further monitoring is required (including under 'worst-case' meteorological conditions to confirm these preliminary findings prior to future remediation works. Should these conditions be confirmed, then it is unlikely that future buildings will require gas mitigation controls to be installed. Notwithstanding, it is recommended (and required to address geotechnical constraints) that organic matter within stockpiled soils (SP01 and SP02) are screened to remove a source of methane and reduce any associated risks prior to retaining (if appropriate) the materials.
- It is recommended that a HHRA be prepared that considers potential site redevelopment scenarios (including likely building design to allow for consideration of less conservative criteria) and to define impacts that would pose a risk under a future development layout, such that an extent of remediation at the site can be defined; and
- Following completion of the HHRA the remedial requirements should be detailed in an addendum RAP that provides an appropriate framework for addressing the identified issues. The addendum RAP will

further be required to detail how any remaining data gaps (listed in **Section 11.2**) will be addressed as part of future remediation / development works.

14. Limitations

This report has been prepared for use by the client who has commissioned the works in accordance with the project brief only, and has been based in part on information obtained from the client and other parties. The report has been prepared specifically for the client for the purposes of the commission, and no warranties, express or implied, are offered to any third parties and no liability will be accepted for use or interpretation of this report by any third party.

The advice herein relates only to this project and all results conclusions and recommendations made should be reviewed by a competent person with experience in environmental investigations, before being used for any other purpose. This report should not be amended in any way without prior approval by JBS&G, or reproduced other than in full including all attachments as originally provided to the client by JBS&G.

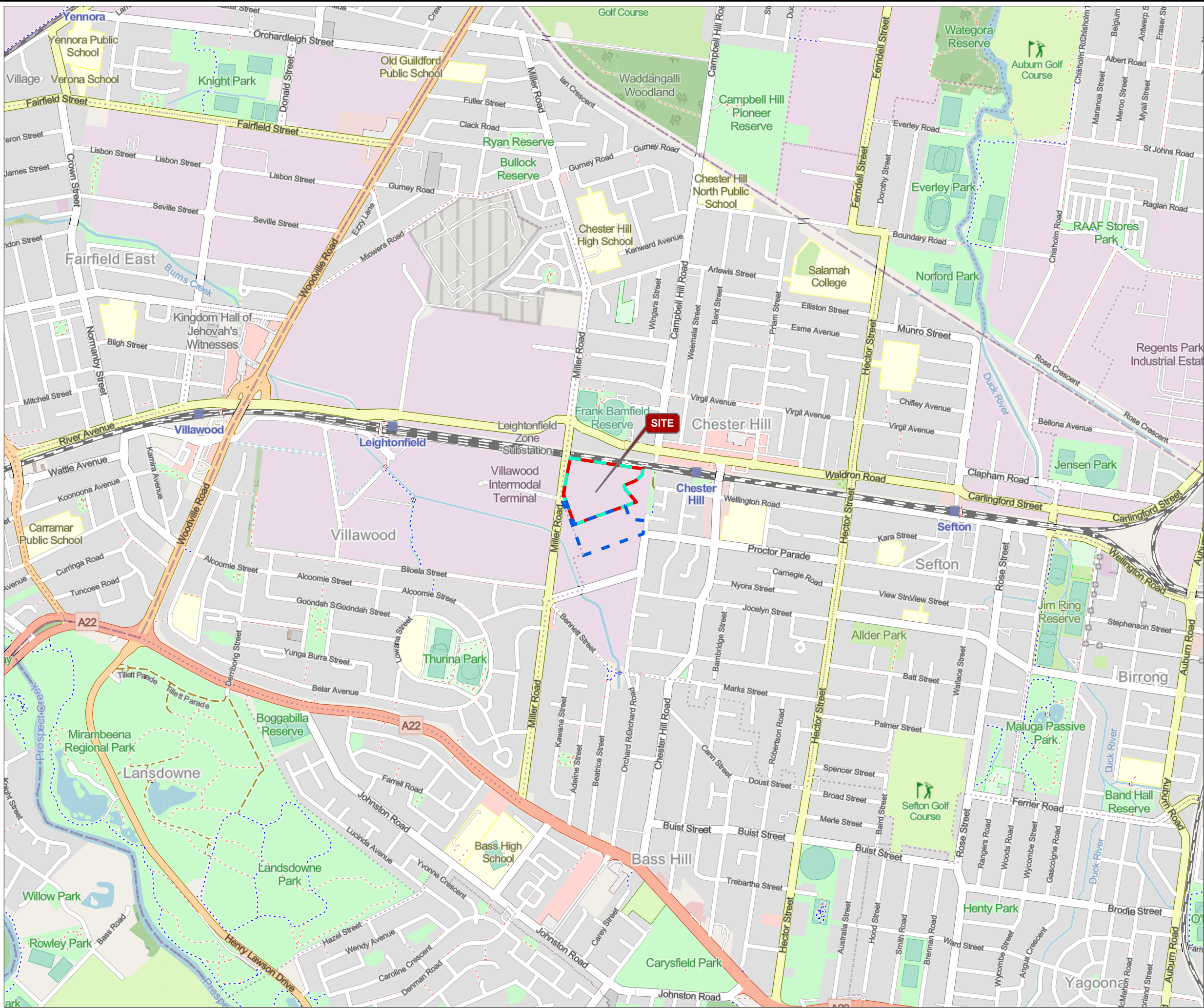
Sampling and chemical analysis of environmental media is based on appropriate guidance documents made and approved by the relevant regulatory authorities. Conclusions arising from the review and assessment of environmental data are based on the sampling and analysis considered appropriate based on the regulatory requirements or agreed scope of work.

Limited sampling and laboratory analyses were undertaken as part of the investigations undertaken, as described herein. Conditions between sampling locations and media may vary, and this should be considered when extrapolating between sampling points. Chemical analytes are based on the information detailed in the site history. Further chemicals or categories of chemicals may exist at the site, which were not identified in the site history and which may not be expected at the site.

Changes to the conditions may occur subsequent to the investigations described herein, through natural processes or through the intentional or accidental addition of contaminants. The conclusions and recommendations reached in this report are based on the information obtained at the time of the investigations.

This report does not provide a complete assessment of the environmental status of the site, and it is limited to the scope defined herein. Should information become available regarding conditions at the site including previously unknown sources of contamination, JBS&G reserves the right to review the report in the context of the additional information.

Figures



Legend

- Approximate Site Boundary
- 191 Miller Road
- 149 Orchard Road

Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A	Date: 07-Nov-2025
Drawn By: JL	Checked By: CB/LC

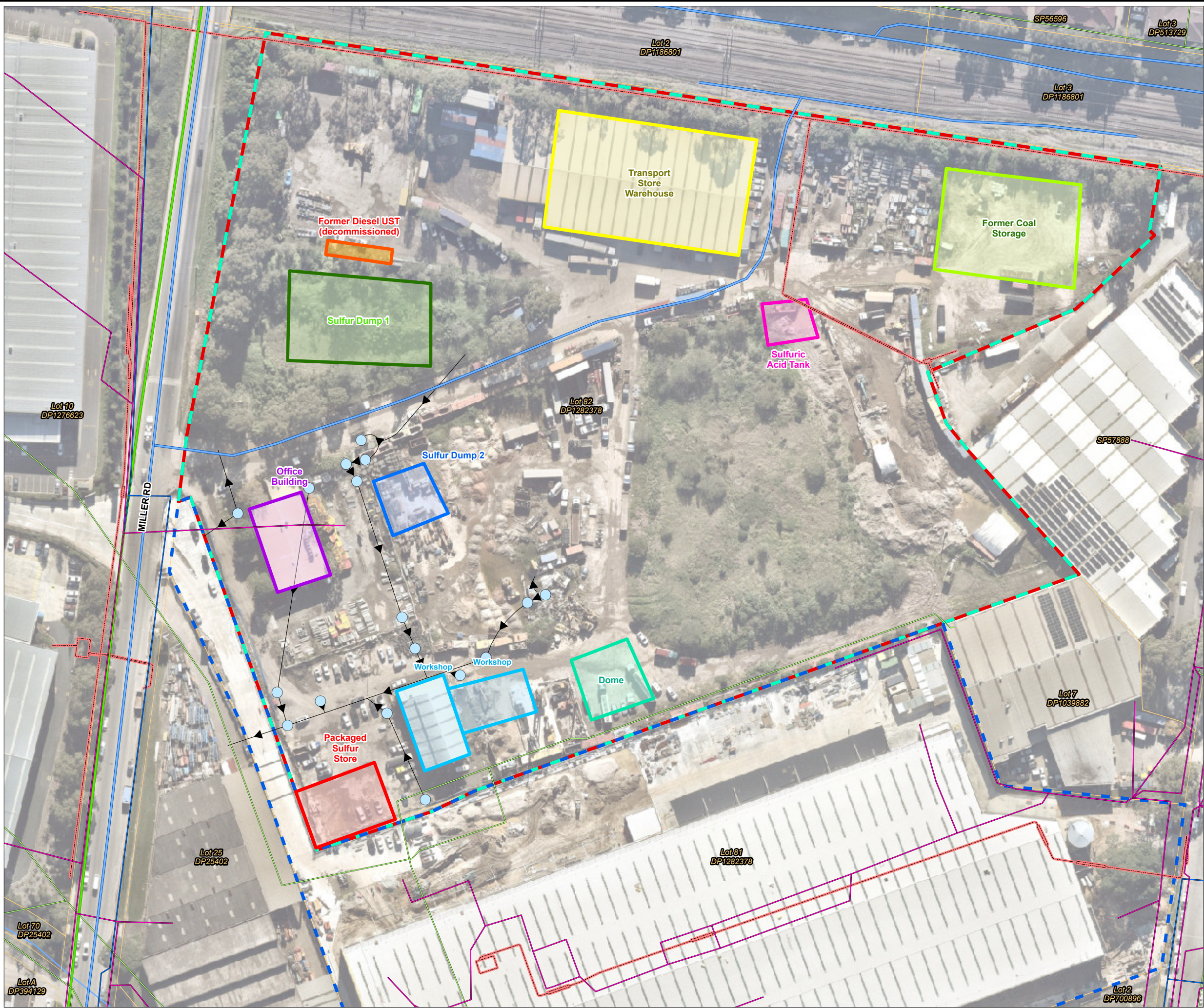
Scale: 1:16,000 at A3

Coord. System: GDA2020 MGA Zone 56

**191 Miller Road,
Chester Hill, NSW**

SITE LOCATION

FIGURE 1



- Legend**
- Approximate Site Boundary
 - 191 Miller Road
 - 149 Orchard Road
 - NSW Cadastre
 - Historical Site Features
 - Dome
 - Former Coal Storage
 - Former Diesel UST (Decommissioned)
 - Office Building
 - Packaged Sulfur Store
 - Sulfur Dump 1
 - Sulfur Dump 2
 - Sulfuric Acid Tank
 - Transport Store Warehouse
 - Workshop
 - Underground Services
 - Ausgrid
 - Gas
 - Sewer
 - Water
 - Telstra
 - NBN
 - Stormwater Pits
 - Stormwater Flow Direction



Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A

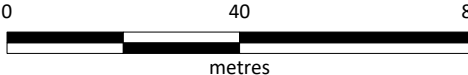
Date: 07-Nov-2025

Drawn By: JL

Checked By: CB/LC

Scale: 1:1,300 at A3





Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

HISTORICAL SITE LAYOUT AND UNDERGROUND SERVICES

FIGURE 2A



Legend

- Approximate Site Boundary
- 191 Miller Road
- 149 Orchard Road
- Zones
- NSW Cadastre
- Site Features
 - Stockpile
 - Transformer
 - Soil in Containers
 - Waste Processing Area
 - Site Features
- Underground Services
 - Ausgrid
 - Gas
 - Sewer
 - Water
 - Telstra
 - NBN
 - Stormwater Pits
 - Stormwater Flow Direction

Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A	Date: 07-Nov-2025
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Scale: 1:1,300 at A3

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

CURRENT SITE LAYOUT

FIGURE 2B



- Legend**
- Approximate Site Boundary
 - 191 Miller Road
 - 149 Orchard Road
 - Zones
 - NSW Cadastre
 - Site Features
 - Stockpile
 - Transformer
 - Soil in Containers
 - Waste Processing Area
 - 70kL UST
 - Underground Services
 - Ausgrid
 - Gas
 - Sewer
 - Water
 - Telstra
 - NBN
 - Site Features
 - Stormwater Pits
 - Stormwater Flow Direction
 - Historic Soil Vapour
 - Current Soil Vapour
 - Test Pit, JBS&G (2015)
 - Test Pit, JBS&G (2021)
 - Tier 1 Exceedances
 - Asbestos Detection
 - Asbestos Exceeding Health Criteria
 - Exceedance - ANZG (2018) Freshwater 95% - 0.33 mg/L



Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A Date: 04-Dec-2025

Drawn By: JL Checked By: CB/LC

Scale: 1:1,300 at A3

0 40 80
metres

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

AREAS OF ENVIRONMENTAL CONCERN

Area of Environmental Concern	Description
AEC1a	SP01
AEC1b	SP02
AEC1c	SP03
AEC2a	CHCs in Waste Processing Area
AEC2b	CHCs in Groundwater
AEC3	CHCs in Soil Vapour in Northern Portion
AEC4	Asbestos Detections in Soil
AEC5	70kL UST
AEC6	Soils underlying buildings and infrastructure (Building A, Building B, Wash Bay and Stormwater pits/line)
AEC7	Potential impacts to site media during interim soil importation and processing (Waste Processing Area, Stockpiled Soils and East Zone)
AEC8	Potential presence of HGG Sources (SP01, SP02 and JBSV51, JBSV52, JBSV103, JBSV123, JBSV128, JBSV156 and JBSV157)
AEC9	Potential Impacts Underlying SP01
AEC10	Potential Impacted Soils in Containers

FIGURE 2C



- Legend**
- Approximate Site Boundary
 - 191 Miller Road
 - 149 Orchard Road
 - Site Features
 - Groundwater Contours (mAHd)
 - Inferred Groundwater Flow Direction
 - Underground Services
 - Stormwater Pits
 - Stormwater Flow Direction
 - Sample Locations
 - Groundwater Monitoring Well



Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A

Date: 07-Nov-2025

Drawn By: JL

Checked By: CB/LC

Scale: 1:1,800 at A3

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

**HISTORICAL GROUNDWATER LOCATIONS -
CONTOURS**

FIGURE 3A-1



- Legend**
- Approximate Site Boundary
 - 191 Miller Road
 - 149 Orchard Road
 - Site Features
 - Groundwater Contours (mAHD)
 - Inferred Groundwater Flow Direction
 - Underground Services
 - Stormwater Pits
 - Stormwater Flow Direction
 - Sample Locations
 - Groundwater Monitoring Well
 - Combined Groundwater / Ground Gas Monitoring Well
 - Surface Water Locations



Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A

Date: 07-Nov-2025

Drawn By: JL

Checked By: CB/LC

Scale: 1:1,800 at A3

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

CURRENT GROUNDWATER LOCATIONS -
CONTOURS

FIGURE 3A-II



- Legend**
- Approximate Site Boundary
 - 191 Miller Road
 - 149 Orchard Road
 - Underground Services
 - Stormwater Pits
 - Stormwater Flow Direction
 - Sample Locations
 - Groundwater Monitoring Well (PCE Concentration)
 - Combined Groundwater / Ground Gas Monitoring Well
 - Surface Water Locations

Exceedance Criteria
ADWG (2025) Recreation - 0.5 mg/L
ANZG (2018) Freshwater 95% - 0.07 mg/L



Job No: 70509	
Client: LogiSPACE Pty Ltd	
Version: R01 Rev A	Date: 07-Nov-2025
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Scale: 1:1,800 at A3

0 50 100
metres

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

GROUNDWATER MONITORING WELL
(PCE CONCENTRATION IN mg/L)

FIGURE 3B

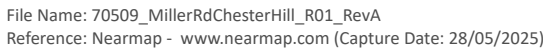


FIGURE 3C



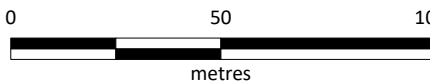
- Legend**
- Approximate Site Boundary
 - 191 Miller Road
 - 149 Orchard Road
 - Underground Services
 - Stormwater Pits
 - Stormwater Flow Direction
 - Sample Locations
 - Groundwater Monitoring Well (1,1-DCE Concentration)
 - Combined Groundwater / Ground Gas Monitoring Well
 - Surface Water Locations
 - Exceedance - ADWG (2025) Recreation - 0.6 mg/L

Exceedance Criteria
ADWG (2025) Recreation - 0.6 mg/L
ANZG (2018) Freshwater 95% - no criteria



Job No: 70509	
Client: LogiSPACE Pty Ltd	
Version: R01 Rev A	Date: 07-Nov-2025
Drawn By: JL	Checked By: CB/LC

Scale: 1:1,800 at A3



Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

GROUNDWATER MONITORING WELL
(1,2-DCE CONCENTRATION IN mg/L)

FIGURE 3D



- Legend**
- Approximate Site Boundary
 - 191 Miller Road
 - 149 Orchard Road
 - Underground Services
 - Stormwater Pits
 - Stormwater Flow Direction
 - Sample Locations
 - Groundwater Monitoring Well (VC Concentration)
 - Combined Groundwater / Ground Gas Monitoring Well
 - Surface Water Locations
 - Exceedance - ANZG (2018) Freshwater 95% - 0.1 mg/L

Exceedance Criteria
ADWG (2025) Recreation- 0.003 mg/L
ANZG (2018) Freshwater 95% - 0.1 mg/L



Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A

Date: 07-Nov-2025

Drawn By: JL

Checked By: CB/LC

Scale: 1:1,800 at A3

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

GROUNDWATER MONITORING WELL
(VC CONCENTRATION IN mg/L)

FIGURE 3E



Legend

- Approximate Site Boundary
- 191 Miller Road
- 149 Orchard Road
- Underground Services
 - Stormwater Pits
 - Stormwater Flow Direction
- Sample Locations
 - Historic Soil Vapour
 - Current Soil Vapour
 - Tier 1 Exceedances

Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A

Date: 07-Nov-2025

Drawn By: JL

Checked By: CB/LC

Scale: 1:1,100 at A3

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

SOIL VAPOUR LOCATIONS - CURRENT AND HISTORICAL

FIGURE 4A



Legend

- Approximate Site Boundary
- 191 Miller Road
- 149 Orchard Road
- Underground Services
- Stormwater Pits
- Stormwater Flow Direction
- Sample Locations
 - Historic Soil Vapour
 - Current Soil Vapour

Exceedance Criteria

NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap
VOCC HILs - 8 mg/m3

Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A	Date: 07-Nov-2025
Drawn By: JL	Checked By: CB/LC

Scale: 1:1,100 at A3

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

HISTORICAL SOIL VAPOUR
(PCE IN CONCENTRATION OF MG/M3),
CURRENT SOIL VAPOUR
(PCE IN CONCENTRATION OF MG/M3)

FIGURE 4B



Legend

- Approximate Site Boundary
- 191 Miller Road
- 149 Orchard Road
- Underground Services
 - Stormwater Pits
 - Stormwater Flow Direction
- Sample Locations
 - Historic Soil Vapour
 - Current Soil Vapour

Exceedance Criteria
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap
VOCC HILs - 0.08 mg/m3

Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A	Date: 07-Nov-2025
Drawn By: JL	Checked By: CB/LC

Scale: 1:1,100 at A3

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

HISTORICAL SOIL VAPOUR
(TCE IN CONCENTRATION OF MG/M3),
CURRENT SOIL VAPOUR
(TCE IN CONCENTRATION OF MG/M3)

FIGURE 4C

File Name: 70509_MillerRdChesterHill_R01_RevA
Reference: Nearmap - www.nearmap.com (Capture Date: 28/05/2025)



Legend

- Approximate Site Boundary
- 191 Miller Road
- 149 Orchard Road
- Underground Services
- Stormwater Pits
- Stormwater Flow Direction
- Sample Locations
 - Historic Soil Vapour
 - Current Soil Vapour

Exceedance Criteria

NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap
VOCC HILs - 0.3 mg/m3

Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A	Date: 07-Nov-2025
Drawn By: JL	Checked By: CB/LC

Scale: 1:1,100 at A3

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

HISTORICAL SOIL VAPOUR
(1,2-DCE IN CONCENTRATION OF MG/M3),
CURRENT SOIL VAPOUR
(1,2-DCE IN CONCENTRATION OF MG/M3)

FIGURE 4D



Legend

- Approximate Site Boundary
- 191 Miller Road
- 149 Orchard Road
- Underground Services
- Stormwater Pits
- Stormwater Flow Direction
- Sample Locations
 - Historic Soil Vapour
 - Current Soil Vapour

Exceedance Criteria

NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap
VOCC HILs - 0.1 mg/m3

Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A	Date: 07-Nov-2025
Drawn By: JL	Checked By: CB/LC

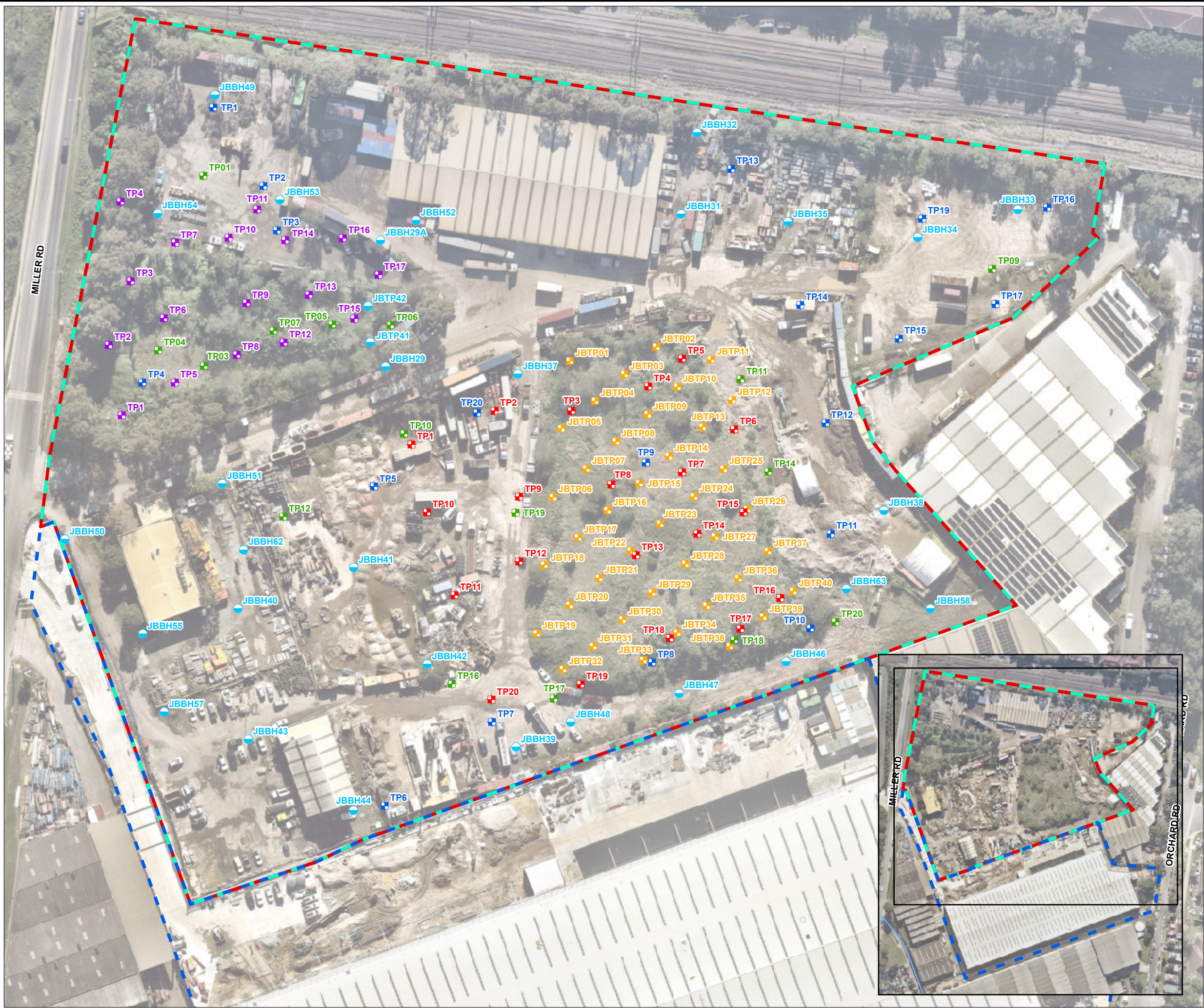
Scale: 1:1,100 at A3

Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

HISTORICAL SOIL VAPOUR
(VC IN CONCENTRATION OF MG/M3),
CURRENT SOIL VAPOUR
(VC IN CONCENTRATION OF MG/M3)

FIGURE 4E



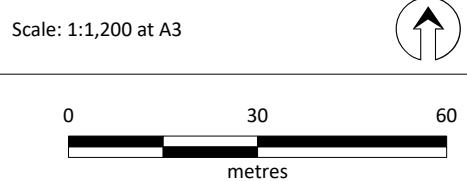
- Legend**
- Approximate Site Boundary
 - 191 Miller Road
 - 149 Orchard Road
 - Sample Locations
 - Test Pit, JBS (2007)
 - Test Pit, JBS (2008)
 - Test Pit, JBS (2009)
 - Test Pit, JBS&G (2015)
 - Test Pit, JBS&G (2021)
 - Borehole, JBS&G (2021)



Job No: 70509

Client: LogiSPACE Pty Ltd

Version: R01 Rev A	Date: 07-Nov-2025
Drawn By: JL	Checked By: CB/LC



Coord. System: GDA2020 MGA Zone 56

191 Miller Road,
Chester Hill, NSW

SOIL LOCATION - HISTORICAL

FIGURE 5A

Appendix A Summary Tables

Table A1: Soil Vapour Field Screening Results
Project No. 70509
Project Name: 191 Miller Road, Chester Hill

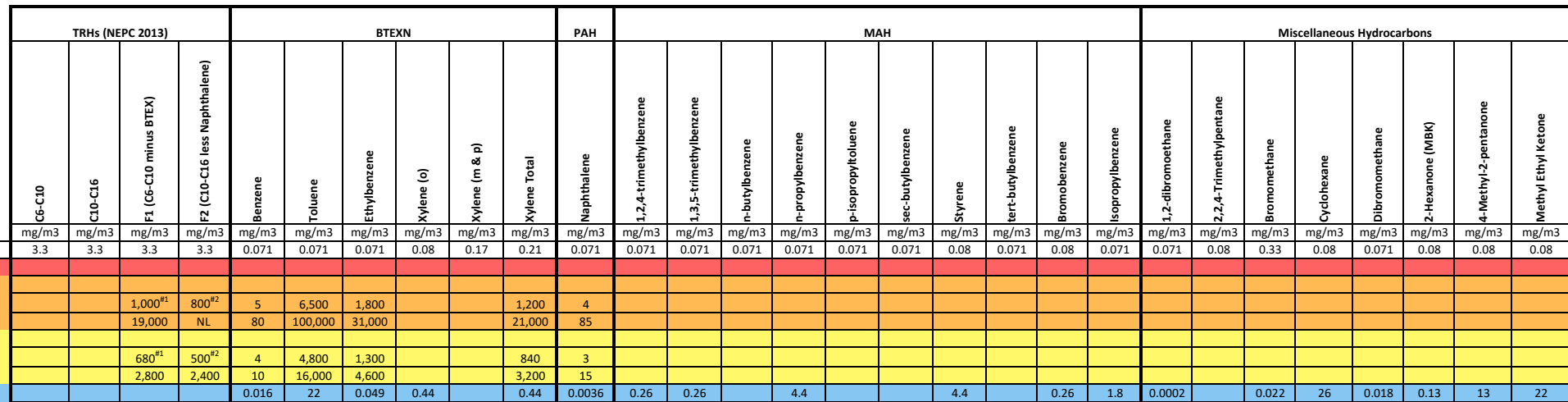
Field Measurements									
Sample Location	Sample Date	Oxygen (% v/v)	Carbon Dioxide (% v/v)	Methane (% v/v)	Hydrogen Sulfide (ppm)	Carbon Monoxide (ppm)	PID (ppm)	Leak Detection PID	Shroud PID (ppm)
SV201	10 Oct 2025	4	0.1	2.1	0	10	0	0	143
SV202	10 Oct 2025	19.9	0.3	0	0	0	0	0	81
SV203	10 Oct 2025	8.7	6.2	0	0	0	0	0	124
SV204	10 Oct 2025	12.3	0	0	0	10	0	0	110
SV205	10 Oct 2025	8.5	0	0	0	10	0.1	0.1	97
SV206	10 Oct 2025	17.7	0	0	0	10	0	0	108
SV207	13 Oct 2025	4.7	7.2	0	0	0	1	1.1	93
SV208	10 Oct 2025	19.4	0	0	0	0	0	0	64
SV209	13 Oct 2025	9.4	1.3	0	0	0	4.7	4.8	94
SV210	13 Oct 2025	0	0	1.9	0	10	5.2	5.5	103
SV211	13 Oct 2025	19.3	0	0	0	0	5.9	6	75
SV212	10 Oct 2025	0	3.6	18	0	72	0.1	0.1	83
SV213	10 Oct 2025	0	0	0.8	0	18	0.1	0.1	93
SV214	13 Oct 2025	4.7	0	0	0	0	1.7	1.8	75
SV216	10 Oct 2025	5.4	2.9	0.5	0	0	0	0	78
SV217	10 Oct 2025	1.5	0.3	21.7	0	62	3.4	3.3	74
SV217A	13 Oct 2025	2.4	1.1	1.4	25	15	0	0	65
SV217B	13 Oct 2025	7.4	0	0	0	0	0.1	0	57
SV218	13 Oct 2025	19.7	0	0	0	0	0	0	72
SV219	13 Oct 2025	16.7	0.5	0	0	0	0.7	0.7	57
SV220	13 Oct 2025	18.4	1.3	0	0	0	0.3	0.3	84
SV221	13 Oct 2025	16.6	2.9	0	0	0	0.2	0.2	84
SV222	13 Oct 2025	18.3	1.9	0	0	0	0	0	75
SV223	10 Oct 2025	0.5	4.2	0	0	10	0	0	64
SV224	10 Oct 2025	20	0.1	0	0	10	0	0	78
SV225	10 Oct 2025	10.9	1.8	0	0	10	0	0	89
SV226	13 Oct 2025	17.8	0	0	0	10	0.4	0.4	97
SV227	10 Oct 2025	15.2	0.4	0	0	11	0.1	0.1	84
SV228	13 Oct 2025	20	0.4	0	0	10	0.3	0.3	80
SV229	13 Oct 2025	19.9	0.7	0	0	10	0.7	0.8	92
SV230	13 Oct 2025	20.3	0.3	0	0	10	0.1	0.1	84
SV231	13 Oct 2025	12.5	3.7	0	0	13	0.5	0.5	85
SV232	13 Oct 2025	20.5	0	0	0	10	0.3	0.3	72
SV233	13 Oct 2025	20.6	0	0	0	10	0.8	0.8	84
SV234	14 Oct 2025	17	2.6	0	0	10	0	0	84
SV235	13 Oct 2025	7.1	0	0	0	10	31.8	32	85
SV236	13 Oct 2025	3.7	0	0	0	0	1.7	1.7	91
SV237	13 Oct 2025	18.3	0.5	0	0	10	0.9	0.8	63
SV238	13 Oct 2025	0	0	0	0	10	0.1	0.1	85
SV240	13 Oct 2025	14.5	0	2	60	170	0.1	0.1	82
SV241	13 Oct 2025	9.9	0.1	0	0	10	0.2	0.2	94
SV242	13 Oct 2025	13.8	0	2.4	30	94	0.1	0.1	94
SV243	21 Oct 2025	12.7	4.4	0	0	0	0	0	115
SV244	21 Oct 2025	0	1	0	0	0	0.6	0.6	108
SV245	21 Oct 2025	9.8	7.5	0	0	0	0.6	0.6	97
SV246	21 Oct 2025	16.5	3.9	0	0	0	0.8	0.8	84
SV247	21 Oct 2025	12.6	7.6	0	0	0	0.7	0.7	134
SV248	21 Oct 2025	2.2	4.9	0	0	0	1	1	89
SV249	21 Oct 2025	5.4	7	0	0	0	23.1	23.2	115
SV250	21 Oct 2025	10.6	0.6	0.6	0	0	1.3	1.3	124
SV251	21 Oct 2025	14.6	1.7	0	0	10	172	175	135
SV252	21 Oct 2025	9.4	2.6	0	0	0	68.1	68.1	98
SV253	21 Oct 2025	6.1	2	0	0	10	1.5	1.5	101
SV254	21 Oct 2025	9.5	4.5	0	0	0	0.6	0.6	123
SV255	21 Oct 2025	18.3	1.4	0	0	0	0.4	0.4	84
SV256	21 Oct 2025	12	6.8	0	0	0	0.6	0.6	124



				TRHs (NEPC 2013)				BTEXN					PAH	MAH										Miscellaneous Hydrocarbons									
				C6-C10	C10-C16	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	2,2,4-Trimethylpentane	Bromomethane	Cyclohexane	Dibromomethane	2-Hexanone (MBK)	4-Methyl-2-pentanone	Methyl Ethyl Ketone	
				mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	
EQL				3.3	3.3	3.3	3.3	0.071	0.071	0.071	0.08	0.17	0.21	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.08	0.071	0.08	0.071	0.071	0.08	0.33	0.08	0.071	0.08	0.08	0.08	0.08
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																																	
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Clay																																	
>=0m, <1m						1,000 ^{#1}	800 ^{#2}	5	6,500	1,800			1,200	4																			
>=1m, <2m						19,000	NL	80	100,000	31,000			21,000	85																			
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand																																	
>=0m, <1m						680 ^{#1}	500 ^{#2}	4	4,800	1,300			840	3																			
>=1m, <2m						2,800	2,400	10	16,000	4,600			3,200	15																			
USEPA RSLs Industrial Air THQ=1.0 TR=1E-05 Nov 2021								0.016	22	0.049	0.44		0.44	0.0036	0.26	0.26		4.4			4.4		0.26	1.8	0.0002		0.022	26	0.018	0.13	13	22	

Field ID	Date	Type	Lab Report Number	<3.3	<3.3	<3.3	<3.3	<0.083	<0.083	<0.083	-	-	<0.250	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	<0.083	<0.083	-	-	-	<0.083	-	-	-
JBSV32	23 Sep 2020	Vapour Probe	746115	<3.3	<3.3	<3.3	<3.3	<0.083	<0.083	<0.083	-	-	<0.250	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
JBSV34	23 Sep 2020	Vapour Probe	746115	<3.3	<3.3	<3.3	<3.3	<0.083	<0.083	<0.083	-	-	<0.250	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
JBSV35	23 Sep 2020	Vapour Probe	746115	<3.3	<3.3	<3.3	<3.3	<0.083	0.1	<0.083	-	-	<0.250	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
JBSV38	23 Sep 2020	Vapour Probe	746115	5	<3.3	5	<3.3	<0.083	<0.083	<0.083	-	-	<0.250	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
JBSV39	22 Sep 2020	Vapour Probe	746115	7.3	<3.3	6.7	<3.3	0.2	0.47	<0.083	-	-	<0.250	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
QSV01 (Duplicate of JBSV39)	22 Sep 2020	Vapour Probe	746115	<3.3	<3.3	<3.3	<3.3	<0.083	0.2	<0.083	-	-	<0.250	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
QVM02 (Triplicate of JBSV39)	22 Sep 2020	Vapour Probe	252118	<8.3	-	-	-	<0.33	<0.83	<0.83	<0.83	<1.7	-	<0.83	-	-	-	-	-	-	<0.83	-	-	<0.83	-	-	-	<0.83	-	<0.83	<0.83	<0.83
JBSV41	22 Sep 2020	Vapour Probe	746115	4.7	<3.3	<3.3	<3.3	0.15	0.58	0.13	-	-	0.53	<0.083	0.13	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.83	-	<0.83	<0.83
QSV02 (Triplicate of JBSV41)	22 Sep 2020	Vapour Probe	252015	<8.333	-	-	-	<0.333	<0.83	<0.83	<0.83	<1.7	-	<0.83	-	-	-	-	-	<0.83	-	-	<0.83	-	-	-	-	<0.83	-	<0.83	<0.83	<0.83
JBSV43	22 Sep 2020	Vapour Probe	746115	<3.3	<3.3	<3.3	<3.3	<0.083	<0.083	<0.083	-	-	<0.250	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
JBSV45	22 Sep 2020	Vapour Probe	746115	<3.3	<3.3	<3.3	<3.3	0.1	<0.083	0.13	-	-	0.38	<0.083	0.55	0.18	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
JBSV47	22 Sep 2020	Vapour Probe	746115	<3.3	<3.3	<3.3	<3.3	<0.083	<0.083	<0.083	-	-	<0.250	<0.083	0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
JBSV49	22 Sep 2020	Vapour Probe	746115	4.3	<3.3	4.3	<3.3	<0.083	<0.083	<0.083	-	-	<0.250	<0.083	0.2	0.13	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
JBSV50	22 Sep 2020	Vapour Probe	746115	<3.3	<3.3	<3.3	<3.3	<0.083	<0.083	<0.083	-	-	<0.250	<0.083	0.23	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-
JBSV51	22 Sep 2020	Vapour Probe	746115	15	<3.3	11	<3.3	0.2	0.3	1.2	-	-	2.3	<0.083	0.75	0.4	<0.083	0.267	0.517	<0.083	<0.83	<0.083	-	0.15	<0.083	-	-	-	<0.083	-	-	-
JBSV52	22 Sep 2020	Vapour Probe	746115	113	16.5	108	16.5	1.117	0.55	1.8	-	-	1.5	<0.083	0.92	1.35	<0.083	0.1	2.8	<0.083	0.933	<0.083	-	0.35	<0.083	-	-	-	<0.083	-	-	-
JBSV58	22 Sep 2020	Vapour Probe	746115	<3.3	<3.3	<3.3	<3.3	<0.083	<0.083	<0.083	-	-	<0.250	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-	
JBSV60	22 Sep 2020	Vapour Probe	746115	<3.3	<3.3	<3.3	<3.3	<0.083	<0.083	<0.083	-	-	<0.250	<0.083	0.117	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	-	-	-	<0.083	-	-	-	
JBSV64	22 Sep 2020	Vapour Probe	746115	<3.3																												

Project Name: 191 Miller Road, Chester Hill , Logispace

2 of 9



				TRHs (NEPC 2013)				BTEXN						PAH	MAH										Miscellaneous Hydrocarbons										
	C6- C10	C10- C16	F1 (C6- C10 minus BTEX)	F2 (C10- C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	2,2,4-Trimethylpentane	Bromomethane	Cyclohexane	Dibromomethane	2-Hexanone (MBK)	4-Methyl-2-pentanone	Methyl Ethyl Ketone						
	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3					
EQL	3.3	3.3	3.3	3.3	0.071	0.071	0.071	0.08	0.17	0.21	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.08	0.071	0.08	0.071	0.071	0.071	0.08	0.33	0.08	0.071	0.08	0.08	0.08					
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																																			
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Clay																																			
>=0m, <1m						1,000 ^{#1}	800 ^{#2}	5	6,500	1,800																									
>=1m, <2m						19,000	NL	80	100,000	31,000																									
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand																																			
>=0m, <1m						680 ^{#1}	500 ^{#2}	4	4,800	1,300																									
>=1m, <2m						2,800	2,400	10	16,000	4,600																									
USEPA RSLs Industrial Air THQ=1.0 TR=1E-05 Nov 2021								0.016	22	0.049	0.44			0.44	0.0036	0.26	0.26			4.4			4.4			0.26	1.8	0.0002		0.022	26	0.018	0.13	13	22

Field ID	Date	Type	Lab Report Number																											
SV227	10 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV228	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV229	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV230	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
QA20251013-2 (Duplicate of SV230)	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV231	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV232	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV233	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV234	14 Oct 2025	Vapour Pin	1279655	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
QC20251014-1 FRONT + BACK (Triplicate of SV234)	14 Oct 2025	Vapour Pin	EN2517630	-	-	-	-	<0.08	<0.08	<0.08	<0.08	<0.17	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.33	<0.08	<0.08	<0.08	<0.08	<0.08	
SV235	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV236	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV237-Back*	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	4.7	0.1	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	0.97	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV238	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV240	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV241	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV242	13 Oct 2025	Vapour Pin	1279520	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV243	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV244	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV245	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV246	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV247	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV248	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV249 FRONT + BACK	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	0.72	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV250	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV251	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV252	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV253 FRONT + BACK	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	0.1	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV254	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV255	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-
SV256	21 Oct 2025	Vapour Pin	1282362	-	-	-	-	<0.08	<0.08	<0.08	-	-	<0.25	<0.08	<0.08	<0.08	<0.08	<0.08	<0.8	<0.08	-	<0.08	<0.08	-	-	-	<0.08	-	-	-

Project Name: 191 Miller Road, Chester Hill , Logispace

EQ1	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.08	0.071	0.071	0.071
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILS	230																		0.3	8			0.08	0.1	
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Clay																									
>=0m, <1m																									
>=1m, <2m																									
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand																									
>=0m, <1m																									
>=1m, <2m																									
USEPA RSLs Industrial Air THQ=1.0 TR=1E-05 Nov 2021	0.017	22	0.0021	0.00088	0.077	0.0013	0.00002	0.0047	0.018			0.18	0.02		0.88					0.18	0.18		0.0088	0.028	

Project Name: 191 Miller Road, Chester Hill , Logispace



S&G

				Chlorinated Alkanes													Chlorinated Alkenes												
	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Carbon tetrachloride	Trichlorofluoromethane	1,1-dichloroethene	1,1-dichloropropene	2-chlorotoluene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride				
	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3				
EQL	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.08	0.071	0.071	0.071				
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILS				230															0.3		8				0.08	0.071	0.071		
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Clay																													
>=0m, <1m																													
>=1m, <2m																													
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand																													
>=0m, <1m																													
>=1m, <2m																													
USEPA RSLs Industrial Air THQ=1.0 TR=1E-05 Nov 2021				0.017	22	0.0021	0.00088	0.077	0.0013	0.00002	0.0047	0.018			0.18	0.02		0.88					0.18	0.18		0.0088	0.028		

Field ID	Date	Type	Lab Report Number																										
SV227	10 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	4.2	-	<0.08	0.1	<0.08			
SV228	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV229	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV230	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
QA20251013-2 (Duplicate of SV230)	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV231	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV232	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	0.42	<0.08	<0.08		
SV233	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV234	14 Oct 2025	Vapour Pin	1279655	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
QC20251014-1 FRONT + BACK (Triplicate of SV234)	14 Oct 2025	Vapour Pin	EN2517630	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.17	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.33	<0.08		
SV235	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV236	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	0.63	<0.08	<0.08	-	<0.08	<0.08	<0.08	
SV237-Back*	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08		
SV238	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV240	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08		
SV241	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV242	13 Oct 2025	Vapour Pin	1279520	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV243	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08	
SV244	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08	
SV245	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08	
SV246	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV247	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08		
SV248	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08	
SV249 FRONT + BACK	21 Oct 2025	Vapour Pin	1282362	<0.08	0.53	<0.08	<0.08	0.2	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	1.8	<0.08	233	-	<0.08	11	<0.08	
SV250	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08	
SV251	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	6.3	<0.08	
SV252	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08	
SV253 FRONT + BACK	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	0.87	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	155	<0.08	
SV254	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08	
SV255	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08	
SV256	21 Oct 2025	Vapour Pin	1282362	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	-	<0.08	<0.08	<0.08	<0.08	



	Solvents											Chlorinated Benzenes						Trihalomethanes				Organic Alcohols	Chlorinated Hydrocarbons	Other					NA		Organochlorine Pesticides	
	Decane	Heptane	Hexane	Octane	Nonane	Cyclohexanone	Acetone	1,4-Dioxane	Ethyl Acetate	Acrylonitrile	Benzyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane	2-Propanol	Hexachlorobutadiene	1,2-butyrlacetate	1-heptene	Di-isobutyl Ketone	Dodecane	Propylene oxide	Ethyl acrylate	Methyl styrene (alpha)	Epichlorohydrin	
EQL	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs	0.08	0.08	0.08	0.08	0.08	0.08	0.17	0.71	0.71	0.71	0.71	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.71	0.071	0.71	0.08	0.71	0.71	1.4	0.71	0.71	0.71	
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Clay																																
>=0m, <1m																																
>=1m, <2m																																
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand																																
>=0m, <1m																																
>=1m, <2m																																
USEPA RSLs Industrial Air THQ=1.0 TR=1E-05 Nov 2021		1.8	3.1		0.088	3.1		0.025	0.31	0.0018	0.0025		0.0088	0.88		0.011	0.22		0.0053	0.11	0.0033	0.88	0.0056					0.033	0.035		0.0044	

Field ID	Date	Type	Lab Report Number	Decane	Heptane	Hexane	Octane	Nonane	Cyclohexanone	Acetone	1,4-Dioxane	Ethyl Acetate	Acrylonitrile	Benzyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane	2-Propanol	Hexachlorobutadiene	1,2-butyrlacetate	1-heptene	Di-isobutyl Ketone	Dodecane	Propylene oxide	Ethyl acrylate	Methyl styrene (alpha)	Epichlorohydrin
JBSV32	23 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV34	23 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV35	23 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV38	23 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV39	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
QSV01 (Duplicate of JBSV39)	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
QVM02 (Triplicate of JBSV39)	22 Sep 2020	Vapour Probe	252118	<0.83	-	<0.83	-	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	-	-	-	-	-	<0.83	-	-	-	<0.83	-	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83
JBSV41	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
QSV02 (Triplicate of JBSV41)	22 Sep 2020	Vapour Probe	252015	<0.83	-	<0.83	-	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	-	-	-	-	-	<0.83	-	-	-	<0.83	-	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83
JBSV43	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV45	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV47	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV49	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV50	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV51	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV52	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV58	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV60	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV64	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV70	22 Sep 2020	Vapour Probe	746115	-	-	-	-	-	-	-	-	-	-	-	-	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<1.7	<0.083	-	-	-	-	-	-	-	-
JBSV71	27 Nov 2020	Vapour Probe	759961	-	-	-	-	-	-	-	-	-	-	-	-	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<1.7	<0.08	-	-	-	-	-	-	-	-
JBSV72	27 Nov 2020	Vapour Probe	759961	-	-	-	-	-	-	-	-	-	-	-	-	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<1.7	<0.08	-	-	-	-	-	-	-	-
QVA01 (Triplicate of JBSV72)	27 Nov 2020	Vapour Probe	256942	<0.83	-	<0.83	-	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	-	-	-	-	-	<0.83	-	-	-	<0.83	-	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<0.83
JBSV73	27 Nov 2020	Vapour Probe	759961	-	-	-	-	-	-	-	-	-	-	-	-	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<1.7	<0.08	-	-	-	-	-	-	-	-
QV01 (Duplicate of JBSV73)	27 Nov 2020	Vapour Probe	759961	-	-	-	-	-	-	-	-	-	-	-	-	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<1.7	<0.08	-	-	-	-	-	-	-	-
SV101	11 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SVQC1 (Duplicate of SV101)	14 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SVQA1 (Triplicate of SV101)	11 Jan 2021	Vapour Probe	259570	<0.71	-	<0.71	-	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	-	-	-	-	-	<0.71	-	-	-	<0.71	-	<0.71	<0.71	<1.4	<0.71	<0.71	<0.71	<0.71	<0.71
SV102F	12 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SV102N	12 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SV103	12 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SV104F	12 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SV104N	12 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SV105	12 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SV106	12 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SV107	12 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SV109	12 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SV110	12 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.071	-	-	-	-	-	-	-	-
SV111	11 Jan 2021	Vapour Probe	767902	-	-	-	-	-	-	-	-	-	-	-	-	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<0.071	<1.4	<0.								



	Solvents											Chlorinated Benzenes						Trihalomethanes				Organic Alcohols	Chlorinated Hydrocarbons	Other					NA		Organochlorine Pesticides
	Decane	Heptane	Hexane	Octane	Nonane	Cyclohexanone	Acetone	1,4-Dioxane	Ethyl Acetate	Acrylonitrile	Benzyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane	2-Propanol	Hexachlorobutadiene	1,2-butylacetate	1-heptene	Di-isobutyl Ketone	Dodecane	Propylene oxide	Ethyl acrylate	Methyl styrene (alpha)	Epichlorohydrin
	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
EQL	0.08	0.08	0.08	0.08	0.08	0.08	0.17	0.71	0.71	0.71	0.71	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.71	0.071	0.71	0.08	0.71	0.71	1.4	0.71	0.71	0.71
NEPM 2013 Table 1A(2) Comm/Ind D Soil Vap VOCC HILs																															
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Clay																															
>=0m, <1m																															
>=1m, <2m																															
NEPM 2013 Table 1A(5) Comm/Ind D Soil Vapour HSL for Vapour Intrusion, Sand																															
>=0m, <1m																															
>=1m, <2m																															
USEPA RSLs Industrial Air THQ=1.0 TR=1E-05 Nov 2021		1.8	3.1		0.088	3.1		0.025	0.31	0.0018	0.0025		0.0088	0.88		0.011	0.22		0.0053	0.11	0.0033	0.88	0.0056					0.033	0.035		0.0044

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Well ID	MGA 56 Coordinates		Samples Date	Relative TOC Level ¹	Total Depth	Depth to Water	Depth to LNAPL	LNAPL Thickness	Standing Water Level ¹	Comments
	Easting	Northing		mAHD	m TOC	m TOC	m TOC	m	m AHD	
Current Wells										
MW03	314634.587	6248922.619	20-Oct-25	24.294	7.465	1.337	-	-	22.957	Sulfur odour, no sheen
MW18	314389.058	6248708.864	20-Oct-25	20.492	5.569	1.564	-	-	18.928	No odour or sheen
MW19	314390.371	6248719.611	20-Oct-25	20.473	5.025	1.434	-	-	19.039	No odour or sheen
MW20	314392.545	6248737.427	20-Oct-25	20.410	4.430	1.337	-	-	19.073	No odour or sheen
MW21	314394.627	6248751.477	20-Oct-25	20.359	2.895	1.259	-	-	19.100	No odour or sheen
MW22	314396.368	6248767.097	20-Oct-25	20.299	3.901	1.138	-	-	19.161	No odour or sheen
MW23	314399.732	6248796.283	20-Oct-25	20.263	3.875	0.810	-	-	19.453	No odour or sheen
MW24	314414.554	6248903.079	21-Oct-25	22.397	8.375	2.621	-	-	19.776	No odour or sheen
MW25	314460.182	6248770.321	21-Oct-25	20.528	4.515	0.739	-	-	19.789	Slight hydrocarbon odour, no sheen
MW26	314539.719	6248800.262	21-Oct-25	21.498	3.945	1.069	-	-	20.429	No odour or sheen
MW27	314507.247	6248815.692	21-Oct-25	20.861	5.121	0.526	-	-	20.335	No odour or sheen
MW28	314524.266	6248856.009	21-Oct-25	21.263	4.126	0.400	-	-	20.863	No odour or sheen
MW29	314570.052	6248894.598	20-Oct-25	24.395	4.307	3.657	-	-	20.738	No odour or sheen
MW30	314568.486	6248865.352	20-Oct-25	24.531	4.904	3.429	-	-	21.102	No odour or sheen
MW31	314565.422	6248836.771	21-Oct-25	24.261	4.760	2.140	-	-	22.121	Very slight hydrocarbon odour, no sheen
MW32	314638.218	6248805.172	20-Oct-25	24.934	4.357	3.313	-	-	21.621	No odour or sheen
MW33	314486.3	6248938.414	20-Oct-25	23.923	4.364	2.020	-	-	21.903	No odour or sheen
MW34	314513.413	6248932.241	20-Oct-25	24.209	3.763	3.161	-	-	21.048	No odour or sheen
MW35D	314477.921	6248793.003	20-Oct-25	20.804	6.868	0.835	-	-	19.969	No odour or sheen
MW35S	314477.279	6248793.63	20-Oct-25	20.775	3.890	0.794	-	-	19.981	No odour or sheen
MW36	314502.679	6248755.935	21-Oct-25	21.099	4.365	1.550	-	-	19.549	No odour or sheen
MW37	314456.723	6248743.812	21-Oct-25	20.602	3.788	0.953	-	-	19.649	No odour or sheen
MW38	314434.898	6248821.922	20-Oct-25	20.619	3.830	0.635	-	-	19.984	No odour or sheen
Missing Wells										
MW03	314634.587	6248922.619	13-Oct-25	Well is missing.						
MW05	314414.224	6248850.416	13-Oct-25	Well is missing.						
MW06	314466.912	6248859.69	13-Oct-25	Well is missing.						
MW07	314480.755	6248812.956	13-Oct-25	Well is missing.						
MW09	314508.4	6248770.071	13-Oct-25	Well is missing.						
JBBH24/MW04	314487.033	6248976.323	13-Oct-25	Well is missing.						
JBBH25/MW05	314743.667	6248953.974	13-Oct-25	Well is missing.						
JBBH59/MW06	314482.972	6248761.922	13-Oct-25	Well is missing.						
JBBH45/MW07	314468.523	6248738.651	13-Oct-25	Well is missing.						
JBBH56/MW14	314509.389	6248879.856	13-Oct-25	Well is missing.						
JBBH60/MW12	314502.485	6248802.009	13-Oct-25	Well is missing.						
JBBH61/MW13	314572.828	6248800.167	13-Oct-25	Well is missing.						

Notes:

¹ mAHD levels based on survey data from top of pipe. Datum - MGA Zone 55 AHD

Table A3: Groundwater Field Parameters
Project Name: 191 Miller Road, Chester Hill
Job Number: 70509



Well ID	Samples Date	Temperature	Dissolved Oxygen	Electrical Conductivity	pH	Redox
		°C	mg/L	µs/cm	-	mV
Groundwater Wells						
MW03	20-Oct-25	20.80	1.77	12574	6.57	-27
MW18	20-Oct-25	18.50	4.69	9988	4.56	68
MW19	20-Oct-25	19.70	4.81	19500	6.20	181
MW20	20-Oct-25	18.90	5.63	16094	6.62	164
MW21	20-Oct-25	19.00	4.56	9236	6.85	143
MW22	20-Oct-25	18.70	2.31	805	6.53	125
MW23	20-Oct-25	17.90	5.88	923	6.48	110
MW24	21-Oct-25	19.00	3.71	22493	6.64	151
MW25	21-Oct-25	22.90	0.15	3217	7.76	-4
MW26	21-Oct-25	19.40	3.18	11104	6.98	151
MW27	21-Oct-25	21.40	2.47	17599	6.65	167
MW28	21-Oct-25	21.30	3.70	16042	6.81	170
MW29	20-Oct-25	22.10	2.62	20625	6.88	63
MW30	20-Oct-25	22.70	2.20	7235	6.60	76
MW31	21-Oct-25	20.40	0.78	8256	6.01	40
MW32	20-Oct-25	20.10	2.28	13553	6.06	97
MW33	20-Oct-25	18.60	4.59	16280	6.44	38
MW34	20-Oct-25	19.60	4.36	11663	6.59	43
MW35D	20-Oct-25	23.60	0.78	19156	6.72	163
MW35S	20-Oct-25	24.10	2.44	7461	6.66	164
MW36	21-Oct-25	19.60	1.97	11908	6.93	84
MW37	21-Oct-25	20.00	2.89	9507	6.93	102
MW38	20-Oct-25	20.20	0.69	5339	6.33	140
Surface Water						
WR01	21-Oct-25	21.80	5.15	3619	8.15	826
CH01	21-Oct-25	29.90	9.07	3576	6.66	84
CH02	21-Oct-25	27.30	9.20	1926	9.22	68

Notes:
¹ mAHD levels based on survey data from top of pipe. Datum - MGA Zone 55 AHD

Project Name: 191 Miller Road, Chester Hill, Logispace

EGL	0.001	0.001	0.0002	0.0002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.01	0.05	0.1	0.05	0.05	0.01	0.05	0.1	0.1	0.1	0.01	0.05	0.001	0.001	0.001	0.001	0.002	0.002	0.01
ADWG (2025) Recreation (10x Health)	0.1	0.1	0.02	0.02	0.5 ¹¹	0.5 ¹¹	20	20	0.05	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	8	3	6 ¹²	6 ¹²	6		
ANZG (2018) Freshwater 95% toxicant DGVs	0.013 ¹³	0.013 ¹³	0.0002 ¹⁴	0.0002 ¹⁴	0.001 ¹⁵	0.001 ¹⁵	0.001 ¹⁴	0.001 ¹⁴	0.0034 ¹⁶	0.0034 ¹⁶	0.0006 ¹⁷	0.0006 ¹⁷	0.01 ¹⁸	0.01 ¹⁸	0.008 ¹⁹	0.008 ¹⁹												0.95 ¹⁸	0.18 ¹⁸	0.08 ²⁰	0.35 ¹⁸	0.075 ²¹		0.016 ¹⁸
NEPM (2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay																																		
>=2m, <4m																										NL ^{43B}	NL ^{43L}	30	NL	NL		NL	NL	
>=4m, <8m																										NL	NL	30	NL	NL				
>=8m																										NL	NL	35	NL	NL		NL	NL	
NEPM (2013 Table 1A(4) Solubility Limit GW for Vapour Intrusion, Clay																										9 ¹⁰	3 ¹¹	50	61	3.9		21	0.17	

[illegible]

[illegible]

Project Name: 191 Miller Road, Chester Hill, Logispace

[illegible]

[illegible]

[illegible]

[illegible]

Table B3 - Groundwater Analytical Table
Project Number: 70509
Project Name: 191 Miller Road, Chester Hill, Logispace



				MAH										Miscellaneous Hydrocarbons										Chlorinated Benzenes										Trihalomethanes			Explosives																																																																																																																																																																																																																																																																																																																																																											
				Aroclor	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	n-butylbenzene	i-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Total MAH	Bromobenzene	Isopropylbenzene	Methane	1,2-dibromethane	Bromomethane	Cyclohexane	Dibromomethane	Iodomethane	Vinyl Acetate	2-Hexanone (MIBK)	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2,3,4-tetrachlorobenzene	1,2,3,5-tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-Dichlorobenzene	1,3,5-trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Pentachlorobenzene	Dibromochloromethane	Chloroform	Trichloromethane	Bromodichloromethane	Nitroglycerine																																																																																																																																																																																																																																																																																																																																																							
COL				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L																																																																																																																																																																																																																																																																																																																																																					
ADWG (2025) Recreation (10x Health)				0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.001	0.001	0.05	0.001	0.001	0.001	0.001	0.001	0.001	0.05	0.05	0.001	0.001	0.005	0.005	0.001	0.005	0.001	0.005	0.001	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.5																																																																																																																																																																																																																																																																																																																																																				
ANZG (2018) Freshwater 95% toxicant DGVs				0.1							0.3						0.01 ¹⁵	0.01																																																																																																																																																																																																																																																																																																																																																																														
NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay				0.013 ⁴¹³												0.03 ¹⁰⁰										0.004 ⁴¹²	0.005 ⁴¹²	0.01 ⁴¹³	0.007 ⁴¹²	0.17 ⁴¹³	0.16 ⁴¹³	0.013 ⁴¹³	0.26 ⁴¹³	0.06 ⁴¹³	0.055 ⁴¹³	0.002 ⁴¹³																																																																																																																																																																																																																																																																																																																																																												
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NEPM 2013 Table 1A(4) Solubility Limit GW for Vapour Intrusion, Clay																																																																																																																																																																																																																																																																																																																																																																																																
Location Code	Field ID	Date	Lab Report Number																																																																																																																																																																																																																																																																																																																																																																																													
JBBH23/MW03	JBBH23/MW03	18 May 2023	991673	-	<0.001	<0.001	-	-	-	-	<0.001	-	<0.003	<0.001	<0.001	-	<0.001	<0.001	-	<0.001	<0.001	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<

Table B3 - Groundwater Analytical Table
Project Number: 70509
Project Name: 191 Miller Road, Chester Hill, Logispace



		Herbicides & Fungicides		Phthalates				Nitrobenzenes	Nitrotoluenes	Anilines	Organic Sulfur Compounds	Organic Alcohols	Non-Metallic Inorganics										Major Cations			Major Anions			Ionic Balance		Chlorinated Hydrocarbons		Other											
		Atrazine	Propazine	Trifluralin	Bis(2-ethylhexyl) phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Nitrobenzene	Permethrin/nitrobenzene	2,4-dinitrotoluene	2-Nitrotoluene	Aniline	Carbon disulfide	tert-Butyl Alcohol	Phosphorus	Ammonia as N	Nitrate (as N)	Nitrite (as N)	Nitrite + Nitrate as N	Nitrogen (Organic)	Nitrogen (Total)	Kjeldahl Nitrogen Total	Phosphate total (P)	Calcium	Potassium	Magnesium	Alkalinity (total) as CaCO3	Carbonate Alkalinity as CaCO3	Alkalinity (Bicarbonate as CaCO3)	Sulfate	Ferric Iron	Electrical Conductivity (Lab)	pH (Lab)	Hexachlorocyclopentadiene	Hexachlorobutadiene	TSS	Diisopropyl Ether	Ethyl tert-Butyl Ether (ETBE)	tert-Amyl Methyl Ether (TAME)			
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		
ECOL	ADWG (2025) Recreation (10x Health)	0.001	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.001	0.025	0.01	0.01	0.02	0.02	0.05	0.2	0.1	0.2	0.05	0.5	0.5	0.5	20	10	20	2	0.05	10	0.1	0.005	0.001	1	0.001	0.001	0.001			
ANZG	(2018) Freshwater 95% toxicant DGVs	0.1	0.7	0.9	0.1															112.3 ⁴³⁷	9.1 ⁴³⁸												5,000 ⁴³¹											
NEPM	2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay	0.013 ⁴³³		0.0044 ⁴³⁷		1 ⁴³⁷	3.7 ⁴³⁸	0.026 ⁴³⁴		0.55 ⁴³⁸		0.065 ⁴³⁶		0.25 ⁴³²																														
	>=2m, <4m																																											
	>=4m, <8m																																											
	>=8m																																											
NEPM	2013 Table 1A(4) Solubility Limit GW for Vapour Intrusion, Clay																																											

Location Code	Field ID	Date	Lab Report Number		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	-	0.11	0.36	<0.02	0.36	1.19	1.66	1.3	-	-	-	-	-	-	-	960	<0.5	5,200	7.2	<0.005	<0.005	6.4	<0.001	<0.001	<0.001		
JBH23/MW03	JBH23/MW03	18 May 2023	991673	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	-	0.11	0.36	<0.02	0.36 <th>1.19</th> <th>1.66</th> <th>1.3</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>960</th> <th><0.5</th> <th>5,200</th> <th>7.2</th> <th><0.005</th> <th><0.005</th> <th>6.4</th> <th><0.001</th> <th><0.001</th> <th><0.001</th>	1.19	1.66	1.3	-	-	-	-	-	-	-	960	<0.5	5,200	7.2	<0.005	<0.005	6.4	<0.001	<0.001	<0.001		
JBH23/MW03	JBH23/MW03	29 Sep 2020	747221	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	<0.05	0.11	0.36	<0.02	0.36 <th>1.19</th> <th>1.66</th> <th>1.3</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>960</th> <th><0.5</th> <th>5,200</th> <th>7.2</th> <th><0.005</th> <th><0.005</th> <th>6.4</th> <th><0.001</th> <th><0.001</th> <th><0.001</th>	1.19	1.66	1.3	-	-	-	-	-	-	-	960	<0.5	5,200	7.2	<0.005	<0.005	6.4	<0.001	<0.001	<0.001		
JBH24/MW04	JBH24/MW04	18 May 2023	991673	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	-	0.3	0.03	<0.02	0.4	0.7	0.7	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	-	<0.001	<0.001	<0.001				
JBH24/MW04	JBH24/MW04	28 Sep 2020	747221	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	<0.05	0.2	0.3	<0.02	0.15 <th>1.95</th> <th>1.8</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>2,300</th> <th><0.5</th> <th>17,000</th> <th>7.7</th> <th><0.005</th> <th><0.005</th> <th>14</th> <th><0.001</th> <th><0.001</th> <th><0.001</th>	1.95	1.8	-	-	-	-	-	-	-	-	2,300	<0.5	17,000	7.7	<0.005	<0.005	14	<0.001	<0.001	<0.001		
JBH45/MW07	JBH45/MW07	18 May 2023	991673	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	<0.05	0.23	<0.02	<0.02	0.3	0.3	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	-	<0.001	<0.001	<0.001					
JBH45/MW07	JBH45/MW07	28 Sep 2020	747221	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	<0.05	0.05	0.33	<0.02	1.7 <th>2.2</th> <th>0.5</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>2,500</th> <th><0.5</th> <th>12,000</th> <th>7.4</th> <th><0.005</th> <th><0.005</th> <th>11</th> <th><0.001</th> <th><0.001</th> <th><0.001</th>	2.2	0.5	-	-	-	-	-	-	-	-	2,500	<0.5	12,000	7.4	<0.005	<0.005	11	<0.001	<0.001	<0.001		
JBH56/MW14	JBH56/MW14	28 Sep 2020	747221	0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	<0.05	0.12	-	<0.05	0.4	0.4	-	-	-	-	-	-	-	-	-	1,400	<0.5	16,000	7.3	<0.005	<0.005	9.6	<0.001	<0.001	<0.001		
JBH59/MW06	JBH59/MW06	17 May 2023	991673	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	-	0.25	0.02	<0.02	1.45 <th>1.7</th> <th>1.7</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th><0.005</th> <th><0.005</th> <th>-</th> <th><0.001</th> <th><0.001</th> <th><0.001</th>	1.7	1.7	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	-	<0.001	<0.001	<0.001				
JBH59/MW06	JBH59/MW06	27 Nov 2020	759965	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	-	0.25	0.02	<0.02	1.45 <th>1.7</th> <th>1.7</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th>-</th> <th><0.005</th> <th><0.005</th> <th>-</th> <th><0.001</th> <th><0.001</th> <th><0.001</th>	1.7	1.7	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	-	<0.001	<0.001	<0.001				
JBH60/MW12	JBH60/MW12	28 Sep 2020	747221	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.05	0.14	-	<0.05	0.8	0.8	-	-	-	-	-	-	-	-	-	4,600	<0.5	14,000	7.2	<0.005	<0.005	11	<0.005	<0.005	<0.005		
JBH60/MW12	JBH60/MW12	27 Nov 2020	759965	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.05	0.14	-	<0.05	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBH60/MW12	QA20201127-MN (Triplate of JBH60/MW12)	27 Nov 2020	256940	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.05	0.14	-	<0.05	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBH60/MW12	QC20201127-MN (Duplicate of JBH60/MW12)	27 Nov 2020	759965	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.05	0.14	-	<0.05	0.8	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBH61/MW13	JBH61/MW13	17 May 2023	991673	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	-	4.8	9.3	<0.02	9.3	3.7	17.8	8.5	-	-	-	-	-	-	-	-	-	<0.005	<0.005	-	<0.001	<0.001	<0.001				
JBH61/MW13	JBH61/MW13	28 Sep 2020	747221	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.025	<0.05	4	-	<0.05	5.1	5.1	-	-	-	-	-	-	-	-	-	-	1,300	<0.5	7,800	7.6	<0.005	<0.005	52	<0.001	<0.001	<0.001	
JBH64/MW15	JBH64/MW15	27 Nov 2020	759965	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.05	4	-	<0.05	5.1	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBH65/MW16	JBH65/MW16	27 Nov 2020	759965	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.05	4	-	<0.05	5.1	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBH66/MW17	JBH66/MW17	27 Nov 2020	759965	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.05	4	-	<0.05	5.1	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW03	MW03	21 Sep 2020	745750	-	<0.005	<0.005	<0.																																					

Table A1 - Ground Gas Monitoring Data
Project Number: 70509 Project Name: Miller Rd Chester Hill

Well ID	Date	Oxygen	Carbon Dioxide	Methane	H2S	CO	PID (ppm)	Flowrate - Stable (L/hr)	Flowrate - Peak (L/hr)	GSV CO2	CS - CH4	CS - CO2	Risk Classification	>1% Methane	>5% CO2	Max CS	Max. Risk Classification
MW29	21/10/2025	16.3	0.1	0.2	0	14	3.2	0.0	0.1	0.000	1	1	Very Low	No	No	1	Very Low
MW30	21/10/2025	9.4	4.0	4.9	0	0	1.5	0.1	0.1	0.004	1	1	Very Low	Yes	No	1	Very Low
MW31	21/10/2025	16.7	1.7	0.9	0	10	5.2	0.0	0.1	0.002	1	1	Very Low	No	No	1	Very Low
MW32	21/10/2025	3.6	0.9	1.9	0	10	3.4	0.0	0.1	0.001	1	1	Very Low	Yes	No	1	Very Low
MW33	21/10/2025	4.9	20.0	1.0	0	0	1.4	0.0	0.1	0.020	1	1	Very Low	No	Yes	2	Low
MW34	21/10/2025	11.3	9.9	0.0	0	0	0.3	0.7	1.0	0.099	1	2	Low	No	Yes	2	Low



	Metals & Metalloids											TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN					
	Aluminium	Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Manganese	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total
EQI	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	20	50	100	100	50	20	50	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial	10	2	0.3	0.3	0.5	10	1	1	0.05	0.5	0.5	20	20	50	50	50	25,000	20,000	27,000	38,000				430	99,000	27,000			81,000
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																	82,000	62,000	85,000	120,000				1,100	120,000	85,000			130,000
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil		3,000 ⁴¹	900	3,600 ⁴²	240,000		1,500 ⁴³	60,000	730 ⁴⁴	6,000	400,000																		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																													
>=0m, <1m																													NL ⁴¹⁰
>=1m, <2m																													NL
>=2m, <4m																													NL
>=4m																													NL
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
>=0m, <1m																													230 ⁴¹⁰
>=1m, <2m																													NL
>=2m, <4m																													NL
>=4m																													NL
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind		160 ⁴¹¹		310 ⁴¹²	85 ⁴¹³		1,800 ⁴¹⁴			55 ⁴¹⁵	110 ⁴¹⁶																		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			1,700 ⁴¹⁷	3,300 ⁴¹⁷		215 ⁴¹⁸	170 ⁴¹⁹	75 ⁴²⁰	135 ⁴²¹	165 ⁴²¹			180 ⁴²⁷
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																			2,500 ⁴¹⁷	6,600 ⁴¹⁷		215 ⁴²⁰	170 ⁴²¹	95 ⁴²²	135 ⁴²²	185 ⁴²²			95 ⁴²⁷
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	700 ⁴²³	1,000 ⁴²³	3,500	10,000									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																	800 ⁴²³	1,000 ⁴²³	5,000	10,000									
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																													

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone			15	<0.4	36	24		17		<0.1	14	30	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH29	JBBH29 0.2-0.3	25 Sep 2020	0.2 - 0.3	746938	191 Miller Road	-	-	15	<0.4	36	24	-	17	-	<0.1	14	30	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH29A	JBBH29A 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH29A	JBBH29A 0.5-0.6	25 Sep 2020	0.5 - 0.6	746938	191 Miller Road	-	-	7.9	0.5	40	120	-	140	-	24	26	680	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH33	JBBH33 0-0.3	21 Sep 2020	0 - 0.3	745719	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH34	JBBH34 0-0.3	21 Sep 2020	0 - 0.3	745719	191 Miller Road	12,000	5.7	<0.4	22	46	34,000	22	690	<0.1	34	98		<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH35	JBBH35 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	200	<250	<250	<250	<20	<250	<500	<500	<500	<20	<250	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH39	JBBH39 0.5	24 Sep 2020	0.5 - 0.6	746718	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH40	JBBH40 0.4-0.5	22 Sep 2020	0.4 - 0.5	746648	191 Miller Road	-	-	5.6	<0.4	29	24	-	20	-	<0.1	24	55	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH40	JBBH40 0.1-0.2	22 Sep 2020	0.1 - 0.2	746648	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH41	JBBH41 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	-	-	4.2	<0.4	17	70	-	33	-	<0.1	37	150	<20	<20	310	560	870	<20	<50	560	540	1,100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH41	JBBH41 0.5		0.5 - 0.5	748554	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	34	250	690	974	<20	<50	690	910	1,600	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH41	JBBH41 0.1		0.1 - 0.1	748554	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBBH41	JBBH41 1		1 - 1	748554	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH41	JBBH41 1	24 Sep 2020	1 - 1.1	746718	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH42	JBBH42 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH42	JBBH42 0.5	24 Sep 2020	0.5 - 0.6	746718	191 Miller Road	-	-	19	<0.4	36	22	-	27	-	<0.1	10	23	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH43	JBBH43 0-0.1		0 - 0.1	748554	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH44	JBBH44 0-0.1		0 - 0.1	748554	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH46	JBBH46 0.1		0.1 - 0.1	748554	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH46	JBBH46 1	24 Sep 2020	1 - 1.1	746718	191 Miller Road	-	-	6.2	<0.4	21	24	-	42	-	<0.1	14	75	<20	<20	82	120	202	<20	<50	170	110	280	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH46	JBBH46 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH46	JBBH46 0.5	24 Sep 2020	0.5 - 0.6	746718	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH48	JBBH48 1.5	24 Sep 2020	1.5 - 1.6	746718	191 Miller Road	-	-	8.6	<0.4	19	23	-	18	-	<0.1	45	19	<20	26	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH49	JBBH49 0.0-0.1	22 Sep 2020	0 - 0.1	746402	191 Miller Road	-	-	<2	<0.4	55	100	-	14	-	<0.1	130	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH51	JBBH51 0.1-0.2	22 Sep 2020	0.1 - 0.2	746648	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH51	JBBH51 0.4-0.5	22 Sep 2020	0.4 - 0.5	746648	191 Miller Road	9,300	6.2	<0.4	12	17	21,000	11	32	<0.1	6.8	25		<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH53	JBBH53 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	-	-	<2	<0.4	42	67	-	45	-	<0.1	190	80	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH53	QCJ 20200925-3	25 Sep 2020	0 - 0.1	746938	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH53	JBBH53 0.5-0.6		0.5 - 0.6	748554	191 Miller Road	-	-	7.2	<0.4	31	19	-	19	-	<0.1	45	140	<20	<20	410	270	680	<20	<50	590	210	800	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH53	JBBH53 0.9-1.0		0.9 - 1	748554	191 Miller Road	-	-	8.4	<0.4	17	39	-	20	-	<0.1	25	110	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH53	QAJ 20200925-3	25 Sep 2020		252951	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<25	<50	<100	<100	<100	<25	<50	<100	<100	<100	<50	<25	<50	<0.2	<0.5	<1	<1	<2	<3
JBBH54	JBBH54 0.1-0.2	22 Sep 2020	0.1 - 0.2	746402	191 Miller Road	-	-	5.8	<0.4	40	66	-	24	-	<0.1	91	220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH55	JBBH55 0.1-0.2	22 Sep 2020	0.1 - 0.2	746648	191 Miller Road	-	-	5.7	<0.4	24	24	-	17	-	<0.1	20	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH55	JBBH55 0.4-0.5	22 Sep 2020	0.4 - 0.5	746648	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH57	JBBH57 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	-	-	<2	<0.4	19	73	-	45	-	<0.1	87	61	<20	<20	150	330	480	<20	<50	360	270	630	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH57	JBBH57 0.2-0.3	25 Sep 2020	0.2 - 0.3	746938	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	94	230	324	<20	<50	260	230	490	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH58	QCJ 20200924	24 Sep 2020	0.1 - 0.1	746718	191 Miller Road	12,000	3.5	<0.4	24	39	19,000	44	560	<0.1	30	90	<20	49	220	390	659	<20	<50	500	380	880	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3		
JBBH58	JBBH58 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH62	JBBH62 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
JBBH63	JBBH63 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	7,600	3.6	<0.4	16	26	21,000	41	410	<0.1	16	65	<20	21	<50	99	120	<20	<5													



	Metals & Metalloids											TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
	Aluminium	Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Manganese	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	
EQI	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial	10	2	0.3	0.3	0.5	10	1	1	0.05	0.5	0.5	20	20	50	50	50	26,000	20,000	27,000	38,000	50	20	50	0.1	0.1	0.1	0.1	0.2	0.3	
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																	82,000	62,000	85,000	120,000				430	99,000	27,000			81,000	
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil		3,000 ⁴¹	900	3,600 ⁴²	240,000		1,500 ⁴³	60,000	730 ⁴⁴	6,000	400,000																			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																														
>=0m, <1m																													NL ⁴⁵⁰	
>=1m, <2m																													NL	
>=2m, <4m																													NL	
>=4m																													NL	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																														
>=0m, <1m																													230 ⁴¹⁰	
>=1m, <2m																													NL	
>=2m, <4m																													NL	
>=4m																													NL	
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind		160 ⁴¹¹		310 ⁴¹²	85 ⁴¹³		1,800 ⁴¹⁴			55 ⁴¹⁵	110 ⁴¹⁶																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			1,700 ⁴¹⁷	3,300 ⁴¹⁷		215 ⁴¹⁸	170 ⁴¹⁹	75 ⁴²⁰	135 ⁴²¹	165 ⁴²¹			180 ⁴²²	
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																			2,500 ⁴¹⁷	6,600 ⁴¹⁷		215 ⁴²⁰	170 ⁴²¹	95 ⁴²²	135 ⁴²²	185 ⁴²²			95 ⁴²²	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	700 ⁴²³	1,000 ⁴²³	3,500	10,000										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																	800 ⁴²³	1,000 ⁴²³	5,000	10,000										
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																														

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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	Metals & Metalloids											TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
	Aluminium	Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Manganese	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQI	10	2	0.3	0.3	0.5	10	1	1	0.05	0.5	0.5	20	20	50	50	50	26,000	20,000	27,000	38,000	50	20	50	0.1	0.1	0.1	0.1	0.2	0.3	
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																	82,000	62,000	85,000	120,000				1,100	120,000	85,000				
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																														
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil		3,000 ⁴¹	900	3,600 ⁴²	240,000		1,500 ⁴³	60,000	730 ⁴⁴	6,000	400,000																			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																														
>=0m, <1m																							310 ⁴⁵	NL ⁴⁶	4 ⁴⁷	NL ⁴⁸	NL ⁴⁹		NL ⁵⁰	
>=1m, <2m																							480	NL	6	NL	NL		NL	
>=2m, <4m																							NL	NL	9	NL	NL		NL	
>=4m																							NL	NL	20	NL	NL		NL	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																														
>=0m, <1m																							260 ⁴⁵	NL ⁴⁶	3 ⁴⁷	NL ⁴⁸	NL ⁴⁹		230 ⁵⁰	
>=1m, <2m																							370	NL	3	NL	NL		NL	
>=2m, <4m																							630	NL	3	NL	NL		NL	
>=4m																							NL	NL	3	NL	NL		NL	
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind		160 ⁴¹¹		310 ⁴¹²	85 ⁴¹³		1,800 ⁴¹⁴			55 ⁴¹⁵	110 ⁴¹⁶																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			1,700 ⁴¹⁷	3,300 ⁴¹⁷		215 ⁴¹⁸	170 ⁴¹⁹	75 ⁴²⁰	135 ⁴²¹	165 ⁴²¹		180 ⁴²²		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																			2,500 ⁴¹⁷	6,600 ⁴¹⁷		215 ⁴²⁰	170 ⁴²¹	95 ⁴²⁷	135 ⁴²⁷	185 ⁴²⁷		95 ⁴²⁷		
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	700 ⁴²³	1,000 ⁴²³	3,500	10,000										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																	800 ⁴²³	1,000 ⁴²³	5,000	10,000										
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																														

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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	Metals & Metalloids											TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN							
	Aluminium	Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Manganese	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total		
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQOL	10	2	0.3	0.3	0.5	10	1	1	0.05	0.5	0.5	20	20	50	50	50	26,000	20,000	27,000	38,000	50	20	50	430	99,000	27,000	0.1	0.1	0.1	0.2	0.3
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																	82,000	62,000	85,000	120,000				1,100	120,000	85,000					
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																															
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil		3,000 ⁴¹	900	3,600 ⁴²	240,000		1,500 ⁴³	60,000	730 ⁴⁴	6,000	400,000																				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																															
>=0m, <1m																														NL ⁴⁵⁰	
>=1m, <2m																														NL	
>=2m, <4m																														NL	
>=4m																														NL	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																															
>=0m, <1m																														230 ⁴⁵⁰	
>=1m, <2m																														NL	
>=2m, <4m																														NL	
>=4m																														NL	
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind		160 ⁴¹¹		310 ⁴¹²	85 ⁴¹³		1,800 ⁴¹⁴			55 ⁴¹⁵	110 ⁴¹⁶																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			1,700 ⁴¹⁷	3,300 ⁴¹⁷		215 ⁴¹⁸	170 ⁴¹⁹	75 ⁴¹⁷	135 ⁴¹⁷	165 ⁴¹⁷				180 ⁴¹⁷	
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																			2,500 ⁴¹⁷	6,600 ⁴¹⁷		215 ⁴²⁰	170 ⁴²¹	95 ⁴¹⁷	135 ⁴¹⁷	185 ⁴¹⁷				95 ⁴¹⁷	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			700 ⁴²³	1,000 ⁴²³	3,500	10,000									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																			800 ⁴²³	1,000 ⁴²³	5,000	10,000									
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																															

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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	Metals & Metalloids											TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN					
	Aluminium	Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Manganese	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total
EQI	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial	10	2	0.3	0.3	0.5	10	1	1	0.05	0.5	0.5	20	20	50	50	50	20	50	100	100	50	20	50	430	99,000	27,000	0.1	0.2	81,000
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																	82,000	62,000	85,000	120,000				1,100	120,000	85,000			130,000
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil		3,000 ⁴¹	900	3,600 ⁴²	240,000		1,500 ⁴³	60,000	730 ⁴⁴	6,000	400,000																		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																													
>=0m, <1m																						310 ⁴⁵	NL ⁴⁶	4 ⁴⁷	NL ⁴⁸	NL ⁴⁹			NL ⁵⁰
>=1m, <2m																						480	NL	6	NL	NL			NL
>=2m, <4m																						NL	NL	9	NL	NL			NL
>=4m																						NL	NL	20	NL	NL			NL
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
>=0m, <1m																						260 ⁴⁸	NL ⁴⁹	3 ⁴⁹	NL ⁵⁰	NL ⁵¹			230 ⁵²
>=1m, <2m																						370	NL	3	NL	NL			NL
>=2m, <4m																						630	NL	3	NL	NL			NL
>=4m																						NL	NL	3	NL	NL			NL
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind		160 ⁴¹²		310 ⁴¹²	85 ⁴¹³		1,800 ⁴¹⁴			55 ⁴¹⁵	110 ⁴¹⁶																		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																			1,700 ⁴¹⁷	3,300 ⁴¹⁷		215 ⁴¹⁸	170 ⁴¹⁹	75 ⁴²⁰	135 ⁴²¹	165 ⁴²¹			180 ⁴²²
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																			2,500 ⁴¹⁷	6,600 ⁴¹⁷		215 ⁴²⁰	170 ⁴²¹	95 ⁴²⁰	135 ⁴²¹	185 ⁴²¹			95 ⁴²²
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	700 ⁴²³	1,000 ⁴²³	3,500	10,000									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																	800 ⁴²³	1,000 ⁴²³	5,000	10,000									
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																													

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</
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						Metals & Metalloids										TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN							
						Aluminium	Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Manganese	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of Total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL						10	2	0.3	0.3	0.5	10	1	1	0.05	0.5	0.5	20	20	50	50	50	20	50	100	100	50	20	50		430	99,000	27,000			81,000
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																					26,000	20,000	27,000	38,000											
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																					82,000	62,000	85,000	120,000					1,100	120,000	85,000			130,000	
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil							3,000 ^{#1}	900	3,600 ^{#2}	240,000		1,500 ^{#3}	60,000	730 ^{#4}	6,000	400,000																			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																											310 ^{#5}	NL ^{#6}	4 ^{#10}	NL ^{#10}	NL ^{#10}			NL ^{#10}	
>=0m, <1m																											480	NL	6	NL	NL			NL	
>=1m, <2m																											NL	NL	9	NL	NL			NL	
>=2m, <4m																											NL	NL	20	NL	NL			NL	
>=4m																											NL	NL	20	NL	NL			NL	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																			
>=0m, <1m																											260 ^{#8}	NL ^{#9}	3 ^{#10}	NL ^{#10}	NL ^{#10}			230 ^{#10}	
>=1m, <2m																											370	NL	3	NL	NL			NL	
>=2m, <4m																											630	NL	3	NL	NL			NL	
>=4m																											NL	NL	3	NL	NL			NL	
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind							160 ^{#11}		310 ^{#12}	85 ^{#13}		1,800 ^{#14}			55 ^{#15}	110 ^{#16}																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																								1,700 ^{#17}	3,300 ^{#17}		215 ^{#18}	170 ^{#19}	75 ^{#17}	135 ^{#17}	165 ^{#17}			180 ^{#17}	
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																								2,500 ^{#17}	6,600 ^{#17}		215 ^{#20}	170 ^{#21}	95 ^{#17}	135 ^{#17}	185 ^{#17}			95 ^{#17}	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																						700 ^{#23}	1,000 ^{#23}	3,500	10,000										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																						800 ^{#23}	1,000 ^{#23}	5,000	10,000										
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																			
Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																														
SP03																																			
SP03-1	SP03-1			748554	SP03	-	4.8	<0.4	37	45	-	49	-	<0.1	33	280	<20	27	360	210	597	<20	<50	480	190	670	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
SP03-2	SP03-2			748554	SP03	-	3.2	<0.4	8.5	22	-	23	-	<0.1	21	45	<20	<20	55	68	123	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	
SP03-3	SP03-3			748554	SP03	-	4	0.5	60	56	-	53	-	<0.1	90	320	<20	26	130	150	306	<20	<50	210	150	360	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	

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Project Number: 70509
Project Name: 191 Miller Road, Chester Hill

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Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone
SP03					
SP03-1	SP03-1			748554	SP03
SP03-2	SP03-2			748554	SP03
SP03-3	SP03-3			748554	SP03

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Table D1 - Soil Analytical Table v2



						Organophosphorus Pesticides																					
						Azinophos methyl	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethyl methanesulfonate	Fenitrothion	Fenthion	Malathion	Methidathion	Methyl parathion	Mevinphos (Phosdrin)	Phorate	Ronnel	Saflorle	Fenamiphos	Parathion
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL																											
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																											
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																											
NEPM (2013) Table 1A(1) Hills Comm/Ind D Soil				2,000																							
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																											
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																											
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																											
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																											
Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																						
SP01																											
JBTP01	JBTP01 0.9	21 Sep 2020	0.9 - 1	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP01	JBTP01 1.6	21 Sep 2020	1.6 - 1.7	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP01	JBTP01 2.8	21 Sep 2020	2.8 - 2.9	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP02	JBTP02 0.5	21 Sep 2020	0.5 - 0.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP02	JBTP02 3	21 Sep 2020	3 - 3.1	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP02	JBTP02 1.5	21 Sep 2020	1.5 - 1.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP02	JBTP02 3		3 - 3	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP03	JBTP03 0.9	21 Sep 2020	0.9 - 1	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP03	JBTP03 3	21 Sep 2020	3 - 3.1	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP03	JBTP03 0.3	21 Sep 2020	0.3 - 0.4	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP04	JBTP04 1.8	21 Sep 2020	1.8 - 1.9	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP04	JBTP04 0.9	21 Sep 2020	0.9 - 1	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP04	JBTP04 3	21 Sep 2020	3 - 3.1	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP05	JBTP05 0.4	21 Sep 2020	0.4 - 0.5	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP05	JBTP05 3.1	21 Sep 2020	3.1 - 3.2	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP05	JBTP05 1.5	21 Sep 2020	1.5 - 1.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP05	JBTP05 3.1		3.1 - 3.1	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP06	JBTP06 0.5	21 Sep 2020	0.5 - 0.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP06	JBTP06 3	21 Sep 2020	3 - 3.1	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP06	JBTP06 1.1	21 Sep 2020	1.1 - 1.2	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP06	JBTP06 2.1		2.1 - 2.1	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP06	JBTP06 2.1	21 Sep 2020	2.1 - 2.2	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP06	JBTP06 4	21 Sep 2020	4 - 4.1	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP07	JBTP07 0.6	21 Sep 2020	0.6 - 0.7	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP07	JBTP07 2.5	21 Sep 2020	2.5 - 2.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP07	JBTP07 4	21 Sep 2020	4 - 4.1	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP07	JBTP07 1.5	21 Sep 2020	1.5 - 1.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP07	JBTP07 2.5		2.5 - 2.5	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP08	JBTP08 2.5	21 Sep 2020	2.5 - 2.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP08	JBTP08 0.5	21 Sep 2020	0.5 - 0.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP08	JBTP08 1.5	21 Sep 2020	1.5 - 1.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP08	JBTP08 2.5		2.5 - 2.5	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP08	JBTP08 4	25 Sep 2020	4 - 4.1	746938	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP09	JBTP09 3.5	21 Sep 2020	3.5 - 3.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP09	JBTP09 0.5	21 Sep 2020	0.5 - 0.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP09	JBTP09 2.5	21 Sep 2020	2.5 - 2.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP09	JBTP09 3.5		3.5 - 3.5	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP10	JBTP10 2.5	21 Sep 2020	2.5 - 2.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP10	JBTP10 4	25 Sep 2020	4 - 4.1	746938	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP10	JBTP10 0.5	21 Sep 2020	0.5 - 0.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP10	JBTP10 1.5	21 Sep 2020	1.5 - 1.6	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP10	JBTP10 2.5		2.5 - 2.5	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP11	JBTP11 3.6	22 Sep 2020	3.6 - 3.7	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP11	JBTP11 3	22 Sep 2020	3 - 3.1	746648	SP01	-	-	-</																			

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						Organophosphorus Pesticides																						
						Azinophos methyl	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethyl methanesulfonate	Fenitrothion	Fenthion	Malathion	Methidathion	Methyl parathion	Mevinphos (Phosdrin)	Phorate	Ronnel	Saflorle	Fenamiphos	Parathion	
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.5		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																												
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																												
NEPM (2013) Table 1A(1) Hills Comm/Ind D Soil								2,000																				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																												
>=0m, <1m																												
>=1m, <2m																												
>=2m, <4m																												
>=4m																												
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																												
>=0m, <1m																												
>=1m, <2m																												
>=2m, <4m																												
>=4m																												
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																												
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																												
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																												
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																												
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																												
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																												
Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																							
SP03																												
SP03-1	SP03-1			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SP03-2	SP03-2			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SP03-3	SP03-3			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table D1 - Soil Analytical Table v2

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Table D1 - Soil Analytical Table v2

Table D1 - Soil Analytical Table v2



						Chlorinated Alkanes																		Chlorinated Alkenes														Chlorinated Hydrocarbons					
						1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromo-chloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Hexachloroethane	Pentachloroethane	Trichlorofluoromethane	1,1-dichloroethene	1,1-dichloropropene	2-chlorotoluene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Hexachlorocyclopentadiene	Hexachlorobutadiene				
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EOL						0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																											
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																											
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil																																											
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																											
>=0m, <1m																																											
>=1m, <2m																																											
>=2m, <4m																																											
>=4m																																											
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																											
>=0m, <1m																																											
>=1m, <2m																																											
>=2m, <4m																																											
>=4m																																											
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																											
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																											
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																											
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																											

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP31	JBTP31 1.5		1.5 - 1.5	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBTP32	JBTP32 1.6		1.6 - 1.6	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBTP32	JBTP32 2.7		2.7 - 2.7	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBTP32	JBTP32 1.6	24 Sep 2020	1.6 - 1.7	746718	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP32	JBTP32 2.7	24 Sep 2020	2.7 - 2.8	746718	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP32	JBTP32 3.7		3.7 - 3.7	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP32	JBTP32 3.7	24 Sep 2020	3.7 - 3.8	746718	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
JBTP32	QAA 230920-1	24 Sep 2020	1.6 - 1.6	746718	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP32	QAA 230920-1	24 Sep 2020		252473	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP33	JBTP33 0.3		0.3 - 0.3	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP33	JBTP33 2.5		2.5 - 2.5	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP33	JBTP33 2.5	24 Sep 2020	2.5 - 2.6	746718	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP33	JBTP33 4.4	24 Sep 2020	4.4 - 4.5	746718	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP34	JBTP34 4.6	24 Sep 2020	4.6 - 4.7	746718	SP01	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
JBTP34	JBTP34 0.3		0.3 - 0.3	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP34	JBTP34 1.2		1.2 - 1.2	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP34	JBTP34 2.5		2.5 - 2.5	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP34	JBTP34 0.3	24 Sep 2020	0.3 - 0.4	746718	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		

[illegible]



Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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EQI	Semivolatile Organic Compounds																												Solvents					
	1-Chloronaphthalene	2-Chloronaphthalene	Bis(2-chloroethoxy) methane	Hexachloropropene	Dibenz(a,j)acridine	Acetophenone	Bis(2-chloroethyl) ether	Bis(2-chloroisopropyl) ether	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	2,6-dinitrotoluene	2-Picoline	4-Aminobiphenyl	N-Nitrosomorpholine	N-Nitrosopiperidine	2-methyl-5-nitroaniline	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	N-Naphthylamine	2-Naphthylamine	3,3-Dichlorobenzidine	4-(dimethylamino) azobenzene	Azobenzene	Diphenylamine	Carbazole	Butyl benzyl phthalate	Dibenzofuran	Isosafrole	Methapyrene	Phenacetin	Acetone	Phosphorone	Benzyl chloride	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	1	0.5	0.5	1	1	1	0.5	1	0.5	
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																		
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																		
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil																																		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																		
>=0m, <1m																																		
>=1m, <2m																																		
>=2m, <4m																																		
>=4m																																		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																		
>=0m, <1m																																		
>=1m, <2m																																		
>=2m, <4m																																		
>=4m																																		
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																		
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																		
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																		
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																		

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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JBTPO1	JBTPO1 0.9	21 Sep 2020	0.9 - 1	745719	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table D1 - Soil Analytical Table v2



					Semivolatile Organic Compounds																														Solvents				
					1-Chloronaphthalene	2-Chloronaphthalene	Bis(2-chloroethoxy) methane	Hexachloropropene	Dibenz(a,j)acridine	Acetophenone	Bis(2-chloroethyl)ether	Bis(2-chloroisopropyl) ether	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	2,6-dinitrotoluene	2-Picoline	4-Aminobiphenyl	N-Nitrosomorpholine	N-Nitrosopiperidine	2-methyl-5-nitroaniline	N-nitrosodi-n-butylamine	N-nitrosodi-n-propylamine	1-Naphthylamine	2-Naphthylamine	3,3-Dichlorobenzidine	4-(dimethylamino) azobenzene	Azobenzene	Diphenylamine	Carbazole	Butyl benzyl phthalate	Dibenzofuran	Isoafrole	Methapyrene	Phenacetin	Acetone	Isophorone	Benzyl chloride		
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	1	0.5	0.5	1	1	1	0.5	1	0.5	
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																							
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																							
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil																																							
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																							
>=0m, <1m																																							
>=1m, <2m																																							
>=2m, <4m																																							
>=4m																																							
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																							
>=0m, <1m																																							
>=1m, <2m																																							
>=2m, <4m																																							
>=4m																																							
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																							
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																							
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																							
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																							
Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																		
SP03																																							
SP03-1	SP03-1			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SP03-2	SP03-2			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SP03-3	SP03-3			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

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	Chlorinated Benzenes											Polychlorinated Biphenyls											Phenols																
	1,2,3,4-tetrachlorobenzene	1,2,3,5-tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-Dichlorobenzene	1,3,5-trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Pentachlorobenzene	Kochlor 101.6	Kochlor 121	Kochlor 122	Kochlor 122	Kochlor 124	Kochlor 124	Kochlor 125	Kochlor 126	Kochlor 126	Kochlor 126	PCBs (Sum of total)	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,4-dinitrophenol	2,6-D	2,6-dichlorophenol	2-chlorophenol	2-Methylphenol	2-nitrophenol	2,6-Methylphenol (m&p-cresol)	4,6-Dinitro-2-methylphenol	4-Chloro-3-Methylphenol	4-nitrophenol	Phenol	Phenols Total
EOL	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.2	0.5	0.4	0.5	1	5	0.5	
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																							
NEPM (2013) Table 1A(1) HSLs Comm/Ind D Soil																																							
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																							
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NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																							

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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	Chlorinated Benzenes											Polychlorinated Biphenyls											Phenols																		
	1,2,3,4-tetrachlorobenzene	1,2,3,5-tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-Dichlorobenzene	1,3,5-trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Pentachlorobenzene	Kochlor 1016	Kochlor 1221	Kochlor 1232	Kochlor 1242	Kochlor 1248	Kochlor 1254	Kochlor 1260	Kochlor 1268	Kochlor 1262	KCBs (sum of total)	2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,4-dinitrophenol	2,6-D	2,6-dichlorophenol	2-chlorophenol	2-Methylphenol	2-nitrophenol	3,4-Methylphenol (m&p-cresol)	4,6-Dinitro-2-methylphenol	4-Chloro-3-Methylphenol	4-nitrophenol	Phenol	Phenolics Total			
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EOL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.2	0.5	0.4	0.5	1	5	0.5				
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																									
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																									
NEPM (2013) Table 1A(1) HSLs Comm/Ind D Soil																					7 ⁰																240,000				
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NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																									
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																									

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	&
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[illegible]



						Chlorinated Benzenes										Polychlorinated Biphenyls										Phenols																			
						1,2,3,4-tetrachlorobenzene	1,2,3,5-tetrachlorobenzene	1,2,3-trichlorobenzene	1,2,4,5-tetrachlorobenzene	1,2,4-trichlorobenzene	1,2-Dichlorobenzene	1,3,5-trichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Pentachlorobenzene											2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,4-dinitrophenol	2,6-D	2,6-dichlorophenol	2-chlorophenol	2-Methylphenol	2-nitrophenol	3,8,4-Methylphenol (m&p-cresol)	4,6-Dinitro-2-methylphenol	4-Chloro-3-Methylphenol	4-nitrophenol	Phenol	Phenolics Total		
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg						
EOL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.2	0.5	0.4	0.5	1	5	0.5			
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																													
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																													
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil																																													
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																													
>=0m, <1m																																													
>=1m, <2m																																													
>=2m, <4m																																													
>=4m																																													
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																													
>=0m, <1m																																													
>=1m, <2m																																													
>=2m, <4m																																													
>=4m																																													
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																													
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																													
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																													
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																													
Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																								
SP03																																													
SP03-1	SP03-1			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SP03-2	SP03-2			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SP03-3	SP03-3			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



						PFAS																														
						Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTriDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-Ethylperfluorooctanesulfonamidoethanol (NEFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (POFS)	Perfluorononanesulfonic acid (PFNS)	Perfluorodecanesulfonic acid (PFDS)	1H-1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H-1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H-1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)	1H-1H,2H,2H-perfluorodecanesulfonic acid (10:2 FTSA)	
EQI						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial						0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0005	0.0005	0.0005	0.0005	0.0005	0.005	0.001	0.001	0.001	0.005	0.0002	0.0002	0.005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.005	0.0002	0.0001	0.0001	0.0002	0.0002
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																				
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil																																				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																				
>=0m, <1m																																				
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NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																				
>=0m, <1m																																				
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NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																				
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NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																				
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																				

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH29	JBBH29 0.2-0.3	25 Sep 2020	0.2 - 0.3	746938	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH29A	JBBH29A 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
JBBH29A	JBBH29A 0.5-0.6	25 Sep 2020	0.5 - 0.6	746938	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH33	JBBH33 0-0.3	21 Sep 2020	0 - 0.3	745719	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH34	JBBH34 0-0.3	21 Sep 2020	0 - 0.3	745719	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH35	JBBH35 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
JBBH39	JBBH39 0.5	24 Sep 2020	0.5 - 0.6	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
JBBH40	JBBH40 0.4-0.5	22 Sep 2020	0.4 - 0.5	746648	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH40	JBBH40 0.1-0.2	22 Sep 2020	0.1 - 0.2	746648	191 Miller Road	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005
JBBH41	JBBH41 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH41	JBBH41 0.5		0.5 - 0.5	748554	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH41	JBBH41 0.1		0.1 - 0.1	748554	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH41	JBBH41 1		1 - 1	748554	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBBH41	JBBH41 1	24 Sep 2020	1 - 1.1	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	
JBBH42	JBBH42 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.														



EOL	PFAS																																	
	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTriDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-Ethylperfluorooctanesulfonamidoethanol (NEFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethylperfluorooctanesulfonamidoacetic acid (NEFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (POFS)	Perfluorononanesulfonic acid (PFNS)	Perfluorodecanesulfonic acid (PFDS)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)				
	mg/kg 0.0002	mg/kg 0.0002	mg/kg 0.0001	mg/kg 0.0001	mg/kg 0.0001	mg/kg 0.0001	mg/kg 0.0005	mg/kg 0.0005	mg/kg 0.0005	mg/kg 0.0005	mg/kg 0.005	mg/kg 0.001	mg/kg 0.001	mg/kg 0.001	mg/kg 0.001	mg/kg 0.005	mg/kg 0.0002	mg/kg 0.0002	mg/kg 0.005	mg/kg 0.0001	mg/kg 0.0001	mg/kg 0.0001	mg/kg 0.0001	mg/kg 0.0001	mg/kg 0.0001	mg/kg 0.005	mg/kg 0.0002	mg/kg 0.0001	mg/kg 0.0001	mg/kg 0.0002	mg/kg 0.0002			
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																		
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																		
NEPM (2013) Table 1A(1) HfLS Comm/Ind D Soil																																		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																		
>=0m, <1m																																		
>=1m, <2m																																		
>=2m, <4m																																		
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NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																		
>=0m, <1m																																		
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NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																		
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																		
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																		
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																		
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																		

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP16	JBS2007b_TP16 1.5	10 Nov 2007	1.5	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP17	JBS2007b_TP17 0.1	10 Nov 2007	0.1	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP17	JBS2007b_TP17 0.5	10 Nov 2007	0.5	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP18	JBS2007b_QC4	10 Nov 2007	1	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP18	JBS2007b_TP18 0.1	10 Nov 2007	0.1	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP18	JBS2007b_TP18 1.0	10 Nov 2007	1	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP18	JBS2007b_TP18 1.0	10 Nov 2007	1	55816	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP19	JBS2007b_QC3	10 Nov 2007	0.1	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP19	JBS2007b_TP19 0.1	10 Nov 2007	0.1	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP19	JBS2007b_TP19 0.1	10 Nov 2007	0.1	55816	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP19	JBS2007b_TP19 1.7	10 Nov 2007	1.7	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP20	JBS2007b_TP20 0.1	10 Nov 2007	0.1	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2007b_TP20	JBS2007b_TP20 0.5	10 Nov 2007	0.5	14317	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2008_TP01	JBS2008_TP1-0.0-0.1	21 Nov 2008	0 - 0.1	24506	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2008_TP02	JBS2008_TP2-0.0-0.1	21 Nov 2008	0 - 0.1	24506	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2008_TP03	JBS2008_TP3-0.0-0.1	21 Nov 2008	0 - 0.1	24506	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2008_TP04	JBS2008_TP4-0.0-0.1	21 Nov 2008	0 - 0.1	24506	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2008_TP05	JBS2008_QC1	21 Nov 2008	0 - 0.1	24506	191 Miller Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JBS2008_TP05	JBS200																															

[illegible]

Table D1 - Soil Analytical Table
Project Number: 70509
Project Name: 191 Miller Road, Chester Hill



EQL	PFAS																																	
	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTriDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-Ethylperfluorooctanesulfonamidoethanol (NEFOSE)	N-Methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-Ethyl-perfluorooctanesulfonamidoacetic acid (NEFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorononanesulfonic acid (PFNS)	Perfluorodecanesulfonic acid (PFDS)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)				
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
	0.0002	0.0002	0.0001	0.0001	0.0001	0.0001	0.0005	0.0005	0.0005	0.0005	0.005	0.001	0.001	0.001	0.001	0.005	0.0002	0.0002	0.005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.005	0.0002	0.0001	0.0001	0.0002	0.0002			
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NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																		

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Accession Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH29	JBBH29 0.2-0.3	25 Sep 2020	0.2 - 0.3	746938	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH29A	JBBH29A 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH29A	JBBH29A 0.5-0.6	25 Sep 2020	0.5 - 0.6	746938	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH33	JBBH33 0-0.3	21 Sep 2020	0 - 0.3	745719	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH34	JBBH34 0-0.3	21 Sep 2020	0 - 0.3	745719	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH35	JBBH35 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH39	JBBH39 0.5	24 Sep 2020	0.5 - 0.6	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH40	JBBH40 0.4-0.5	22 Sep 2020	0.4 - 0.5	746648	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH40	JBBH40 0.1-0.2	22 Sep 2020	0.1 - 0.2	746648	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH41	JBBH41 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH41	JBBH41 0.5		0.5 - 0.5	748554	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH41	JBBH41 0.1		0.1 - 0.1	748554	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH41	JBBH41 1		1 - 1	748554	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH41	JBBH41 1	24 Sep 2020	1 - 1.1	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH42	JBBH42 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH42	JBBH42 0.5	24 Sep 2020	0.5 - 0.6	746718	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH43	JBBH43 0-0.1		0 - 0.1	748554	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH44	JBBH44 0-0.1		0 - 0.1	748554	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH46	JBBH46 0.1		0.1 - 0.1	748554	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH46	JBBH46 1	24 Sep 2020	1 - 1.1	746718	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH46	JBBH46 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH46	JBBH46 0.5	24 Sep 2020	0.5 - 0.6	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH48	JBBH48 1.5	24 Sep 2020	1.5 - 1.6	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH49	JBBH49 0.0-0.1	22 Sep 2020	0 - 0.1	746402	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH51	JBBH51 0.1-0.2	22 Sep 2020	0.1 - 0.2	746648	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH51	JBBH51 0.4-0.5	22 Sep 2020	0.4 - 0.5	746648	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH53	JBBH53 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH53	QCJ_20200925-3	25 Sep 2020	0 - 0.1	746938	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH53	JBBH53 0.5-0.6		0.5 - 0.6	748554	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH53	JBBH53 0.9-1.0		0.9 - 1	748554	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH53	QAJ_20200925-3	25 Sep 2020		252951	191 Miller Road	0.0004	-	0.0004	-	0.0004	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
JBBH54	JBBH54 0.1-0.2	22 Sep 2020	0.1 - 0.2	746402	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH55	JBBH55 0.1-0.2	22 Sep 2020	0.1 - 0.2	746648	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH55	JBBH55 0.4-0.5	22 Sep 2020	0.4 - 0.5	746648	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH57	JBBH57 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH57	JBBH57 0.2-0.3	25 Sep 2020	0.2 - 0.3	746938	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH58	QCJ_20200924	24 Sep 2020	0.1 - 0.1	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH58	JBBH58 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH62	JBBH62 0-0.1	25 Sep 2020	0 - 0.1	746938	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH63	JBBH63 0.1	24 Sep 2020	0.1 - 0.2	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH63	JBBH63 1.0	24 Sep 2020	1 - 1.1	746718	191 Miller Road	-	-	-	-	-	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH63	JBBH63 0.5	24 Sep 2020	0.5 - 0.6	746718	191 Miller Road	<0.005	<0.005	<0.005	<0.01	<0.05	<0.5	<0.5	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
JBBH63	QAJ_20200924-2	24 Sep 2020		252473	191 Miller Road	<0.0001	-	0.0001	-	0.0005	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
JBS2007b_TP01	JBS2007b_TP1 0.1	10 Oct 2007	0.1	14317	191 Miller Road	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1
JBS2007b_TP01	JBS2007b_TP1 1.0	10 Oct 2007	1	14317	191 Miller Road	-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
JBS2007b_TP02	JBS2007b_TP2 0.1	10 Oct 2007	0.1	14317	191 Miller Road																							



						MAH										Miscellaneous Hydrocarbons							Trihalomethanes				
	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFAS (WA DER List)	Sum of PFAS	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Cyclohexane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL	0.0001	0.005	0.0001	0.01	0.0001	0.5	0.5	1	1	1	1	0.5	1	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																											
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																											
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil																											
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																											
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																											
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																											
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																											

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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						MAH										Miscellaneous Hydrocarbons							Trihalomethanes				
	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFAS (WA DER List)	Sum of PFAS	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Cyclohexane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
EQL	0.0001	0.005	0.0001	0.01	0.0001	0.5	0.5	1	1	1	1	0.5	1	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																											
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																											
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil																											
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																											
>=0m, <1m																											
>=1m, <2m																											
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>=4m																											
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
>=0m, <1m																											
>=1m, <2m																											
>=2m, <4m																											
>=4m																											
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																											
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																											
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																											
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																											
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																											

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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[illegible]

[illegible]



						MAH												Miscellaneous Hydrocarbons								Trihalomethanes			
	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of PFAS (WA DER List)	Sum of PFAS	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	n-butylbenzene	n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	Total MAH	Bromo benzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Cyclohexane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl ketone	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane		
EQL	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
	0.0001	0.005	0.0001	0.01	0.0001	0.5	0.5	1	1	1	1	0.5	1	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																													
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																													
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil																													
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																													
>=0m, <1m																													
>=1m, <2m																													
>=2m, <4m																													
>=4m																													
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
>=0m, <1m																													
>=1m, <2m																													
>=2m, <4m																													
>=4m																													
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																													
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																													
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																													
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																													
Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																								
SP03																													
SP03-1	SP03-1			748554	SP03	<0.005	<0.005	<0.005	<0.01	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SP03-2	SP03-2			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SP03-3	SP03-3			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		



	Herbicides & Fungicides																												Phthalates					Organic Sulfur Compounds		Organic Alcohols
	Picloram	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy Acetic Acid	2,4-dichlorophenoxybutanoic acid	2,4-Dichloroprop	2-Methyl-4-Chlorophenoxy Butanoic Acid	2-Methyl-4-chlorophenoxyacetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	linetryn	triazine	Bromoxynil	Clpyralid	Cyanazine	Dicamba	Dinoseb	Medonal	Hexazinone	Mecoprop	Metribuzin	Pronamide	Propazine	Simazine	terbutryn	Triclopyr	trifluralin	terbutylazine	bis(2-ethylhexyl) phthalate	Diethylphthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Carbon disulfide	Sulphur as S	Benzyl Alcohol		
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EOL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	100	1			
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																				
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																				
NEPM (2013) Table 1A(1) HILS Comm/Ind D Soil	35,000		5,000			5,000	5,000			2,500							9,000	5,000																		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																				
>=0m, <1m																																				
>=1m, <2m																																				
>=2m, <4m																																				
>=4m																																				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																				
>=0m, <1m																																				
>=1m, <2m																																				
>=2m, <4m																																				
>=4m																																				
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																				
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																				

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	Herbicides & Fungicides																												Phthalates					Organic Sulfur Compounds		Organic Alcohols
	Picloram	2,4,5-TP (Silvex)	2,4,5-Trichlorophenoxy Acetic Acid	2,4-dichlorophenoxybutanoic acid	2,4-Dichloroprop	2-Methyl-4-Chlorophenoxy Butanoic Acid	2-Methyl-4-chlorophenoxyacetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	Ametryn	Alazine	Bromoxynil	Coppyralid	Cyanazine	Dicamba	Dinoseb	Hexachlor	Hexazinone	Mecoprop	Metribuzin	Promamide	Propazine	Simazine	Terbutryn	Triclopyr	Trifluralin	Terbutylazine	Bis(2-ethylhexyl) phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Carbon disulfide	Sulphur as S	Benzyl Alcohol		
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
EOL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	100	1				
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																				
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																				
NEPM (2013) Table 1A(1) Hills Comm/Ind D Soil	35,000		5,000			5,000	5,000			2,500										9,000		5,000														
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																				
>=0m, <1m																																				
>=1m, <2m																																				
>=2m, <4m																																				
>=4m																																				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																				
>=0m, <1m																																				
>=1m, <2m																																				
>=2m, <4m																																				
>=4m																																				
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																				
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																				

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</
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Cocation Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone
SP01					
J8TP01	J8TP01 0.9	21 Sep 2020	0.9 - 1	745719	SP01
J8TP01	J8TP01 1.6	21 Sep 2020	1.6 - 1.7	745719	SP01
J8TP01	J8TP01 2.8	21 Sep 2020	2.8 - 2.9	745719	SP01
J8TP02	J8TP02 0.5	21 Sep 2020	0.5 - 0.6	745719	SP01
J8TP02	J8TP02 3	21 Sep 2020	3 - 3.1	745719	SP01
J8TP02	J8TP02 1.5	21 Sep 2020	1.5 - 1.6	745719	SP01
J8TP02	J8TP02 3	21 Sep 2020	3 - 3	748554	SP01
J8TP03	J8TP03 0.9	21 Sep 2020	0.9 - 1	745719	SP01
J8TP03	J8TP03 3	21 Sep 2020	3 - 3.1	745719	SP01
J8TP03	J8TP03 0.3	21 Sep 2020	0.3 - 0.4	745719	SP01
J8TP04	J8TP04 1.8	21 Sep 2020	1.8 - 1.9	745719	SP01
J8TP04	J8TP04 0.9	21 Sep 2020	0.9 - 1	745719	SP01
J8TP04	J8TP04 3	21 Sep 2020	3 - 3.1	745719	SP01
J8TP05	J8TP05 0.4	21 Sep 2020	0.4 - 0.5	745719	SP01
J8TP05	J8TP05 3.1	21 Sep 2020	3.1 - 3.2	745719	SP01
J8TP05	J8TP05 1.5	21 Sep 2020	1.5 - 1.6	745719	SP01
J8TP05	J8TP05 3.1	21 Sep 2020	3.1 - 3.1	748554	SP01
J8TP06	J8TP06 0.5	21 Sep 2020	0.5 - 0.6	745719	SP01
J8TP06	J8TP06 3	21 Sep 2020	3 - 3.1	745719	SP01
J8TP06	J8TP06 1.1	21 Sep 2020	1.1 - 1.2	745719	SP01
J8TP06	J8TP06 2.1	21 Sep 2020	2.1 - 2.1	748554	SP01
J8TP06	J8TP06 2.1	21 Sep 2020	2.1 - 2.2	745719	SP01
J8TP06	J8TP06 4	21 Sep 2020	4 - 4.1	745719	SP01
J8TP07	J8TP07 0.6	21 Sep 2020	0.6 - 0.7	745719	SP01
J8TP07	J8TP07 2.5	21 Sep 2020	2.5 - 2.6	745719	SP01
J8TP07	J8TP07 4	21 Sep 2020	4 - 4.1	745719	SP01
J8TP07	J8TP07 1.5	21 Sep 2020	1.5 - 1.6	745719	SP01
J8TP07	J8TP07 2.5	21 Sep 2020	2.5 - 2.5	748554	SP01
J8TP08	J8TP08 2.5	21 Sep 2020	2.5 - 2.6	745719	SP01
J8TP08	J8TP08 0.5	21 Sep 2020	0.5 - 0.6	745719	SP01
J8TP08	J8TP08 1.5	21 Sep 2020	1.5 - 1.6	745719	SP01
J8TP08	J8TP08 2.5	21 Sep 2020	2.5 - 2.5	748554	SP01
J8TP08	J8TP08 4	25 Sep 2020	4 - 4.1	746938	SP01
J8TP09	J8TP09 3.5	21 Sep 2020	3.5 - 3.6	745719	SP01
J8TP09	J8TP09 0.5	21 Sep 2020	0.5 - 0.6	745719	SP01
J8TP09	J8TP09 2.5	21 Sep 2020	2.5 - 2.6	745719	SP01
J8TP09	J8TP09 3.5	21 Sep 2020	3.5 - 3.5	748554	SP01
J8TP10	J8TP10 2.5	21 Sep 2020	2.5 - 2.6	745719	SP01
J8TP10	J8TP10 4	25 Sep 2020	4 - 4.1	746938	SP01
J8TP10	J8TP10 0.5	21 Sep 2020	0.5 - 0.6	745719	SP01
J8TP10	J8TP10 1.5	21 Sep 2020	1.5 - 1.6	745719	SP01
J8TP10	J8TP10 2.5	21 Sep 2020	2.5 - 2.5	748554	SP01
J8TP11	J8TP11 3.6	22 Sep 2020	3.6 - 3.7	746648	SP01
J8TP11	J8TP11 3	22 Sep 2020	3 - 3.1	746648	SP01
J8TP11	J8TP11 0.3-0.4	22 Sep 2020	0.3 - 0.4	746648	SP01
J8TP11	QCR_01	22 Sep 2020	3 - 3	746648	SP01
J8TP11	J8TP11 1.5	22 Sep 2020	1.5 - 1.6	746648	SP01
J8TP11	J8TP11 2.5	22 Sep 2020	2.5 - 2.6	746648	SP01
J8TP11	QCK01	22 Sep 2020	0.3 - 0.4	746648	SP01
J8TP11	J8TP11 0.3-0.4	22 Sep 2020	0.3 - 0.4	748554	SP01
J8TP11	J8TP11 0.7	22 Sep 2020	0.7 - 0.8	746648	SP01
J8TP11	J8TP11 3.6	22 Sep 2020	3.6 - 3.6	748554	SP01
J8TP11	QAR_01	22 Sep 2020		252351	SP01
J8TP11	QAR_01	22 Sep 2020		252351	SP01
J8TP12	J8TP12 1.8	22 Sep 2020	1.8 - 1.9	746648	SP01
J8TP12	QCR_02	22 Sep 2020	1.8 - 1.8	746648	SP01
J8TP12	QAR_02	22 Sep 2020		252351	SP01
J8TP13	J8TP13 1.2	22 Sep 2020	1.2 - 1.3	746648	SP01
J8TP13	J8TP13 2	22 Sep 2020	2 - 2.1	746648	SP01
J8TP13	J8TP13 3	22 Sep 2020	3 - 3.1	746648	SP01
J8TP14	J8TP14 1.8	22 Sep 2020	1.8 - 1.9	746648	SP01
J8TP14	J8TP14 0.3	22 Sep 2020	0.3 - 0.4	746648	SP01
J8TP14	J8TP14 1.8	22 Sep 2020	1.8 - 1.8	748554	SP01
J8TP14	J8TP14 2.9	22 Sep 2020	2.9 - 3	746648	SP01
J8TP15	J8TP15 0.7	22 Sep 2020	0.7 - 0.8	746648	SP01
J8TP15	J8TP15 1.5	22 Sep 2020	1.5 - 1.6	746648	SP01
J8TP15	J8TP15 2.8	22 Sep 2020	2.8 - 2.9	746648	SP01
J8TP15	QAR_03	22 Sep 2020		252351	SP01
J8TP15	QCR_03	22 Sep 2020	1.5 - 1.5	746648	SP01



	Herbicides & Fungicides																												Phthalates					Organic Sulfur Compounds		Organic Alcohols
	Picloram	2,4,5-TP (Silverx)	2,4,5-Trichlorophenoxy Acetic Acid	2,4-dichlorophenoxybutanoic acid	2,4-Dichloroprop	2-Methyl-4-Chlorophenoxy Butanoic Acid	2-Methyl-4-chlorophenoxyacetic acid	4-(2,4-Dichlorophenoxy)butyric Acid (2,4-DB)	linetryn	triazine	Bromoxynil	Clpyralid	Cyanazine	Dicamba	Dinoseb	Hexdona	Hexazinone	Mecoprop	Metribuzin	Pronamide	Propazine	Simazine	terbutryn	Triclopyr	trifluralin	terbutylazine	bis(2-ethylhexyl) phthalate	Diethylphthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Carbon disulfide	Sulphur as S	Benzyl Alcohol		
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
EOL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	100	1			
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																				
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																				
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil	35,000		5,000			5,000	5,000			2,500								9,000	5,000																	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																				
>=0m, <1m																																				
>=1m, <2m																																				
>=2m, <4m																																				
>=4m																																				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																				
>=0m, <1m																																				
>=1m, <2m																																				
>=2m, <4m																																				
>=4m																																				
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																				
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																				

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Project Number: 70509
Project Name: 191 Miller Road, Chester Hill

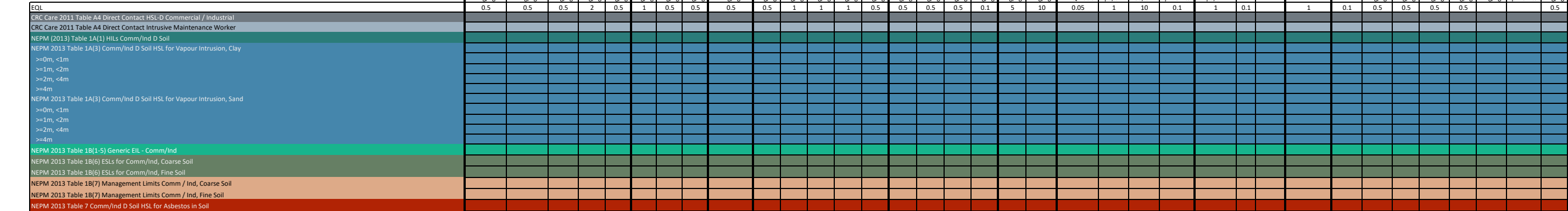


Table D1 - Soil Analytical Table v2 JBS&G Australia Pty Ltd 58 of 66



	Herbicides					Nitro-benzenes			Nitro-toluenes	Anilines					Non-Metallic Inorganics				Major Anions		Ionic Balance				Inorganics			Particle Size	Other									
	2,4,6-Trichlorophenoxy-acetic acid	2-Chlorophenoxyacetic acid	4-Chlorophenoxy acetic acid	Acifluorfen	Prometryn	1,3-dinitrobenzene	Nitrobenzene	Pentachloronitrobenzene	2,4-dinitrotoluene	2-Nitroaniline	3-Nitroaniline	4-Chloroaniline	4-Nitroaniline	Aniline	Ammonia as N	Fluoride	Nitrate (as N)	Nitrite (as N)	Chloride	Sulphate	CEC	Electrical Conductivity (Lab)	Conductivity (1:5 aqueous extract)	pH (aqueous extract)	Electrical Conductivity (Non Compensated)	Moisture	pH 1:5 soil:water:1:5 soil:water	% Clay*	Moisture Content (dried @ 103 °C)	3,5-Dichlorobenzoic acid	Atril (Ioxynil)	DCPA (Chlorthal) Diacid	Irganol	Low Molecular Weight PAHs	pH	Phosalone		
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MEQ/100G	µS/cm	US/CM	pH Units	µS/cm	%	-	%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH Units	mg/kg	
EQL	0.5	0.5	0.5	2	0.5	1	0.5	0.5	0.5	0.5	1	1	1	0.5	0.5	0.5	0.5	0.1	5	10	0.05	1	10	0.1	1	0.1		1	0.1	0.5	0.5	0.5	0.5				0.5	
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																						
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																						
NEPM (2013) Table 1A(1) Hills Comm/Ind D Soil																																						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																						
>=0m, <1m																																						
>=1m, <2m																																						
>=2m, <4m																																						
>=4m																																						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																						
>=0m, <1m																																						
>=1m, <2m																																						
>=2m, <4m																																						
>=4m																																						
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																						
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																						
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																						
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																						
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																						
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil																																						
Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																	
SP03																																						
SP03-1	SP03-1			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.3	-	-	-	-	-	-	-		
SP03-2	SP03-2			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-		
SP03-3	SP03-3			748554	SP03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-		

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Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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						Asbestos - Eurofins																		Asbestos - Envirolab					
	Approximate Sample Mass	Mass ACM	Mass Asbestos in ACM	Asbestos from ACM in Soil	Mass FA	Mass Asbestos in FA	Mass AF	Comment	Mass asbestos in AF	Comment	Mass Asbestos in FA & AF	Comment	ACM - Comment	FA - Comment	AF - Comment	Organic Fibres - Comment	Respirable Fibres - Comment	Synthetic Fibres - Comment	Asbestos Reported Result	Asbestos FA & AF in Soil	Asbestos ID in Soil	Total Asbestos	Asbestos (ACM >7mm) Estimation	Asbestos in soil (<2mm AF/FA) (%w/w)	Asbestos in soil (<2mm AF/FA) (%w/w)				
	g	g	g	% (w/w)	g	g	g	Comment	g	Comment	g	Comment	Comment	Comment	Comment	Comment	Comment	Comment	Comment	% (w/w)	g/kg	mg/kg	g/kg	% (w/w)	% (w/w)	g			
EQL																							0	0	0				
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																													
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																													
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil																													
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																													
>=0m, <1m																													
>=1m, <2m																													
>=2m, <4m																													
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NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																													
>=0m, <1m																													
>=1m, <2m																													
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NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																													
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																													
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																													
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil				0.05 ⁴²⁴																0.001 ⁴²⁵				0.05 ⁴²⁴	0.001 ⁴²⁵				

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone																												
JBTP16	JBTP16.2	22 Sep 2020	2 - 2.1	746648	SP01	524	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JBTP16	JBTP16.1	22 Sep 2020	1 - 1.1	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP16	JBTP16.2	22 Sep 2020	2 - 2.1	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP16	JBTP16.3		3 - 3	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP16	JBTP16.3	22 Sep 2020	3 - 3.1	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP17	JBTP17.0.5	22 Sep 2020	0.5 - 0.6	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP17	JBTP17.1.7	22 Sep 2020	1.7 - 1.8	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP17	JBTP17.3	22 Sep 2020	3 - 3.1	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP18	JBTP18.0.5	22 Sep 2020	0.5 - 0.6	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP18	JBTP18.1.9	22 Sep 2020	1.9 - 2	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP18	JBTP18.2.9	22 Sep 2020	2.9 - 3	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP18	JBTP18.4.3		4.3 - 4.3	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP18	JBTP18.4.3	22 Sep 2020	4.3 - 4.4	746648	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP19	JBTP19.0.5-0.6	23 Sep 2020	0.5 - 0.6	746402	SP01	687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JBTP19	JBTP19.1.5-1.6	23 Sep 2020	1.5 - 1.6	746402	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP19	JBTP19.2.9-3.0	23 Sep 2020	2.9 - 3	746402	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP20	JBTP20.0.3-0.4	23 Sep 2020	0.3 - 0.4	746402	SP01	780	0.2936	0.0294	0.0038	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JBTP20	JBTP20.3.1-3.2	23 Sep 2020	3.1 - 3.2	746402	SP01	770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JBTP20	JBTP20.1.8-1.9	23 Sep 2020	1.8 - 1.9	746402	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP20	JBTP20.3.1-3.2		3.1 - 3.2	748554	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP21	JBTP21.3.0-3.1	23 Sep 2020	3 - 3.1	746402	SP01	590	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JBTP21	JBTP21.0.6-0.7	23 Sep 2020	0.6 - 0.7	746402	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP21	JBTP21.1.5-1.6	23 Sep 2020	1.5 - 1.6	746402	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP22	JBTP22.1.3-1.4	23 Sep 2020	1.3 - 1.4	746402	SP01	618	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JBTP22	JBTP22.0.5-0.6	23 Sep 2020	0.5 - 0.6	746402	SP01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
JBTP22	JBTP22.2.9-3.0	23 Sep 2020	2.9 - 3	746402	SP01	-	-	-	-	-																							

Table D1 - Soil Analytical Table v2



	Asbestos - Eurofins																								Asbestos - Envirolab							
	Approximate Sample Mass	Mass ACM	Mass Asbestos in ACM	Asbestos from ACM in Soil	Mass FA	Mass Asbestos in FA	Mass AF	Comment	Mass asbestos in AF	Mass Asbestos in FA & AF	ACM - Comment	FA - Comment	AF - Comment	Organic Fibres - Comment	Respirable Fibres - Comment	Synthetic Fibres - Comment	Asbestos Reported Result	Asbestos FA & AF in Soil	Asbestos ID in Soil	Total Asbestos	Asbestos (ACM >7mm) Estimation	Asbestos in soil (<2mm AF/FA) (%w/w)	Asbestos in soil (<2mm AF/FA) (%w/w)									
	g	g	g	% (w/w)	g	g	g		g									% (w/w)	g/kg	mg/kg	g/kg	% (w/w)	% (w/w)	g								
EQL																					0	0	0	0								
CRC Care 2011 Table A4 Direct Contact HSL-D Commercial / Industrial																																
CRC Care 2011 Table A4 Direct Contact Intrusive Maintenance Worker																																
NEPM (2013) Table 1A(1) HILs Comm/Ind D Soil																																
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																
>=0m, <1m																																
>=1m, <2m																																
>=2m, <4m																																
>=4m																																
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																
>=0m, <1m																																
>=1m, <2m																																
>=2m, <4m																																
>=4m																																
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																
NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil				0.05 ^{#24}														0.001 ^{#25}				0.05 ^{#24}	0.001 ^{#25}									

Location Code	Field ID	Date	Depth	Lab Report Number	Monitoring Zone
SP03					
SP03-1	SP03-1			748554	SP03
SP03-2	SP03-2			748554	SP03
SP03-3	SP03-3			748554	SP03

Appendix B Borelogs

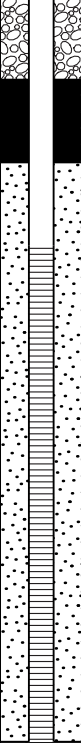
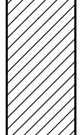
PROJECT NUMBER - ; 70509		DRILLING COMPANY Terratest		EASTING	
PROJECT NAME - ; 191 Miller Road, Chester Hil		DRILL RIG Geoprobe		NORTHING	
CLIENT ; Logispace		DRILLING METHOD Solid Flight Auger		COORD SYS GDA2020_MGA_zone_56	
ADDRESS 191 Miller Road, Chester Hill		TOTAL DEPTH 6.50 m bgl		ELEVATION m AHD	
DRILLING DATE 15 Oct 2025		DIAMETER 100 mm		LOGGED BY LC	
PERMIT NO		CHECKED BY			
COMPLETION Gatic		CASING		SCREEN INTERVAL - m bgl	
COMMENTS					

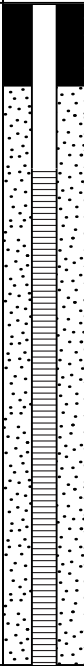
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations
HA			0.5		Fill - Gravelly SILT, brown/ dark-brown, heterogeneous, dry, non-plastic, soft, with inclusions of roots, asbestos containing material (ACM), slag/ ash, igneous and sandstone gravels and brick fragment.	DR			Asbestos fragment. No odour or staining.
SFA			1						
			1.5			DR			
			2			DP			
			2.5						
			3		Natural - Silty CLAY, dark brown/ brown, homogenous, damp, low plasticity, soft				No odour, staining or asbestos.
			3.5		Natural - Silty CLAY, brown, homogenous, moist, turning dark brown at 5.5 mbgs.	M			No odour, staining or asbestos.
			4						
			4.5						
			5						
			5.5						
			6		Natural - SHALE, dark brown/ grey, homogenous, dry.	DR			No odour, staining or asbestos.
			6.5		Termination Depth at: 6.50 m bgl				
			7						
			7.5						
			8						
			8.5						

PROJECT NUMBER - ; 70509		DRILLING COMPANY Terratest		EASTING	
PROJECT NAME - ; 191 Miller Road, Chester Hil		DRILL RIG Geoprobe		NORTHING	
CLIENT ; Logispace		DRILLING METHOD Solid Flight Auger		COORD SYS GDA2020_MGA_zone_56	
ADDRESS 191 Miller Road, Chester Hill		TOTAL DEPTH 5.00 m bgl		ELEVATION m AHD	
DRILLING DATE 15 Oct 2025		DIAMETER 100 mm		LOGGED BY LC	
PERMIT NO		CHECKED BY			
COMPLETION Gatic		CASING		SCREEN INTERVAL - m bgl	
COMMENTS					

Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations
HA			0.5		Fill - Gravelly SILT, brown, heterogeneous, dry, non-plastic, soft, with inclusions of roots, terracotta pipe fragment, igneous gravels, roots and ash/slag.	DR			No odour, staining or asbestos.
SFA			1		Fill - Silty CLAY, grey, heterogeneous, dry, low plasticity, soft, with inclusions of trace igneous gravels.	DR			No odour, staining or asbestos.
			1.5		Natural - Silty CLAY, orange brown, homogenous, damp, medium plasticity, soft	DP			No odour, staining or asbestos.
			2						
			2.5						
			3		Natural - Silty CLAY, orange brown, homogenous, wet, medium plasticity, soft	DP			No odour, staining or asbestos.
		3.5							
		4							
			4.5		Natural - SHALE, dark brown/ grey, heterogeneous, damp.	DP			No odour, staining or asbestos.
			5		Termination Depth at: 5.00 m bgl				
			5.5						
			6						
			6.5						
			7						
			7.5						
			8						
			8.5						

PROJECT NUMBER - ; 70509		DRILLING COMPANY Terratest		EASTING	
PROJECT NAME - ; 191 Miller Road, Chester Hil		DRILL RIG Geoprobe		NORTHING	
CLIENT ; Logispace		DRILLING METHOD Solid Flight Auger		COORD SYS GDA2020_MGA_zone_56	
ADDRESS 191 Miller Road, Chester Hill		TOTAL DEPTH 4.50 m bgl		ELEVATION m AHD	
DRILLING DATE 15 Oct 2025		DIAMETER 100 mm		LOGGED BY LC	
PERMIT NO.		CHECKED BY			
COMPLETION Gatic		CASING		SCREEN INTERVAL - m bgl	
COMMENTS					

Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations
HA			0.5		Fill - Gravelly SILT, dark brown, heterogeneous, dry, non-plastic, soft, with inclusions of igneous gravels and roots.	DR			No odour, staining or asbestos.
SFA			1		Natural - Silty CLAY, beige/ grey, heterogeneous, dry, high plasticity, firm	DR			No odour, staining or asbestos.
			1.5		Natural - Silty CLAY as above, beige	DP			No odour, staining or asbestos.
			2		Natural - Silty CLAY as above, moist	M			No odour, staining or asbestos.
			2.5						
			3						
			3.5						
			4						
			4.5		Termination Depth at: 4.50 m bgl				
			5						
			5.5						
			6						
			6.5						
			7						
			7.5						
			8						
			8.5						

PROJECT NUMBER - ; 70509		DRILLING COMPANY Terratest		EASTING					
PROJECT NAME - ; 191 Miller Road, Chester Hill		DRILL RIG Geoprobe		NORTHING					
CLIENT ; Logispace		DRILLING METHOD Solid Flight Auger		COORD SYS GDA2020_MGA_zone_56					
ADDRESS 191 Miller Road, Chester Hill		TOTAL DEPTH 4.00 m bgl		ELEVATION m AHD					
DRILLING DATE 15 Oct 2025		DIAMETER 100 mm		LOGGED BY LC					
PERMIT NO.				CHECKED BY					
COMPLETION Gatic		CASING		SCREEN INTERVAL - m bgl					
COMMENTS									
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations
HA	i√				Fill - Gravelly SILT, brown, heterogeneous, dry, non-plastic, firm, with inclusions of igneous gravels and roots.	DR			No odour, staining or asbestos.
SFA			0.5		Natural - Silty CLAY, beige, heterogeneous, dry, low plasticity, firm	DR			No odour, staining or asbestos.
			1		Natural - Silty CLAY, red brown, heterogeneous, damp, low plasticity, firm	DP			No odour, staining or asbestos.
			1.5						
			2		Natural - Silty CLAY as above, moist	DP			No odour, staining or asbestos.
			2.5		Natural - Silty CLAY, beige/ grey, heterogeneous, moist, medium plasticity, soft	M			No odour, staining or asbestos.
			3		Natural - Silty CLAY as above, beige/ brown	M			No odour, staining or asbestos.
			4		Termination Depth at: 4.00 m bgl				
			4.5						
			5						
			5.5						
			6						
			6.5						
			7						
			7.5						
			8						
			8.5						

PROJECT NUMBER - ; 70509		DRILLING COMPANY Terratest		EASTING	
PROJECT NAME - ; 191 Miller Road, Chester Hil		DRILL RIG Geoprobe		NORTHING	
CLIENT ; Logispace		DRILLING METHOD Solid Flight Auger		COORD SYS GDA2020_MGA_zone_56	
ADDRESS 191 Miller Road, Chester Hill		TOTAL DEPTH 4.00 m bgl		ELEVATION m AHD	
DRILLING DATE 15 Oct 2025		DIAMETER 100 mm		LOGGED BY LC	
PERMIT NO		CHECKED BY			
COMPLETION Gatic		CASING		SCREEN INTERVAL - m bgl	
COMMENTS					

Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations
HA			0.5		Fill - Gravelly SILT, brown, heterogeneous, dry, non-plastic, firm, with inclusions of igneous gravels and roots.	DR			No odour, staining or asbestos.
SFA			1		Fill - Silty CLAY, dark brown, heterogeneous, dry, non-plastic, firm, with inclusions of trace gravels.	DR			No odour, staining or asbestos.
			1.5		Natural - Silty CLAY, beige/ grey, heterogeneous, damp, medium plasticity, soft	DP			No odour, staining or asbestos.
			2						
			2.5						
			3		Natural - Silty CLAY, orange brown, heterogeneous, moist, high plasticity, soft	M			No odour, staining or asbestos.
			3.5						
			4		Termination Depth at: 4.00 m bgl				
			4.5						
			5						
			5.5						
			6						
			6.5						
			7						
			7.5						
			8						
			8.5						

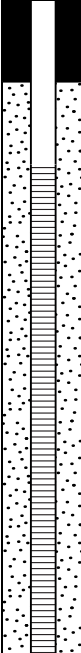
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PROJECT NAME - ; 191 Miller Road, Chester Hil		DRILL RIG Geoprobe		NORTHING	
CLIENT ; Logispace		DRILLING METHOD Solid Flight Auger		COORD SYS GDA2020_MGA_zone_56	
ADDRESS 191 Miller Road, Chester Hill		TOTAL DEPTH 4.00 m bgl		ELEVATION m AHD	
DRILLING DATE 15 Oct 2025		DIAMETER 100 mm		LOGGED BY LC	
PERMIT NO.		CHECKED BY			
COMPLETION Gatic		CASING		SCREEN INTERVAL - m bgl	
COMMENTS					

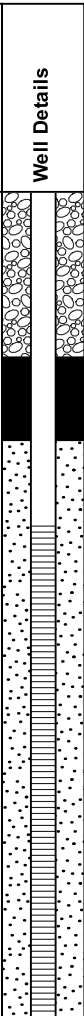
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations
HA			0.5		Fill - Gravelly SILT, dark brown, heterogeneous, dry, non-plastic, firm, with inclusions of igneous gravels and dry clay clasts.	DR			No odour, staining or asbestos.
SFA			1		Natural - Silty CLAY, brown, heterogeneous, dry, medium plasticity, soft	DR			No odour, staining or asbestos.
			1.5		Natural - Silty CLAY as above, orange/ grey mottling and damp.	DR			No odour, staining or asbestos.
			2		Natural - Silty CLAY as above, moist.	DR			No odour, staining or asbestos.
			2.5						
			3		Natural - Silty CLAY as above, orange brown.	DR			No odour, staining or asbestos.
			3.5						
			4		Termination Depth at: 4.00 m bgl				
			4.5						
			5						
			5.5						
			6						
			6.5						
			7						
			7.5						
			8						
			8.5						

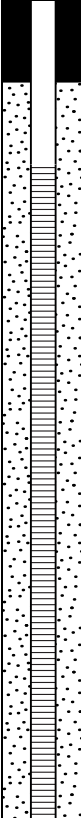
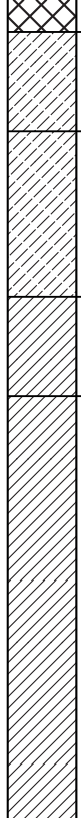
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PROJECT NAME - ; 191 Miller Road, Chester Hil		DRILL RIG Geoprobe		NORTHING	
CLIENT ; Logispace		DRILLING METHOD Solid Flight Auger		COORD SYS GDA2020_MGA_zone_56	
ADDRESS 191 Miller Road, Chester Hill		TOTAL DEPTH 8.50 m bgl		ELEVATION m AHD	
DRILLING DATE 15 Oct 2025		DIAMETER 100 mm		LOGGED BY LC	
PERMIT NO		CHECKED BY			
COMPLETION Gatic		CASING		SCREEN INTERVAL - m bgl	
COMMENTS					

Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations
HA			0.5		Fill - Gravelly SILT, dark brown, heterogeneous, dry, non-plastic, soft, with inclusions of glass fragment, igneous and sandstone gravels.	DR			No odour, staining or asbestos.
SFA			1		Fill - Silty CLAY, brown, heterogeneous, dry, low plasticity, firm, with inclusions of trace gravels.	DR			No odour, staining or asbestos.
			1.5		Fill - Silty CLAY as above, grey, medium plasticity and firm.	DR			No odour, staining or asbestos.
			2		Natural - Silty CLAY, grey/ beige mottling, heterogeneous, damp, high plasticity, firm	DP			No odour, staining or asbestos.
			2.5						
			3						
			3.5						
			4						
			4.5						
			5						
			5.5						
			6						
			6.5						
			7						
			7.5		Natural - SHALE, dark grey, heterogeneous, dry,	DR			No odour, staining or asbestos.
			8						
			8.5		Termination Depth at: 8.50 m bgl				

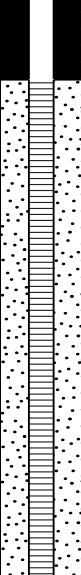
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PROJECT NAME - ; 191 Miller Road, Chester Hil				DRILL RIG Geoprobe				NORTHING					
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56					
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 4.50 m bgl				ELEVATION m AHD					
DRILLING DATE 15 Oct 2025				DIAMETER 100 mm				LOGGED BY LC					
PERMIT NO				CHECKED BY									
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl					
COMMENTS													
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations				
CC					Concrete								
PT					Fill - Gravelly, silty CLAY, brown/ red, heterogeneous, wet, low plasticity, soft, with inclusions of igneous gravels.	W	MW25_0.25-0.35	0.9	No odour, staining or asbestos.				
					VOID				Strong hydrocarbon odour and staining. No asbestos.				
					Fill - Gravelly, silty CLAY, dark grey, heterogeneous, saturated, non-plastic, soft, with inclusions of trace road base gravels.	S	MW25_1.10-1.20	1.3					
					DR	Fill - Silty CLAY, grey, heterogeneous, dry, low plasticity, very firm, with inclusions of trace rootlets and red iron oxide gravels.	MW25_1.50-1.60	0.4	Material contaminated from above lithology when push tube re-entered the borehole.				
						MW25_3.00-3.10	0.2						
SFA													
							4.5		Termination Depth at: 4.50 m bgl				
			5										
			5.5										
			6										
			6.5										
			7										
			7.5										
			8										
			8.5										

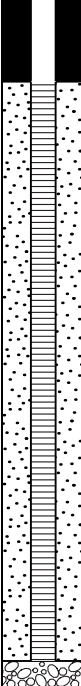
PROJECT NUMBER - ; 70509				DRILLING COMPANY Terratest				EASTING			
PROJECT NAME - ; 191 Miller Road, Chester Hil				DRILL RIG Geoprobe				NORTHING			
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56			
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 4.00 m bgl				ELEVATION m AHD			
DRILLING DATE 15 Oct 2025				DIAMETER 100 mm				LOGGED BY LC			
PERMIT NO.				CHECKED BY							
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl			
COMMENTS											
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations		
PT			0.5		Fill - Silty, sandy GRAVEL, brown, heterogeneous, dry, well graded, coarse gravels dense, with inclusions of crushed sandstone, brick gravels and igneous gravels.	DR	MW26_0.00-0.10		No odour, staining or asbestos.		
							MW26_0.50-0.60	10			
			1		Natural - Silty CLAY, beige brown, heterogeneous, dry, high plasticity, stiff, with inclusions of rootlets.	DR	MW26_1.00-1.10	3	No odour, staining or asbestos.		
			1.5				MW26_1.50-1.60	2			
			2		Natural - Silty CLAY, grey, heterogeneous, damp, high plasticity, soft	DP	MW26_2.00-2.10	1.5	No odour, staining or asbestos.		
			2.5								
			3		Natural - Silty CLAY as above, very dry, non-plastic and firm.	DR	MW26_3.00-3.10	3	No odour, staining or asbestos.		
			3.5		Natural - Silty CLAY as above, grey/ beige mottling and very stiff.	DR			No odour, staining or asbestos.		
4		Natural - SANDSTONE, grey	DR	MW26_3.90-4.00		No odour, staining or asbestos.					
			4		Termination Depth at: 4.00 m bgl						
			4.5								
			5								
			5.5								
			6								
			6.5								
			7								
			7.5								
			8								
			8.5								

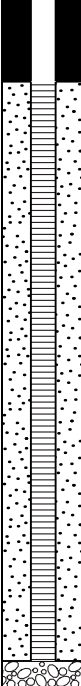
PROJECT NUMBER - ; 70509				DRILLING COMPANY Terratest				EASTING			
PROJECT NAME - ; 191 Miller Road, Chester Hill				DRILL RIG Geoprobe				NORTHING			
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56			
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 5.00 m bgl				ELEVATION m AHD			
DRILLING DATE 16 Oct 2025				DIAMETER 100 mm				LOGGED BY LC			
PERMIT NO				CHECKED BY							
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl			
COMMENTS											
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations		
CC					Concrete						
PT			0.5		Fill - Silty, gravelly CLAY, grey/ red, heterogeneous, dry, low plasticity, firm, with inclusions of brick fragments and igneous gravels.	DR	MW27_0.20-0.30	1.4	No odour, staining or asbestos.		
						DR	MW27_0.50-0.60	2.1	No odour, staining or asbestos.		
			1		Fill - Silty, gravelly CLAY, grey/ red, heterogeneous, dry-damp, high plasticity, soft, with inclusions of brick fragments and igneous gravels.		MW27_1.00-1.10	2.3	No odour, staining or asbestos.		
			1.5			DR	MW27_1.50-1.60	2.3	No odour, staining or asbestos.		
			2		Fill - Silty, gravelly CLAY, beige/ grey, heterogeneous, dry-damp, high plasticity, soft, with inclusions of brick fragments and igneous gravels.	DR	MW27_2.00-2.10	3.2	No odour, staining or asbestos.		
			2.5		Natural - Silty CLAY, grey/ beige, heterogeneous, dry-damp, high plasticity, soft						
			3		Natural - Silty CLAY, grey/ beige with inclusions of coarse red iron oxide gravels.	DR	MW27_3.00-3.10	1	No odour, staining or asbestos.		
			3.5		Natural - SILT, brown very dry.	DR			No odour, staining or asbestos.		
SFA			4				MW27_4.00-4.10	1.1			
	4.5		Natural - SILT, beige brown with black colour observed at 4.2 mbgs.	DR			No odour, staining or asbestos.				
			5				MW27_4.90-5.00	1.3			
			5.5		Termination Depth at: 5.00 m bgl						
			6								
			6.5								
			7								
			7.5								
			8								
			8.5								

PROJECT NUMBER - ; 70509				DRILLING COMPANY Terratest				EASTING			
PROJECT NAME - ; 191 Miller Road, Chester Hil				DRILL RIG Geoprobe				NORTHING			
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56			
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 5.00 m bgl				ELEVATION m AHD			
DRILLING DATE 16 Oct 2025				DIAMETER 100 mm				LOGGED BY LC			
PERMIT NO.				CHECKED BY							
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl			
COMMENTS											
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations		
PT			0.5		Fill - Silty, gravelly SAND, grey/ brown, heterogeneous, dry, well graded, coarse sand, dense with inclusions of brick and igneous gravels, bark at 0.2 mbgs.	DR	MW28_0.00-0.10	3.1	No odour, staining or asbestos.		
						DR	MW28_0.50-0.60	2.5	No odour, staining or asbestos.		
			1		Fill - Silty CLAY, beige brown, heterogeneous, dry, medium plasticity, soft	DR	MW28_1.00-1.10	4.2	No odour, staining or asbestos.		
			1.5		Fill - Silty CLAY, grey/ beige, heterogeneous, dry, medium plasticity, soft, with inclusions of red iron oxide gravels at 1.7 mbgs.		MW28_1.50-1.60	4.2			
			2		Fill - Silty CLAY, grey/ beige, heterogeneous, dry, high plasticity, firm	DR	MW28_2.00-2.10	2.1	No odour, staining or asbestos.		
			2.5		Fill - Silty CLAY, grey/ beige as above, very dry.	DR			No odour, staining or asbestos.		
			3				MW28_3.00-3.10	1.4			
			3.5								
			4				MW28_4.00-4.10	0.6			
			SFA				4.5				
			5		Termination Depth at: 5.00 m bgl						
			5.5								
			6								
			6.5								
			7								
			7.5								
			8								
			8.5								

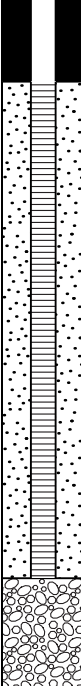
PROJECT NUMBER -; 70509		DRILLING COMPANY Terratest		EASTING	
PROJECT NAME -; 191 Miller Road, Chester Hil		DRILL RIG Geoprobe		NORTHING	
CLIENT ; Logispace		DRILLING METHOD Solid Flight Auger		COORD SYS GDA2020_MGA_zone_56	
ADDRESS 191 Miller Road, Chester Hill		TOTAL DEPTH 3.50 m bgl		ELEVATION m AHD	
DRILLING DATE 16 Oct 2025		DIAMETER 100 mm		LOGGED BY LC	
PERMIT NO.		CHECKED BY			
COMPLETION Stickup		CASING		SCREEN INTERVAL - m bgl	
COMMENTS					

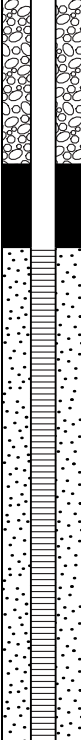
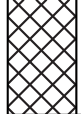
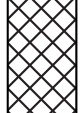
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations
PT			0.5		Fill - Silty, gravelly, clayey SAND, grey/ brown/ red, heterogeneous, dry, well graded, coarse sand to medium gravels, dense with inclusions of asphalt, brick and igneous gravels.	DR	MW29_0.00-0.10	2.5	No odour, staining or asbestos.
							MW29_0.50-0.60	1.9	
							MW29_1.00-1.10	1.3	
			1.5		Natural - Silty CLAY, beige/ grey/ red mottling, heterogeneous, dry-damp, high plasticity, firm	DR	MW29_1.50-1.60	2.5	No odour, staining or asbestos.
							MW29_2.00-2.10	2.7	
			2.5						
			3						
					Natural - Silty CLAY as above, very dry and brittle.	DR	MW29_3.00-3.10	2.6	No odour, staining or asbestos.
							MW29_3.40-3.50	3	
						3.5		Termination Depth at: 3.50 m bgl	
			4						
			4.5						
			5						
			5.5						
			6						
			6.5						
			7						
			7.5						
			8						
			8.5						

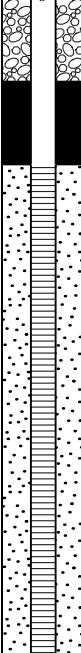
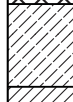
PROJECT NUMBER - ; 70509				DRILLING COMPANY Terratest				EASTING			
PROJECT NAME - ; 191 Miller Road, Chester Hill				DRILL RIG Geoprobe				NORTHING			
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56			
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 4.20 m bgl				ELEVATION m AHD			
DRILLING DATE 16 Oct 2025				DIAMETER 100 mm				LOGGED BY LC			
PERMIT NO.				CHECKED BY							
COMPLETION Stickup				CASING				SCREEN INTERVAL - m bgl			
COMMENTS											
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations		
PT			0.5		Fill - Silty, gravelly SAND, brown/ grey mottling, heterogeneous, dry, well graded, coarse sand to coarse gravels, dense with inclusions of brick and igneous gravels, and roots.	DR	MW30_0.00-0.10	2.4	No odour, staining or asbestos.		
							MW30_0.50-0.60	1.4			
			1		Fill - Silty CLAY, black, heterogeneous, damp, low plasticity, soft, with inclusions of brick fragments, sandstone and igneous gravels.	DP	MW30_1.00-1.10	7	Organic/ solvent odour. No staining or asbestos.		
			1.5		Fill - Silty CLAY, beige/ red/ brown mottling, heterogeneous, dry, medium plasticity, stiff, with inclusions of trace igneous gravels.	DR	MW30_1.50-1.60	2.1	No odour, staining or asbestos.		
			2				MW30_2.00-2.10	1.8			
			2.5		Natural - Silty CLAY, red/ grey mottling, heterogeneous, dry, high plasticity, soft to firm, with inclusions of trace iron oxide gravels.	DR			No odour, staining or asbestos.		
			3		Natural - Silty CLAY as above, very dry and brittle.	DR	MW30_3.00-3.10	1.3	No odour, staining or asbestos.		
3.5											
4			MW30_4.00-4.10		2.1						
			4.5		Termination Depth at: 4.20 m bgl						
			5								
			5.5								
			6								
			6.5								
			7								
			7.5								
			8								
			8.5								

PROJECT NUMBER -; 70509				DRILLING COMPANY Terratest				EASTING					
PROJECT NAME -; 191 Miller Road, Chester Hill				DRILL RIG Geoprobe				NORTHING					
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56					
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 4.20 m bgl				ELEVATION m AHD					
DRILLING DATE 16 Oct 2025				DIAMETER 100 mm				LOGGED BY LC					
PERMIT NO.				CHECKED BY									
COMPLETION Stickup				CASING				SCREEN INTERVAL - m bgl					
COMMENTS													
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations				
PT			0.5		Fill - Silty, gravelly, clayey SAND, brown/ black/ grey, heterogeneous, dry, well graded, coarse sand, dense with inclusions of ceramic fragment and igneous gravels.	DR	MW31_0.00-0.10	5.3	No odour, staining or asbestos.				
			1		Fill - Silty, gravelly, sandy CLAY, black, heterogeneous, dry, low plasticity, soft, with inclusions of ceramic, brick and igneous gravels.	DR	MW31_0.50-0.60	10.9	Organic/ solvent odour. No staining or asbestos.				
			1.5		Fill - Gravelly, silty SAND, white with streaks of copper green, heterogeneous, dry, poorly graded, fine to medium sand, loose with inclusions of decaying organic matter, cardboard and plastic tape.	DR	MW31_1.00-1.10	8.3					
			2		Fill - Gravelly, silty SAND, white with streaks of copper green, heterogeneous, dry, poorly graded, fine to medium sand, loose with inclusions of decaying organic matter, cardboard and plastic tape.	DR	MW31_1.50-1.60	4.4	No odour or asbestos. Copper green staining.				
			2.5		Fill - Silty CLAY, grey/ beige, heterogeneous, damp, high plasticity, firm, with inclusions of rootlets.	DP	MW31_2.00-2.10	5.7					
			3		Fill - Silty, gravelly, sandy CLAY, dark grey/ brown, heterogeneous, saturated, medium plasticity, soft, with inclusions of fine to coarse igneous gravels.	S	MW31_3.00-3.10		No odour, staining or asbestos.				
			3.5		Natural - Silty CLAY, beige/ orange/ grey mottling, heterogeneous, damp, high plasticity, stiff	DP							
			4		Natural - Silty CLAY, beige/ orange/ grey mottling, heterogeneous, damp, high plasticity, stiff	DP	MW31_4.00-4.10	3.4	No odour, staining or asbestos.				
			4.5										

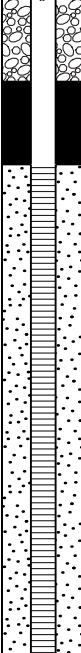
PROJECT NUMBER - ; 70509	DRILLING COMPANY Terratest	EASTING
PROJECT NAME - ; 191 Miller Road, Chester Hil	DRILL RIG Geoprobe	NORTHING
CLIENT ; Logispace	DRILLING METHOD Solid Flight Auger	COORD SYS GDA2020_MGA_zone_56
ADDRESS 191 Miller Road, Chester Hill	TOTAL DEPTH 4.20 m bgl	ELEVATION m AHD
DRILLING DATE 16 Oct 2025	DIAMETER 100 mm	LOGGED BY LC
PERMIT NO.		CHECKED BY
COMPLETION Stickup	CASING	SCREEN INTERVAL - m bgl

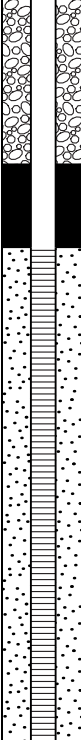
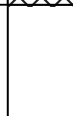
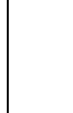
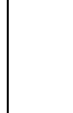
COMMENTS									
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations
PT			0.5		Fill - Silty, gravelly SAND, grey, heterogeneous, dry, well graded, coarse sand to medium gravels, dense with inclusions of igneous and sandstone gravels, brick, ceramic tiles/ pottery fragments.	DR	MW32_0.00-0.10	5.7	No odour, staining or asbestos.
							MW32_0.50-0.60	9.4	
			1				MW32_1.00-1.10	10.9	
			1.5		Natural - Silty CLAY, beige/ red brown mottling, heterogeneous, dry, medium plasticity, firm.	DR	MW32_1.50-1.60	11.5	No odour, staining or asbestos.
			2				MW32_2.00-2.10	11	
			2.5		Natural - Silty CLAY, beige/ red brown mottling, heterogeneous as above, with red iron oxide gravels.	DR			No odour, staining or asbestos.
			3						
			3.5		Natural - Silty CLAY as above, grey/ orange red mottling and becoming more dry.	DR	MW32_3.00-3.10	9.8	No odour, staining or asbestos.
			4						
			4.5		Termination Depth at: 4.20 m bgl				
			5						
			5.5						
			6						
			6.5						
			7						
			7.5						
			8						
			8.5						

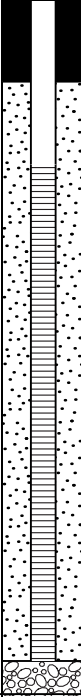
PROJECT NUMBER - ; 70509				DRILLING COMPANY Terratest				EASTING			
PROJECT NAME - ; 191 Miller Road, Chester Hill				DRILL RIG Geoprobe				NORTHING			
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56			
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 4.50 m bgl				ELEVATION m AHD			
DRILLING DATE 16 Oct 2025				DIAMETER 100 mm				LOGGED BY LC			
PERMIT NO.				CHECKED BY							
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl			
COMMENTS											
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations		
PT			0.5		Fill - Silty, gravelly SAND, grey, heterogeneous, dry, well graded, coarse sand to coarse gravels, dense with inclusions of igneous and sandstone gravels.	DR	MW33_0.00-0.10	2.7	No odour, staining or asbestos.		
						MW33_0.50-0.60	5.2				
			1			Fill - Silty CLAY, beige/ grey, heterogeneous, dry, medium plasticity, soft to firm	DR	MW33_0.90-1.00	7.4	No odour, staining or asbestos.	
					DP				No odour, staining or asbestos.		
			1.5		Asphalt		MW33_1.50-1.60	6.8	No odour, staining or asbestos.		
			2		Fill - Gravelly, sandy CLAY, black, heterogeneous, damp, low plasticity, soft, with inclusions of organic matter. Wet at 2.2 mbgs.		MW33_2.00-2.10	7.2	No odour, staining or asbestos.		
			2.5			DP			No odour, staining or asbestos.		
			3			DP	MW33_3.00-3.10	8.7	No odour, staining or asbestos.		
			3.5		Natural - Silty CLAY, beige/ grey/ red, heterogeneous, damp, high plasticity, firm Natural - Silty CLAY as above, very dry, brittle and compacted.	DP			No odour, staining or asbestos.		
			4				MW33_4.00-4.10	5.8			
4.5											
					Termination Depth at: 4.50 m bgl						
			5								
			5.5								
			6								
			6.5								
			7								
			7.5								
			8								
			8.5								

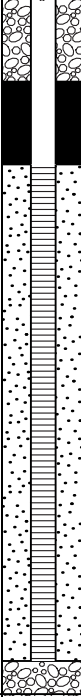
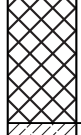
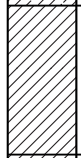
PROJECT NUMBER -; 70509				DRILLING COMPANY Terratest				EASTING			
PROJECT NAME -; 191 Miller Road, Chester Hill				DRILL RIG Geoprobe				NORTHING			
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56			
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 4.00 m bgl				ELEVATION m AHD			
DRILLING DATE 16 Oct 2025				DIAMETER 100 mm				LOGGED BY LC			
PERMIT NO.				CHECKED BY							
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl			
COMMENTS											
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations		
PT			0.5		Fill - Silty, gravelly SAND, brown/ grey, heterogeneous, dry, well graded, coarse sand to coarse gravels, dense with inclusions of igneous, sandstone and shale gravels, and roots.	DR	MW34_0.00-0.10	3.5	No odour, staining or asbestos.		
							MW34_0.50-0.60	6			
			1		Fill - Silty, gravelly CLAY, beige/ brown/ grey, heterogeneous, damp, low plasticity, soft, with inclusions of trace gravels.	DP	MW34_1.00-1.10	7.1	No odour, staining or asbestos.		
			1.5		Fill - Gravelly, sandy CLAY, black, heterogeneous, damp, low plasticity, soft, with inclusions of crushed sandstone, igneous gravels, red iron oxide gravels. Wet at 2.1 mbgs.	DP	MW34_1.50-1.60	7.7			
			2				MW34_2.00-2.10	7.8	No odour, staining or asbestos.		
			2.5		Fill - Silty CLAY, beige/ grey, heterogeneous, damp, high plasticity, soft, with inclusions of trace gravels and rootlets.	DP					
			3		Natural - Silty CLAY, beige grey mottling, heterogeneous, damp, high plasticity, firm	DP	MW34_3.00-3.10	8.8	No odour, staining or asbestos.		
			3.5		Natural - Silty CLAY as above, very dry and brittle.	DP					
			4		Termination Depth at: 4.00 m bgl						
			4.5								
			5								
			5.5								
			6								
			6.5								
			7								
			7.5								
			8								
			8.5								

PROJECT NUMBER - ; 70509				DRILLING COMPANY Terratest				EASTING			
PROJECT NAME - ; 191 Miller Road, Chester Hill				DRILL RIG Geoprobe				NORTHING			
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56			
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 7.00 m bgl				ELEVATION m AHD			
DRILLING DATE 17 Oct 2025				DIAMETER 100 mm				LOGGED BY LC			
PERMIT NO.								CHECKED BY			
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl			
COMMENTS											
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations		
PT			0.5		Fill - Silty, gravelly CLAY, brown, heterogeneous, dry, well graded, coarse sand to medium gravels, dense with inclusions of igneous and sandstone gravels.	DR	MW35D_0.00-0.10		No odour, staining or asbestos.		
							MW35D_0.50-0.60	2.7			
			1		Fill - Silty CLAY, beige/ red/ brown, heterogeneous, damp, high plasticity, soft to firm, with inclusions of trace gravels.	DP	MW35D_1.00-1.10	4.2	No odour, staining or asbestos.		
			1.5		Fill - Silty CLAY as above, grey, soft.	DP	MW35D_1.50-1.60	5.1			
			2				MW35D_2.00-2.10	2.7			
			2.5								
			3		Natural - Silty CLAY, grey/ beige brown mottling, heterogeneous, damp, high plasticity, stiff	DP	MW35D_3.00-3.10				
			3.5		Natural - Silty CLAY as above, saturated	S					
			4		Natural - Silty CLAY as above, with inclusions of red iron oxide gravels.	S	MW35D_4.00-4.10		No odour, staining or asbestos.		
			4.5								
SFA			5		Natural - SILTSTONE	DR	MW35D_5.00-5.10	7.7	No odour, staining or asbestos.		
			5.5								
			6		Natural - SHALE	DR			No odour, staining or asbestos.		
			6.5								
			7		Termination Depth at: 7.00 m bgl						
			7.5								
			8								
			8.5								

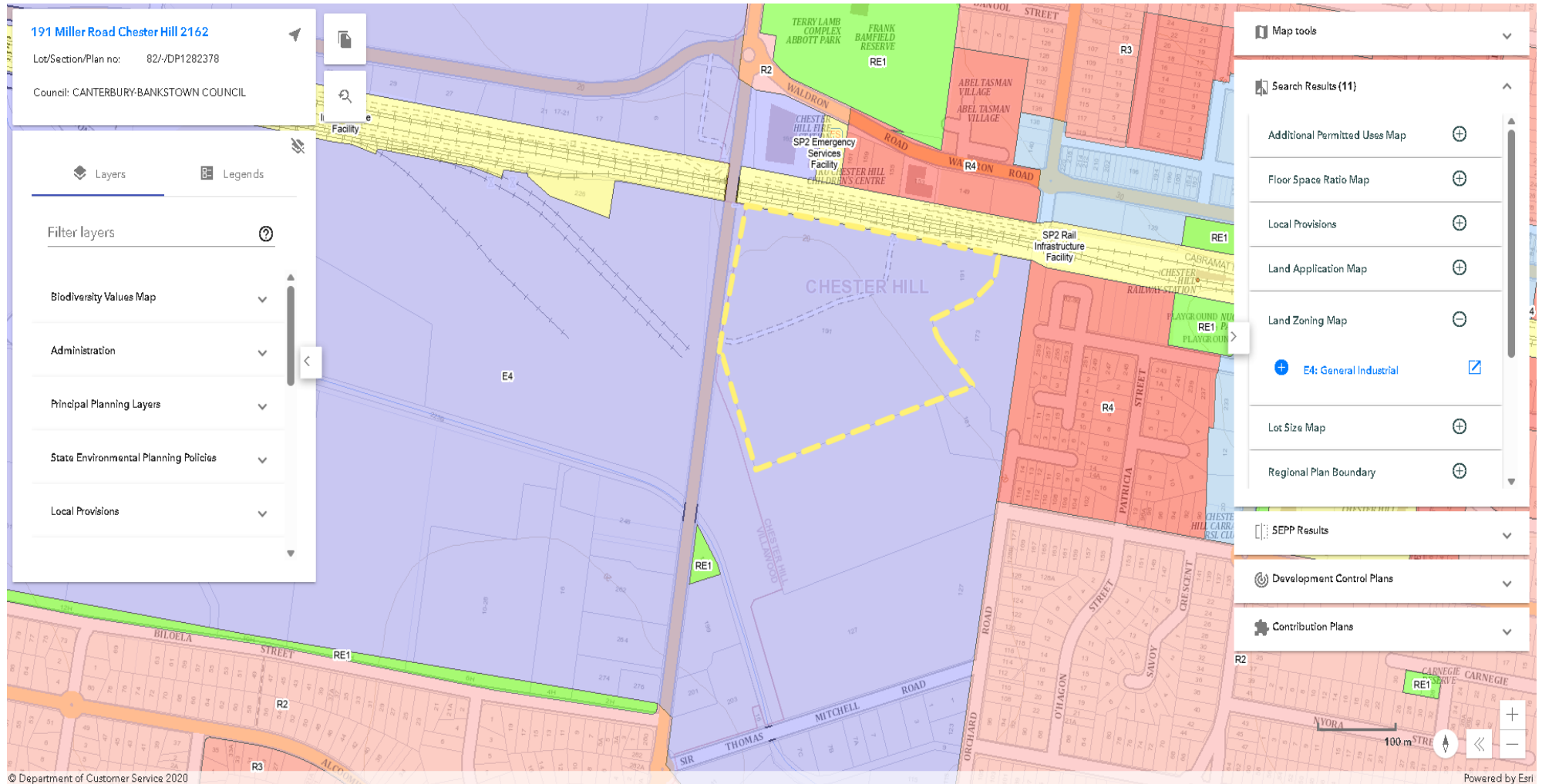
PROJECT NUMBER - ; 70509				DRILLING COMPANY Terratest				EASTING			
PROJECT NAME - ; 191 Miller Road, Chester Hil				DRILL RIG Geoprobe				NORTHING			
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56			
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 4.00 m bgl				ELEVATION m AHD			
DRILLING DATE 17 Oct 2025				DIAMETER 100 mm				LOGGED BY LC			
PERMIT NO.				CHECKED BY							
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl			
COMMENTS											
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations		
SFA	▽		0.5		Fill - Silty, gravelly CLAY, brown, heterogeneous, dry, well graded, coarse sand to medium gravels, dense with inclusions of igneous and sandstone gravels.	DR			No odour, staining or asbestos.		
			1		Fill - Silty CLAY, beige/ red/ brown, heterogeneous, damp, high plasticity, soft to firm, with inclusions of trace gravels.	DP			No odour, staining or asbestos.		
			1.5		Fill - Silty CLAY as above, grey, soft.	DP			No odour, staining or asbestos.		
			2								
			2.5								
			3		Natural - Silty CLAY, grey/ beige brown mottling, heterogeneous, damp, high plasticity, stiff	DP			No odour, staining or asbestos.		
			3.5		Natural - Silty CLAY as above, saturated	S			No odour, staining or asbestos.		
			4		Termination Depth at: 4.00 m bgl						
			4.5								
			5								
			5.5								
			6								
			6.5								
			7								
			7.5								
			8								
			8.5								

PROJECT NUMBER - ; 70509				DRILLING COMPANY Terratest				EASTING			
PROJECT NAME - ; 191 Miller Road, Chester Hill				DRILL RIG Geoprobe				NORTHING			
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56			
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 4.50 m bgl				ELEVATION m AHD			
DRILLING DATE 17 Oct 2025				DIAMETER 100 mm				LOGGED BY LC			
PERMIT NO.				CHECKED BY							
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl			
COMMENTS											
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations		
PT			0.5		Fill - Silty, gravelly SAND, grey/ brown, heterogeneous, dry, well graded, coarse sands to coarse gravels, medium dense with inclusions of igneous gravels.	DR	MW36_0.00-0.10		No odour, staining or asbestos.		
			1		Crushed concrete	DP	MW36_1.00-1.10	3.5	No odour, staining or asbestos.		
			1.5		Fill - Silty CLAY, beige/ red brown, heterogeneous, damp, high plasticity, soft	DP	MW36_1.50-1.60	2.6	No odour, staining or asbestos.		
			2		Fill - Sandy CLAY, dark brown, heterogeneous, damp, low plasticity, soft	DP	MW36_2.00-2.10	5.4	No odour, staining or asbestos.		
			2.5		Fill - Sandy CLAY as above, grey/ beige brown, high plasticity and stiff.	DP			No odour, staining or asbestos.		
			3		Fill - Sandy CLAY as above, grey, medium plasticity and soft.	DP	MW36_3.00-3.10	5.1	No odour, staining or asbestos.		
			3.5		Fill - Sandy CLAY as above, grey/ beige brown	DP			No odour, staining or asbestos.		
			4		Fill - Sandy CLAY as above, wet.	W	MW36_4.00-4.10	6.3	No odour, staining or asbestos.		
			4.5		Fill - Sandy CLAY as above, with inclusions of red iron oxide gravels.	W			No odour, staining or asbestos.		
			SFA			4.5					
			5		Termination Depth at: 4.50 m bgl						
			5.5								
			6								
			6.5								
			7								
			7.5								
			8								
			8.5								

PROJECT NUMBER - ; 70509				DRILLING COMPANY Terratest				EASTING				
PROJECT NAME - ; 191 Miller Road, Chester Hill				DRILL RIG Geoprobe				NORTHING				
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56				
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 4.20 m bgl				ELEVATION m AHD				
DRILLING DATE 17 Oct 2025				DIAMETER 100 mm				LOGGED BY LC				
PERMIT NO.				CHECKED BY								
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl				
COMMENTS												
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations			
PT			0.5		Fill - Silty, gravelly SAND, grey, heterogeneous, dry, well graded, coarse sand to coarse gravels, dense with inclusions of igneous gravels.	DR	MW37_0.00-0.10	5.2	No odour, staining or asbestos.			
					Fill - Silty, gravelly CLAY, brown, heterogeneous, dry, low plasticity, firm, with inclusions of trace gravels.	DR	MW37_0.50-0.60	6.1	No odour, staining or asbestos.			
			1		Fill - Silty CLAY, dark grey, heterogeneous, moist, high plasticity, soft	M	MW37_1.00-1.10	6.5	Slight organic odour. No staining or asbestos.			
			1.5		Fill - Silty CLAY, beige brown/ grey, heterogeneous, damp, high plasticity, stiff, with inclusions of rootlets.	DP	MW37_1.50-1.60	11	No odour, staining or asbestos.			
			2		Fill - Silty CLAY as above, medium plasticity, soft with inclusions of trace gravels.	DP	MW37_2.00-2.10	9.7	No odour, staining or asbestos.			
			2.5									
			3				MW37_3.00-3.10	10.4				
			3.5									
			4		Fill - Silty CLAY as above, grey/ brown.	DP	MW37_4.00-4.10	12.2	No odour, staining or asbestos.			
			4.5		Termination Depth at: 4.20 m bgl							
			5									
			5.5									
			6									
			6.5									
			7									
			7.5									
			8									
			8.5									

PROJECT NUMBER - ; 70509				DRILLING COMPANY Terratest				EASTING			
PROJECT NAME - ; 191 Miller Road, Chester Hill				DRILL RIG Geoprobe				NORTHING			
CLIENT ; Logispace				DRILLING METHOD Solid Flight Auger				COORD SYS GDA2020_MGA_zone_56			
ADDRESS 191 Miller Road, Chester Hill				TOTAL DEPTH 4.20 m bgl				ELEVATION m AHD			
DRILLING DATE 17 Oct 2025				DIAMETER 100 mm				LOGGED BY LC			
PERMIT NO.				CHECKED BY							
COMPLETION Gatic				CASING				SCREEN INTERVAL - m bgl			
COMMENTS											
Drilling Method	Water (m bgl)	Well Details	Depth (m bgl)	Graphic Log	Lithological Description	Moisture	Samples	PID	Additional Observations		
PT			0.5		Fill - Silty, gravelly CLAY, brown, heterogeneous, damp, non-plastic, soft, with inclusions of roots, igneous gravels and leaves.	DP	MW38_0.00-0.10	3.9	No odour, staining or asbestos.		
						DR	MW38_0.50-0.60	3.7	No odour, staining or asbestos.		
			1		Fill - Silty CLAY, grey/ dark brown/ beige brown, heterogeneous, dry, high plasticity, soft, with inclusions of trace organics and gravels. Moist at 1.0 mbgs.		MW38_1.00-1.10	5.9	No odour, staining or asbestos.		
									No odour, staining or asbestos.		
			1.5		RE-WORKED NATURAL bark/ wood	M	MW38_1.50-1.60	6.1	No odour, staining or asbestos.		
					Natural - Silty CLAY, grey/ beige brown, heterogeneous, moist, medium plasticity, soft		MW38_2.00-2.10	6.2	No odour, staining or asbestos.		
			2								
			2.5		Natural - Silty CLAY as above, saturated with inclusions of red iron oxide gravels at 3.0 and 3.6 mbgs.	S			No odour, staining or asbestos.		
			3				MW38_3.00-3.10	6.5			
			3.5								
			4				MW38_4.00-4.10	6.1			
			4.5		Termination Depth at: 4.20 m bgl						
			5								
			5.5								
			6								
			6.5								
			7								
			7.5								
			8								
			8.5								

Appendix C ePlanning Spatial Viewer



Appendix D Survey Information



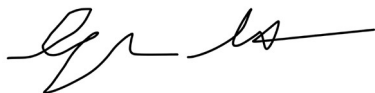
27/10/25

RE: Monitoring Well Locations Chester Hill

Hi Laymond, please find below the table of values for the monitoring wells at 191 Miller Rd Chester Hill, measurements are in AHD and MGA20,

Name	Easting	Northing	RL	Desc
MW18	314389.058	6248708.864	20.622	MW LID
MW18	314389.058	6248708.864	20.492	MW CONDUIT
MW19	314390.371	6248719.611	20.593	MW LID
MW19	314390.371	6248719.611	20.473	MW CONDUIT
MW20	314392.545	6248737.427	20.505	MW LID
MW20	314392.545	6248737.427	20.41	MW CONDUIT
MW21	314394.627	6248751.477	20.459	MW LID
MW21	314394.627	6248751.477	20.359	MW CONDUIT
MW22	314396.368	6248767.097	20.419	MW LID
MW22	314396.368	6248767.097	20.299	MW CONDUIT
MW23	314399.732	6248796.283	20.383	MW LID
MW23	314399.732	6248796.283	20.263	MW CONDUIT
MW24	314414.554	6248903.079	22.537	MW LID
MW24	314414.554	6248903.079	22.397	MW CONDUIT
MW25	314460.182	6248770.321	20.648	MW LID
MW25	314460.182	6248770.321	20.528	MW CONDUIT
MW26	314539.719	6248800.262	21.598	MW LID
MW26	314539.719	6248800.262	21.498	MW CONDUIT
MW27	314507.247	6248815.692	20.991	MW LID
MW27	314507.247	6248815.692	20.861	MW CONDUIT
MW28	314524.266	6248856.009	21.423	MW LID
MW28	314524.266	6248856.009	21.263	MW CONDUIT
MW29	314570.052	6248894.598	23.515	GROUND LEVEL
MW29	314570.079	6248894.653	24.395	TOP OF EXPOSED CONDUIT
MW30	314568.486	6248865.352	23.611	GROUND LEVEL
MW30	314568.507	6248865.344	24.531	TOP OF EXPOSED CONDUIT
MW31	314565.422	6248836.771	23.451	GROUND LEVEL
MW31	314565.433	6248836.703	24.261	TOP OF EXPOSED CONDUIT
MW32	314638.218	6248805.172	24.104	GROUND LEVEL
MW32	314638.217	6248805.179	24.934	TOP OF EXPOSED CONDUIT

MW33	314486.3	6248938.414	24.053	MW LID
MW33	314486.3	6248938.414	23.923	MW CONDUIT
MW34	314513.413	6248932.241	24.329	MW LID
MW34	314513.413	6248932.241	24.209	MW CONDUIT
MW35D	314477.921	6248793.003	20.919	MW LID
MW35D	314477.921	6248793.003	20.804	MW CONDUIT
MW35S	314477.279	6248793.63	20.895	MW LID
MW35S	314477.279	6248793.63	20.775	MW CONDUIT
MW36	314502.679	6248755.935	21.229	MW LID
MW36	314502.679	6248755.935	21.099	MW CONDUIT
MW37	314456.723	6248743.812	20.757	MW LID
MW37	314456.723	6248743.812	20.602	MW CONDUIT
MW38	314434.898	6248821.922	20.829	MW LID
MW38	314434.898	6248821.922	20.619	MW CONDUIT
WR01 BASE DRAINAGE CANAL	314412.222	6248641.649	18.266	DRAINAGE CANAL
WR01 PIPE INVERT	314412.305	6248641.635	18.729	PIPE INVERT
WR02 BASE DRAINAGE CANAL	314435.903	6248578.93	18.46	DRAINAGE CANAL
WR02 PIPE INVERT	314436	6248578.946	19.061	PIPE INVERT
WR03 DRAINAGE CANAL	314364.164	6248694.895	17.926	DRAINAGE CANAL



Best regards
Glen Watson
Director
Onsite Surveying Pty Ltd

Appendix E QAQC Assessment

*RPDs have only been considered where a concentration is greater than 1 times the EQL.



Lab Report Number Field ID Matrix Type Date			1279520		RPD	1279520		RPD	1279520		RPD	1279520		RPD	
			SV207-Back			QA20251013-1-Back			SV231-Back			QA20251013-2-Back			
			Gas			Gas			Gas			Gas			
			13 Oct 2025			13 Oct 2025			13 Oct 2025			13 Oct 2025			
	Unit	EQL													
BTEXN															
Benzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Toluene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Ethylbenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Xylene Total	mg/m3	0.2500005	<0.25	<0.25	0	<0.25	<0.25	0	<0.25	<0.25	0	<0.25	<0.25	0	
PAH															
Naphthalene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Chlorinated Alkanes															
1,1,1,2-tetrachloroethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,1,1-trichloroethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,1,2,2-tetrachloroethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,1,2-trichloroethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,1-dichloroethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,2,3-trichloropropane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,2-dibromo-3-chloropropane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,2-dichloroethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,2-dichloropropane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,3-dichloropropane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
2,2-dichloropropane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Bromochloromethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Carbon tetrachloride	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Trichlorofluoromethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Chlorinated Alkenes															
1,1-dichloroethene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,1-dichloropropene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
2-chlorotoluene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
4-chlorotoluene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
cis-1,2-dichloroethene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
cis-1,3-dichloropropene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Tetrachloroethene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
trans-1,3-dichloropropene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Trichloroethene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Vinyl Chloride	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
MAH															
1,2,4-trimethylbenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,3,5-trimethylbenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
n-butylbenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
n-propylbenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
p-isopropyltoluene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
sec-butylbenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Styrene	mg/m3	0.833335	<0.8	<0.8	0	<0.8	<0.8	0	<0.8	<0.8	0	<0.8	<0.8	0	
tert-butylbenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Isopropylbenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Miscellaneous Hydrocarbons															
1,2-dibromoethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Dibromomethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Chlorinated Benzenes															
1,2,3-trichlorobenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,2,4-trichlorobenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,2-Dichlorobenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,3-dichlorobenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
1,4-dichlorobenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Chlorobenzene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Trihalomethanes															
Dibromochloromethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Chloroform	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Tribromomethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Bromodichloromethane	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	
Organic Alcohols															
2-Propanol	mg/m3	1.66667	<2	<2	0	<2	<2	0	<2	<2	0	<2	<2	0	
Chlorinated Hydrocarbons															
Hexachlorobutadiene	mg/m3	0.0833335	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	<0.08	<0.08	0	

*RPDs have only been considered where a concentration is greater than 1 times the EQL.
**Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x EQL); 30 (10 - 30 x EQL); 30 (> 30 x EQL))
***Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory

Appendix F Laboratory Reports and Chain of Custody Documentation

CHAIN OF CUSTODY

EUROFINS

1 OF 1

CHAIN OF CUSTODY

PROJECT NO.: 70509

PROJECT NAME: MR CHESTER

DATE NEEDED BY: 3 DAYS TAT

PHONE: Sydney: 02 8245 0300 | Perth: 08 9488 0100 | Brisbane: 07 3112 2688

SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) CB.ELBY

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

LABORATORY BATCH NO.:

SAMPLERS: LAYMOND CHU ; HEATHER MADDOCK

QC LEVEL: NEPM (2013)

.....@jbsg.com.au; (3) LCHU.....@jbsg.com.au jbsg@labresw@jbsg.com.au

SAMPLE ID	MATRIX	DATE	TIME	TYPE & PRESERVATIVE	pH	TYPE OF ASBESTOS ANALYSIS			NOTES:
						IDENTIFICATION	NEPM/WA		
TSTB	WATER 20/10/25	20/10/25		2 X VIALS + ICE 4 X VIALS + AMBER + ICE		VOC	TRH	BTEX	
RINATE									
MW18									
19									
20									
21									
22									
23									
29									
30									
32									
33									
34									
35D									
38									
QA20251020-1						X	X	X	
QA20251020-2						X	X	X	
MW 35									

RELINQUISHED BY: LAYMOND CHU

DATE: 20/10/25

METHOD OF SHIPMENT:

CONSIGNMENT NOTE NO.

TRANSPORT CO.

CONSIGNMENT NOTE NO.

TRANSPORT CO.

RECEIVED BY: MAY ANN

DATE: 20/10 2:45 PM

NAME: MAY ANN

DATE: 20/10 2:45 PM

NAME: MAY ANN

DATE: 20/10 2:45 PM

FOR RECEIVING LAB USE ONLY:

COOLER SEAL - Yes..... No Intact Broken

COOLER TEMP deg C 0.0 °C

COOLER SEAL - Yes..... No Intact Broken

COOLER TEMP deg C

Container & Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

IMS0 Forms013 - Chain of Custody - Generic

1281872

Re: Eurofins Sample Receipt Advice - Report 1281872 : Site MR CHESTER (70509)

From Laymond Chu <lchu@jbsg.com.au>

Date Mon 20/10/2025 5:19 PM

To SH_AU25_Enviro_Sample_NSW <EnviroSampleNSW@eurofinsanz.com>; Chris Bielby <CBielby@jbsg.com.au>

Cc JBSG Labresults <jbsglabresults@jbsg.com.au>; Heather Maddock <hmaddock@jbsg.com.au>

Unverified Sender: The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Nisha,

That extra samples would have been for MW03. Could you please log it in as MW03 and analyse for TRH + VOCs on 3 days TAT thanks!

Kind regards,
Laymond

Kind regards,
Laymond Chu

From: Nisha Darji <EET-ELVIS@eurofinsanz.com>

Sent: Monday, October 20, 2025 4:11:47 PM

To: Chris Bielby <CBielby@jbsg.com.au>

Cc: JBSG Labresults <jbsglabresults@jbsg.com.au>; Heather Maddock <hmaddock@jbsg.com.au>; Laymond Chu <lchu@jbsg.com.au>

Subject: Eurofins Sample Receipt Advice - Report 1281872 : Site MR CHESTER (70509)

*****[EXTERNAL EMAIL] Stop and think before opening attachments, clicking or responding.*****

Dear Valued Client,

Extra sample received logged on hold id: MW 13.

Please find attached a Sample Receipt Advice (SRA), a Summary Sheet and a scanned copy of your Chain-of-Custody (COC). It is important that you check this documentation to ensure that the details are correct such as the Client Job Number, Turn Around Time, any comments in the Notes section and sample numbers as well as the requested analysis. If there are any irregularities then please contact your Eurofins Analytical Services Manager as soon as possible to make certain that they get changed.

Nisha Darji
Sample Receipt

Eurofins | Environmental Testing

179 Magowar Road,
GIRRAWEE, NSW 2145
AUSTRALIA

Phone: +61 02 9900 8421

Email: EnviroSampleNSW@eurofins.com

[View our latest EnviroNotes](#)

 eurofins

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to WIN a \$300 Gift Voucher!

[CLICK HERE!](#)

Eurofins Environment Testing Australia Pty Ltd

ABN: 50 005 085 521

Eurofins ARL Pty Ltd

ABN: 91 05 0159 898

Melbourne 6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254	Geelong 19/8 Lewalan Street Grovedale VIC 3216 +61 3 8564 5000 NATA# 1261 Site# 25403	Sydney 179 Magowar Road Girraween NSW 2145 +61 2 9900 8400 NATA# 1261 Site# 18217	Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466	Brisbane 1/21 Smallwood Place Murarrie QLD 4172 +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780	Newcastle 1/2 Frost Drive Mayfield West NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079	Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554
---	--	--	--	--	--	--

Sample Receipt Advice

Company name: JBS & G Australia (NSW) P/L
Contact name: Chris Bielby
Project name: MR CHESTER
Project ID: 70509
Turnaround time: 3 Day
Date/Time received: Oct 20, 2025 2:45 PM
Eurofins reference: 1281872

Sample Information

- ✓ A detailed list of analytes logged into our LIMS, is included in the attached summary table.
- ✓ Sample Temperature of chilled sample on the batch as recorded by Eurofins Sample Receipt : 0 degrees Celsius.
- ✓ All samples have been received as described on the above COC.
- ✓ COC has been completed correctly.
- ✓ Attempt to chill was evident.
- ✓ Appropriately preserved sample containers have been used.
- ✓ All samples were received in good condition.
- ✓ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
- ✓ Appropriate sample containers have been used.
- ✓ Sample containers for volatile analysis received with zero headspace.
- ✗ Split sample sent to requested external lab.
- ✗ Some samples have been subcontracted.
- N/A Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

Andrew Black on phone : (+61) 2 9900 8490 or by email: Andrew.Black@eurofinsanz.com

Results will be delivered electronically via email to Chris Bielby - cbielby@jbsg.com.au.

Note: A copy of these results will also be delivered to the general JBS & G Australia (NSW) P/L email address.



Eurofins Environment Testing Australia Pty Ltd

ABN: 50 005 085 521

Melbourne
6 Monterey Road
Dandenong South
VIC 3175
+61 3 8564 5000
NATA# 1261
Site# 1254

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NATA# 1261
Site# 25403

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Girraween
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NATA# 1261
Site# 18217

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Mitchell
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Site# 25466

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Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1281872
Phone: 02 8245 0300
Fax:

Received: Oct 20, 2025 2:45 PM
Due: Oct 23, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						Volatile Organics	Total Recoverable Hydrocarbons	BTEXN and Volatile TRH	BTEXN and Volatile TRH
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X
External Laboratory									
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID				
1	TS	Oct 20, 2025		Trip Spike (liquid)	S25-Oc0057008				X
2	TB	Oct 20, 2025		Trip Blank (liquid)	S25-Oc0057009			X	
3	RINSATE	Oct 20, 2025		Water	S25-Oc0057010	X	X		
4	MW18	Oct 20, 2025		Water	S25-Oc0057011	X	X		
5	MW19	Oct 20, 2025		Water	S25-Oc0057012	X	X		
6	MW20	Oct 20, 2025		Water	S25-Oc0057013	X	X		
7	MW21	Oct 20, 2025		Water	S25-Oc0057014	X	X		
8	MW22	Oct 20, 2025		Water	S25-Oc0057015	X	X		
9	MW23	Oct 20, 2025		Water	S25-Oc0057016	X	X		
10	MW29	Oct 20, 2025		Water	S25-Oc0057022	X	X		
11	MW30	Oct 20, 2025		Water	S25-Oc0057023	X	X		
12	MW32	Oct 20, 2025		Water	S25-Oc0057025	X	X		
13	MW33	Oct 20, 2025		Water	S25-Oc0057026	X	X		



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Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1281872
Phone: 02 8245 0300
Fax:

Received: Oct 20, 2025 2:45 PM
Due: Oct 23, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						Volatile Organics	Total Recoverable Hydrocarbons	BTEXN and Volatile TRH	BTEXN and Volatile TRH
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X
14	MW34	Oct 20, 2025		Water	S25-Oc0057027	X	X		
15	MW35D	Oct 20, 2025		Water	S25-Oc0057028	X	X		
16	MW38	Oct 20, 2025		Water	S25-Oc0057029	X	X		
17	QA20251020-1	Oct 20, 2025		Water	S25-Oc0057030	X	X		
18	QA20251020-2	Oct 20, 2025		Water	S25-Oc0057031	X	X		
19	MW35S	Oct 20, 2025		Water	S25-Oc0057032	X	X		
20	MW03	Oct 20, 2025		Water	S25-Oc0057086	X	X		
Test Counts						18	18	1	1

JBS & G Australia (NSW) P/L
Level 8, 179 Elizabeth St
Sydney
NSW 2000



NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
 NATA is a signatory to the ILAC Mutual Recognition
 Arrangement for the mutual recognition of the
 equivalence of testing, medical testing, calibration,
 inspection, proficiency testing scheme providers and
 reference materials producers reports and certificates.

Attention: **Chris Bielby**

Report **1281872-W**
 Project name **MR CHESTER**
 Project ID **70509**
 Received Date **Oct 20, 2025**

Client Sample ID			TS	TB	RINSATE	MW18
Sample Matrix			Trip Spike (liquid)	Trip Blank (liquid)	Water	Water
Eurofins Sample No.			S25- Oc0057008	S25- Oc0057009	S25- Oc0057010	S25- Oc0057011
Date Sampled			Oct 20, 2025	Oct 20, 2025	Oct 20, 2025	Oct 20, 2025
Test/Reference	LOR	Unit				
TRH C6-C10	1	%	71	-	-	-
Total Recoverable Hydrocarbons						
Naphthalene	1	%	110	-	-	-
TRH C6-C9	1	%	73	-	-	-
BTEX						
Benzene	1	%	110	-	-	-
Ethylbenzene	1	%	98	-	-	-
m&p-Xylenes	1	%	100	-	-	-
o-Xylene	1	%	97	-	-	-
Toluene	1	%	100	-	-	-
Xylenes - Total	1	%	99	-	-	-
4-Bromofluorobenzene (surr.)	1	%	111	-	-	-
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	-	< 0.02	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	-	-	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	-	-	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	-	-	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	-	-	< 0.1	< 0.1
TRH C6-C10	0.02	mg/L	-	< 0.02	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1) ^{N04}	0.02	mg/L	-	< 0.02	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	-	-	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2) ^{*N01}	0.05	mg/L	-	-	< 0.05	< 0.05
Naphthalene ^{N02}	0.01	mg/L	-	< 0.01	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	-	-	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	-	-	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	-	-	< 0.1	< 0.1
BTEX						
Benzene	0.001	mg/L	-	< 0.001	-	-
Toluene	0.001	mg/L	-	< 0.001	-	-
Ethylbenzene	0.001	mg/L	-	< 0.001	-	-
m&p-Xylenes	0.002	mg/L	-	< 0.002	-	-
o-Xylene	0.001	mg/L	-	< 0.001	-	-
Xylenes - Total*	0.003	mg/L	-	< 0.003	-	-
4-Bromofluorobenzene (surr.)	1	%	-	125	-	-

Client Sample ID			TS Trip Spike (liquid) S25- Oc0057008 Oct 20, 2025	TB Trip Blank (liquid) S25- Oc0057009 Oct 20, 2025	RINSATE Water S25- Oc0057010 Oct 20, 2025	MW18 Water S25- Oc0057011 Oct 20, 2025
Sample Matrix						
Eurofins Sample No.						
Date Sampled						
Test/Reference	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	-	-	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	-	-	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	-	-	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	-	-	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	-	-	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	-	-	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	-	-	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	-	-	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	-	-	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	-	-	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	-	-	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	-	-	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	-	-	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	-	-	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	-	-	< 0.001	< 0.001
Benzene	0.001	mg/L	-	-	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	-	-	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	-	-	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	-	-	< 0.001	< 0.001
Bromoform	0.001	mg/L	-	-	< 0.001	< 0.001
Bromomethane	0.005	mg/L	-	-	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	-	-	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	-	-	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	-	-	< 0.001	< 0.001
Chloroethane	0.005	mg/L	-	-	< 0.005	< 0.005
Chloroform	0.005	mg/L	-	-	< 0.005	< 0.005
Chloromethane	0.005	mg/L	-	-	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	-	-	< 0.001	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	-	-	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	-	-	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	-	-	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	-	-	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	-	-	< 0.001	< 0.001
Iodomethane	0.001	mg/L	-	-	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	-	-	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	-	-	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	-	-	< 0.005	< 0.005
o-Xylene	0.001	mg/L	-	-	< 0.001	< 0.001
Styrene	0.001	mg/L	-	-	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	-	-	< 0.001	< 0.001
Toluene	0.001	mg/L	-	-	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	-	-	< 0.001	< 0.001

Client Sample ID			TS	TB	RINSATE	MW18
Sample Matrix			Trip Spike (liquid)	Trip Blank (liquid)	Water	Water
Eurofins Sample No.			S25-Oc0057008	S25-Oc0057009	S25-Oc0057010	S25-Oc0057011
Date Sampled			Oct 20, 2025	Oct 20, 2025	Oct 20, 2025	Oct 20, 2025
Test/Reference	LOR	Unit				
Volatile Organics						
trans-1,3-Dichloropropene	0.001	mg/L	-	-	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	-	-	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	-	-	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	-	-	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	-	-	< 0.003	< 0.003
Total MAH*	0.003	mg/L	-	-	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	-	-	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	-	-	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	-	-	136	110
Toluene-d8 (surr.)	1	%	-	-	128	109

Client Sample ID			MW19	MW20	MW21	MW22
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S25-Oc0057012	S25-Oc0057013	S25-Oc0057014	S25-Oc0057015
Date Sampled			Oct 20, 2025	Oct 20, 2025	Oct 20, 2025	Oct 20, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1) ^{N04}	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2) ^{*N01}	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene ^{N02}	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
Volatile Organics						
1,1-Dichloroethane	0.001	mg/L	< 0.001	0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.001	mg/L	< 0.001	0.001	< 0.001	< 0.001
1,1,1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,1,1,2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,1,1,2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2,2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	MW19 Water S25- Oc0057012 Oct 20, 2025	MW20 Water S25- Oc0057013 Oct 20, 2025	MW21 Water S25- Oc0057014 Oct 20, 2025	MW22 Water S25- Oc0057015 Oct 20, 2025
Volatile Organics						
1,4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,2-Dichloroethene	0.001	mg/L	< 0.001	0.002	0.004	< 0.001
cis-1,3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1,2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1,3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	0.004	0.004	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	0.007	0.009	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	0.007	0.009	< 0.005
4-Bromofluorobenzene (surr.)	1	%	124	123	106	122
Toluene-d8 (surr.)	1	%	124	120	105	112

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference			MW23 Water S25- Oc0057016 Oct 20, 2025	MW29 Water S25- Oc0057022 Oct 20, 2025	MW30 Water S25- Oc0057023 Oct 20, 2025	MW32 Water S25- Oc0057025 Oct 20, 2025
	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1) ^{N04}	0.02	mg/L	< 0.02	< 0.02	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2) ^{*N01}	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene ^{N02}	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	0.008
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

Client Sample ID			MW23 Water S25- Oc0057016 Oct 20, 2025	MW29 Water S25- Oc0057022 Oct 20, 2025	MW30 Water S25- Oc0057023 Oct 20, 2025	MW32 Water S25- Oc0057025 Oct 20, 2025
Sample Matrix						
Eurofins Sample No.						
Date Sampled						
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	104	118	127	111
Toluene-d8 (surr.)	1	%	102	114	127	109

Client Sample ID			MW33 Water S25- Oc0057026 Oct 20, 2025	MW34 Water S25- Oc0057027 Oct 20, 2025	MW35D Water S25- Oc0057028 Oct 20, 2025	MW38 Water S25- Oc0057029 Oct 20, 2025
Sample Matrix						
Eurofins Sample No.						
Date Sampled						
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	1.8	0.06
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	1.8	0.06
TRH C6-C10 less BTEX (F1) ^{N04}	0.02	mg/L	< 0.02	< 0.02	1.8	0.06
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2) ^{*N01}	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene ^{N02}	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference			MW33 Water S25- Oc0057026 Oct 20, 2025	MW34 Water S25- Oc0057027 Oct 20, 2025	MW35D Water S25- Oc0057028 Oct 20, 2025	MW38 Water S25- Oc0057029 Oct 20, 2025
	LOR	Unit				
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	0.006	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	0.29	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	0.009	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	0.040	0.072
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	0.002	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

Client Sample ID			MW33	MW34	MW35D	MW38
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S25- Oc0057026	S25- Oc0057027	S25- Oc0057028	S25- Oc0057029
Date Sampled			Oct 20, 2025	Oct 20, 2025	Oct 20, 2025	Oct 20, 2025
Test/Reference	LOR	Unit				
Volatile Organics						
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	1.6	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	1.932	0.073
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	1.932	0.073
4-Bromofluorobenzene (surr.)	1	%	109	117	121	116
Toluene-d8 (surr.)	1	%	108	115	113	109

Client Sample ID			QA20251020-1	QA20251020-2	MW35S	MW03
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S25- Oc0057030	S25- Oc0057031	S25- Oc0057032	S25- Oc0057086
Date Sampled			Oct 20, 2025	Oct 20, 2025	Oct 20, 2025	Oct 20, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	< 0.02	< 0.02	0.89	< 0.02
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C6-C10	0.02	mg/L	< 0.02	< 0.02	0.89	< 0.02
TRH C6-C10 less BTEX (F1) ^{N04}	0.02	mg/L	< 0.02	< 0.02	0.89	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	0.07	< 0.05
TRH >C10-C16 less Naphthalene (F2) ^{*N01}	0.05	mg/L	< 0.05	< 0.05	0.07	< 0.05
Naphthalene ^{N02}	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	0.002	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	0.068	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005

Client Sample ID			QA20251020-1	QA20251020-2	MW35S	MW03
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S25- Oc0057030	S25- Oc0057031	S25- Oc0057032	S25- Oc0057086
Date Sampled			Oct 20, 2025	Oct 20, 2025	Oct 20, 2025	Oct 20, 2025
Test/Reference	LOR	Unit				
Volatile Organics						
2-Propanone (Acetone)	0.005	mg/L	< 0.005	0.007	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	0.98	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	0.010	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	0.078	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	0.007	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	1.143	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	1.136	< 0.005
4-Bromofluorobenzene (surr.)	1	%	117	115	119	107
Toluene-d8 (surr.)	1	%	114	112	115	104

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Oct 20, 2025	7 Days
Total Recoverable Hydrocarbons - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Oct 20, 2025	7 Days
Total Recoverable Hydrocarbons - 2013 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Oct 20, 2025	7 Days
BTEX - Method: LTM-ORG-2010 BTEX and Volatile TRH	Sydney	Oct 20, 2025	14 Days
Total Recoverable Hydrocarbons - 2013 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Oct 20, 2025	7 Days
Volatile Organics - Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices	Sydney	Oct 20, 2025	7 Days



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Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
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NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1281872
Phone: 02 8245 0300
Fax:

Received: Oct 20, 2025 2:45 PM
Due: Oct 23, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						Volatile Organics	Total Recoverable Hydrocarbons	BTEXN and Volatile TRH	BTEXN and Volatile TRH
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X
External Laboratory									
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID				
1	TS	Oct 20, 2025		Trip Spike (liquid)	S25-Oc0057008				X
2	TB	Oct 20, 2025		Trip Blank (liquid)	S25-Oc0057009			X	
3	RINSATE	Oct 20, 2025		Water	S25-Oc0057010	X	X		
4	MW18	Oct 20, 2025		Water	S25-Oc0057011	X	X		
5	MW19	Oct 20, 2025		Water	S25-Oc0057012	X	X		
6	MW20	Oct 20, 2025		Water	S25-Oc0057013	X	X		
7	MW21	Oct 20, 2025		Water	S25-Oc0057014	X	X		
8	MW22	Oct 20, 2025		Water	S25-Oc0057015	X	X		
9	MW23	Oct 20, 2025		Water	S25-Oc0057016	X	X		
10	MW29	Oct 20, 2025		Water	S25-Oc0057022	X	X		
11	MW30	Oct 20, 2025		Water	S25-Oc0057023	X	X		
12	MW32	Oct 20, 2025		Water	S25-Oc0057025	X	X		
13	MW33	Oct 20, 2025		Water	S25-Oc0057026	X	X		



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Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail

Volatle Organics
Total Recoverable Hydrocarbons
BTEXN and Volatile TRH
BTEXN and Volatile TRH

Sydney Laboratory - NATA # 1261 Site # 18217

						Volatle Organics	Total Recoverable Hydrocarbons	BTEXN and Volatile TRH	BTEXN and Volatile TRH
14	MW34	Oct 20, 2025		Water	S25-Oc0057027	X	X	X	X
15	MW35D	Oct 20, 2025		Water	S25-Oc0057028	X	X		
16	MW38	Oct 20, 2025		Water	S25-Oc0057029	X	X		
17	QA20251020-1	Oct 20, 2025		Water	S25-Oc0057030	X	X		
18	QA20251020-2	Oct 20, 2025		Water	S25-Oc0057031	X	X		
19	MW35S	Oct 20, 2025		Water	S25-Oc0057032	X	X		
20	MW03	Oct 20, 2025		Water	S25-Oc0057086	X	X		
Test Counts						18	18	1	1

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	mg/L: milligrams per litre	ppm: parts per million
µg/L: micrograms per litre	ppb: parts per billion	%: Percentage
org/100 mL: Organisms per 100 millilitres	NTU: Nephelometric Turbidity Units	MPN/100 mL: Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	Colour: Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (<i>bis</i> -tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
Method Blank							
BTEX							
Benzene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
Method Blank							
BTEX							
Benzene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
Method Blank							
BTEX							
Benzene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	102			70-130	Pass	
TRH C6-C10	%	96			70-130	Pass	
Naphthalene	%	90			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	99			70-130	Pass	
Toluene	%	94			70-130	Pass	
Ethylbenzene	%	90			70-130	Pass	
m&p-Xylenes	%	89			70-130	Pass	
o-Xylene	%	89			70-130	Pass	
Xylenes - Total*	%	89			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							

Test			Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Naphthalene			%	74			70-130	Pass	
LCS - % Recovery									
BTEX									
Benzene			%	81			70-130	Pass	
Toluene			%	83			70-130	Pass	
Ethylbenzene			%	84			70-130	Pass	
m&p-Xylenes			%	89			70-130	Pass	
o-Xylene			%	90			70-130	Pass	
Xylenes - Total*			%	89			70-130	Pass	
LCS - % Recovery									
Volatile Organics									
1.1-Dichloroethene			%	77			70-130	Pass	
1.1.1-Trichloroethane			%	75			70-130	Pass	
1.2-Dichlorobenzene			%	79			70-130	Pass	
1.2-Dichloroethane			%	85			70-130	Pass	
Trichloroethene			%	76			70-130	Pass	
LCS - % Recovery									
Total Recoverable Hydrocarbons									
Naphthalene			%	83			70-130	Pass	
LCS - % Recovery									
BTEX									
Benzene			%	90			70-130	Pass	
Toluene			%	88			70-130	Pass	
Ethylbenzene			%	93			70-130	Pass	
m&p-Xylenes			%	96			70-130	Pass	
o-Xylene			%	99			70-130	Pass	
Xylenes - Total*			%	97			70-130	Pass	
LCS - % Recovery									
Volatile Organics									
1.1-Dichloroethene			%	79			70-130	Pass	
1.1.1-Trichloroethane			%	79			70-130	Pass	
1.2-Dichlorobenzene			%	87			70-130	Pass	
1.2-Dichloroethane			%	97			70-130	Pass	
Trichloroethene			%	86			70-130	Pass	
LCS - % Recovery									
Total Recoverable Hydrocarbons									
TRH C10-C14			%	81			70-130	Pass	
TRH >C10-C16			%	74			70-130	Pass	
Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	W25-Oc0044090	NCP	%	85			70-130	Pass	
TRH >C10-C16	W25-Oc0044090	NCP	%	80			70-130	Pass	
Naphthalene	S25-Oc0062952	NCP	%	81			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S25-Oc0062952	NCP	%	96			70-130	Pass	
Toluene	S25-Oc0062952	NCP	%	94			70-130	Pass	
Ethylbenzene	S25-Oc0062952	NCP	%	94			70-130	Pass	
m&p-Xylenes	S25-Oc0062952	NCP	%	99			70-130	Pass	
o-Xylene	S25-Oc0062952	NCP	%	101			70-130	Pass	
Xylenes - Total*	S25-Oc0062952	NCP	%	99			70-130	Pass	
Spike - % Recovery									
Volatile Organics				Result 1					

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.1-Dichloroethene	S25-Oc0062952	NCP	%	86			70-130	Pass	
1.1.1-Trichloroethane	S25-Oc0062952	NCP	%	84			70-130	Pass	
1.2-Dichlorobenzene	S25-Oc0062952	NCP	%	87			70-130	Pass	
1.2-Dichloroethane	S25-Oc0062952	NCP	%	103			70-130	Pass	
Trichloroethene	S25-Oc0062952	NCP	%	92			70-130	Pass	
Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Oc0057010	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH C15-C28	S25-Oc0057010	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C29-C36	S25-Oc0057010	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH >C10-C16	S25-Oc0057010	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH >C16-C34	S25-Oc0057010	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH >C34-C40	S25-Oc0057010	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Oc0057016	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH C6-C10	S25-Oc0057016	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Naphthalene	S25-Oc0057016	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S25-Oc0057016	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	S25-Oc0057016	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
1.1-Dichloroethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1-Dichloroethene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1-Trichloroethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.1.2-Tetrachloroethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2-Trichloroethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.1.2.2-Tetrachloroethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dibromoethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichlorobenzene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloroethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2-Dichloropropane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.3-Trichloropropane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.2.4-Trimethylbenzene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichlorobenzene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3-Dichloropropane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.3.5-Trimethylbenzene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
1.4-Dichlorobenzene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
2-Butanone (MEK)	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
2-Propanone (Acetone)	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
4-Chlorotoluene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
4-Methyl-2-pentanone (MIBK)	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Allyl chloride	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromobenzene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromochloromethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromodichloromethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromoform	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	

Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
Bromomethane	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Carbon disulfide	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Carbon Tetrachloride	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chlorobenzene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chloroethane	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloroform	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloromethane	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
cis-1.2-Dichloroethene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
cis-1.3-Dichloropropene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromochloromethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromomethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dichlorodifluoromethane	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Iodomethane	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Isopropyl benzene (Cumene)	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Methylene Chloride	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Styrene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Tetrachloroethene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1.2-Dichloroethene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1.3-Dichloropropene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Trichloroethene	S25-Oc0057016	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Trichlorofluoromethane	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Vinyl chloride	S25-Oc0057016	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Duplicate								
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD		
TRH C10-C14	S25-Oc0057030	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass
TRH C15-C28	S25-Oc0057030	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass
TRH C29-C36	S25-Oc0057030	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass
TRH >C10-C16	S25-Oc0057030	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass
TRH >C16-C34	S25-Oc0057030	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass
TRH >C34-C40	S25-Oc0057030	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass
Duplicate								
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD		
TRH C6-C9	S25-Oc0057086	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass
TRH C6-C10	S25-Oc0057086	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass
Naphthalene	S25-Oc0057086	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass
Duplicate								
BTEX				Result 1	Result 2	RPD		
Benzene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Toluene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Ethylbenzene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
m&p-Xylenes	S25-Oc0057086	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass
o-Xylene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Xylenes - Total*	S25-Oc0057086	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass
Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
1.1-Dichloroethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1-Dichloroethene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.1-Trichloroethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.1.2-Tetrachloroethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.2-Trichloroethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.2.2-Tetrachloroethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dibromoethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dichlorobenzene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dichloroethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass

Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
1.2-Dichloropropane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2.3-Trichloropropane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2.4-Trimethylbenzene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.3-Dichlorobenzene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.3-Dichloropropane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.3.5-Trimethylbenzene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.4-Dichlorobenzene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
2-Butanone (MEK)	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
2-Propanone (Acetone)	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
4-Chlorotoluene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
4-Methyl-2-pentanone (MIBK)	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Allyl chloride	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromobenzene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromochloromethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromodichloromethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromoform	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromomethane	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Carbon disulfide	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Carbon Tetrachloride	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chlorobenzene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chloroethane	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloroform	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloromethane	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
cis-1.2-Dichloroethene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
cis-1.3-Dichloropropene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromochloromethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromomethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dichlorodifluoromethane	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Iodomethane	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Isopropyl benzene (Cumene)	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Methylene Chloride	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Styrene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Tetrachloroethene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1.2-Dichloroethene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1.3-Dichloropropene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Trichloroethene	S25-Oc0057086	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Trichlorofluoromethane	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Vinyl chloride	S25-Oc0057086	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.

Authorised by:

Andrew Black	Analytical Services Manager
Roopesh Rangarajan	Senior Analyst-Organic
Roopesh Rangarajan	Senior Analyst-Volatile



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please [click here](#).

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Eurofins Environment Testing Australia Pty Ltd

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Melbourne 6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254	Geelong 19/8 Lewalan Street Grovedale VIC 3216 +61 3 8564 5000 NATA# 1261 Site# 25403	Sydney 179 Magowar Road Girraween NSW 2145 +61 2 9900 8400 NATA# 1261 Site# 18217	Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466	Brisbane 1/21 Smallwood Place Murarrie QLD 4172 +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780	Newcastle 1/2 Frost Drive Mayfield West NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079	Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554
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Sample Receipt Advice

Company name: JBS & G Australia (NSW) P/L
Contact name: Chris Bielby
Project name: MR CHESTER
Project ID: 70509
Turnaround time: 3 Day
Date/Time received: Oct 21, 2025 3:42 PM
Eurofins reference: 1282521

Sample Information

- ✓ A detailed list of analytes logged into our LIMS, is included in the attached summary table.
- ✓ Sample Temperature of chilled sample on the batch as recorded by Eurofins Sample Receipt : -.6 degrees Celsius.
- ✓ All samples have been received as described on the above COC.
- ✓ COC has been completed correctly.
- ✓ Attempt to chill was evident.
- ✓ Appropriately preserved sample containers have been used.
- ✓ All samples were received in good condition.
- ✓ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
- ✓ Appropriate sample containers have been used.
- ✓ Sample containers for volatile analysis received with zero headspace.
- ✗ Split sample sent to requested external lab.
- ✗ Some samples have been subcontracted.
- N/A Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

Andrew Black on phone : (+61) 2 9900 8490 or by email: Andrew.Black@eurofinsanz.com

Results will be delivered electronically via email to Chris Bielby - cbielby@jbsg.com.au.

Note: A copy of these results will also be delivered to the general JBS & G Australia (NSW) P/L email address.



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Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1282521
Phone: 02 8245 0300
Fax:

Received: Oct 21, 2025 3:42 PM
Due: Oct 24, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						Volatile Organics	Total Recoverable Hydrocarbons	BTEXN and Volatile TRH	BTEXN and Volatile TRH
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X
External Laboratory									
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID				
1	MW37	Oct 21, 2025		Water	S25-Oc0062947	X	X		
2	MW24	Oct 21, 2025		Water	S25-Oc0062948	X	X		
3	MW26	Oct 21, 2025		Water	S25-Oc0062949	X	X		
4	MW27	Oct 21, 2025		Water	S25-Oc0062950	X	X		
5	MW28	Oct 21, 2025		Water	S25-Oc0062951	X	X		
6	MW31	Oct 21, 2025		Water	S25-Oc0062952	X	X		
7	MW36	Oct 21, 2025		Water	S25-Oc0062953	X	X		
8	MW25	Oct 21, 2025		Water	S25-Oc0062954	X	X		
9	TS	Oct 21, 2025		Trip Spike (liquid)	S25-Oc0062955				X
10	TB	Oct 21, 2025		Trip Blank (liquid)	S25-Oc0062956			X	
11	RINSATE_02	Oct 21, 2025		Water	S25-Oc0062957	X	X		
Test Counts						9	9	1	1

JBS & G Australia (NSW) P/L
Level 8, 179 Elizabeth St
Sydney
NSW 2000



NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition
Arrangement for the mutual recognition of the
equivalence of testing, medical testing, calibration,
inspection, proficiency testing scheme providers and
reference materials producers reports and certificates.

Attention: **Chris Bielby**

Report **1282521-W**
Project name **MR CHESTER**
Project ID **70509**
Received Date **Oct 21, 2025**

Client Sample ID			MW37 Water S25- Oc0062947 Oct 21, 2025	MW24 Water S25- Oc0062948 Oct 21, 2025	MW26 Water S25- Oc0062949 Oct 21, 2025	MW27 Water S25- Oc0062950 Oct 21, 2025
Sample Matrix						
Eurofins Sample No.						
Date Sampled						
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	5.4	< 0.02	1.4	0.19
TRH C10-C14	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C6-C10	0.02	mg/L	5.4	< 0.02	1.4	0.19
TRH C6-C10 less BTEX (F1) ^{N04}	0.02	mg/L	5.4	< 0.02	1.4	0.19
TRH >C10-C16	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2) ^{*N01}	0.05	mg/L	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene ^{N02}	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	0.007	< 0.001	0.11	0.003
1.1-Dichloroethene	0.001	mg/L	0.25	< 0.001	0.22	0.095
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	0.19	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	MW37 Water S25- Oc0062947 Oct 21, 2025	MW24 Water S25- Oc0062948 Oct 21, 2025	MW26 Water S25- Oc0062949 Oct 21, 2025	MW27 Water S25- Oc0062950 Oct 21, 2025
Volatile Organics						
Benzene	0.001	mg/L	0.002	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	5.1	< 0.001	0.46	0.019
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	0.014	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	0.039	< 0.001	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	0.44	< 0.001	0.90	0.19
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	0.17	< 0.005	0.010	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	5.999	< 0.005	1.794	0.304
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	5.829	< 0.005	1.784	0.304
4-Bromofluorobenzene (surr.)	1	%	126	110	138	123
Toluene-d8 (surr.)	1	%	119	106	127	114

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	MW28 Water S25- Oc0062951 Oct 21, 2025	MW31 Water S25- Oc0062952 Oct 21, 2025	MW36 Water S25- Oc0062953 Oct 21, 2025	MW25 Water S25- Oc0062954 Oct 21, 2025
Total Recoverable Hydrocarbons						
TRH C6-C9	0.02	mg/L	0.05	< 0.02	0.07	< 0.02
TRH C10-C14	0.05	mg/L	< 0.05	0.06	< 0.05	< 0.05
TRH C15-C28	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C29-C36	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH C6-C10	0.02	mg/L	0.05	< 0.02	0.07	< 0.02
TRH C6-C10 less BTEX (F1) ^{N04}	0.02	mg/L	0.05	< 0.02	0.07	< 0.02
TRH >C10-C16	0.05	mg/L	< 0.05	0.09	< 0.05	< 0.05
TRH >C10-C16 less Naphthalene (F2) ^{*N01}	0.05	mg/L	< 0.05	0.09	< 0.05	< 0.05
Naphthalene ^{N02}	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C34-C40	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	< 0.1	< 0.1	< 0.1	< 0.1
Volatile Organics						
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	0.029	0.003
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	0.014	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	0.012	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	0.039	< 0.001	0.078	0.004
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

Client Sample ID			MW28 Water S25- Oc0062951 Oct 21, 2025	MW31 Water S25- Oc0062952 Oct 21, 2025	MW36 Water S25- Oc0062953 Oct 21, 2025	MW25 Water S25- Oc0062954 Oct 21, 2025
Sample Matrix						
Eurofins Sample No.						
Date Sampled						
Test/Reference	LOR	Unit				
Volatile Organics						
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	0.003	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	0.014	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	0.053	< 0.005	0.095	0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	0.053	< 0.005	0.095	0.005
4-Bromofluorobenzene (surr.)	1	%	123	124	119	113
Toluene-d8 (surr.)	1	%	113	116	117	112

Client Sample ID			TS Trip Spike (liquid) S25- Oc0062955 Oct 21, 2025	TB Trip Blank (liquid) S25- Oc0062956 Oct 21, 2025	RINSATE_02 Water S25- Oc0062957 Oct 21, 2025
Sample Matrix					
Eurofins Sample No.					
Date Sampled					
Test/Reference	LOR	Unit			
Total Recoverable Hydrocarbons					
TRH C6-C9	0.02	mg/L	-	< 0.02	< 0.02
TRH C10-C14	0.05	mg/L	-	-	< 0.05
TRH C15-C28	0.1	mg/L	-	-	< 0.1
TRH C29-C36	0.1	mg/L	-	-	< 0.1
TRH C10-C36 (Total)	0.1	mg/L	-	-	< 0.1
TRH C6-C10	0.02	mg/L	-	< 0.02	< 0.02
TRH C6-C10 less BTEX (F1) ^{N04}	0.02	mg/L	-	< 0.02	< 0.02
TRH >C10-C16	0.05	mg/L	-	-	< 0.05
TRH >C10-C16 less Naphthalene (F2) ^{*N01}	0.05	mg/L	-	-	< 0.05
Naphthalene ^{N02}	0.01	mg/L	-	< 0.01	< 0.01
TRH >C16-C34	0.1	mg/L	-	-	< 0.1
TRH >C34-C40	0.1	mg/L	-	-	< 0.1
TRH >C10-C40 (total)*	0.1	mg/L	-	-	< 0.1

Client Sample ID			TS Trip Spike (liquid) S25- Oc0062955 Oct 21, 2025	TB Trip Blank (liquid) S25- Oc0062956 Oct 21, 2025	RINSATE_02 Water S25- Oc0062957 Oct 21, 2025
Sample Matrix					
Eurofins Sample No.					
Date Sampled					
Test/Reference	LOR	Unit			
Volatile Organics					
1.1-Dichloroethane	0.001	mg/L	-	-	< 0.001
1.1-Dichloroethene	0.001	mg/L	-	-	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	-	-	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	-	-	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	-	-	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	-	-	< 0.001
1.2-Dibromoethane	0.001	mg/L	-	-	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	-	-	< 0.001
1.2-Dichloroethane	0.001	mg/L	-	-	< 0.001
1.2-Dichloropropane	0.001	mg/L	-	-	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	-	-	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	-	-	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	-	-	< 0.001
1.3-Dichloropropane	0.001	mg/L	-	-	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	-	-	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	-	-	< 0.001
2-Butanone (MEK)	0.005	mg/L	-	-	< 0.005
2-Propanone (Acetone)	0.005	mg/L	-	-	< 0.005
4-Chlorotoluene	0.001	mg/L	-	-	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	-	-	< 0.005
Allyl chloride	0.001	mg/L	-	-	< 0.001
Benzene	0.001	mg/L	-	-	< 0.001
Bromobenzene	0.001	mg/L	-	-	< 0.001
Bromochloromethane	0.001	mg/L	-	-	< 0.001
Bromodichloromethane	0.001	mg/L	-	-	< 0.001
Bromoform	0.001	mg/L	-	-	< 0.001
Bromomethane	0.005	mg/L	-	-	< 0.005
Carbon disulfide	0.001	mg/L	-	-	< 0.001
Carbon Tetrachloride	0.001	mg/L	-	-	< 0.001
Chlorobenzene	0.001	mg/L	-	-	< 0.001
Chloroethane	0.005	mg/L	-	-	< 0.005
Chloroform	0.005	mg/L	-	-	< 0.005
Chloromethane	0.005	mg/L	-	-	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	-	-	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	-	-	< 0.001
Dibromochloromethane	0.001	mg/L	-	-	< 0.001
Dibromomethane	0.001	mg/L	-	-	< 0.001
Dichlorodifluoromethane	0.005	mg/L	-	-	< 0.005
Ethylbenzene	0.001	mg/L	-	-	< 0.001
Iodomethane	0.001	mg/L	-	-	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	-	-	< 0.001
m&p-Xylenes	0.002	mg/L	-	-	< 0.002
Methylene Chloride	0.005	mg/L	-	-	< 0.005
o-Xylene	0.001	mg/L	-	-	< 0.001
Styrene	0.001	mg/L	-	-	< 0.001
Tetrachloroethene	0.001	mg/L	-	-	< 0.001
Toluene	0.001	mg/L	-	-	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	-	-	< 0.001

Client Sample ID			TS	TB	RINSATE_02
Sample Matrix			Trip Spike (liquid)	Trip Blank (liquid)	Water
Eurofins Sample No.			S25- Oc0062955	S25- Oc0062956	S25- Oc0062957
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit			
Volatile Organics					
trans-1.3-Dichloropropene	0.001	mg/L	-	-	< 0.001
Trichloroethene	0.001	mg/L	-	-	< 0.001
Trichlorofluoromethane	0.005	mg/L	-	-	< 0.005
Vinyl chloride	0.005	mg/L	-	-	< 0.005
Xylenes - Total*	0.003	mg/L	-	-	< 0.003
Total MAH*	0.003	mg/L	-	-	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	-	-	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	-	-	< 0.005
4-Bromofluorobenzene (surr.)	1	%	-	-	125
Toluene-d8 (surr.)	1	%	-	-	116
TRH C6-C10	1	%	72	-	-
Total Recoverable Hydrocarbons					
Naphthalene	1	%	77	-	-
TRH C6-C9	1	%	72	-	-
BTEX					
Benzene	1	%	75	-	-
Ethylbenzene	1	%	76	-	-
m&p-Xylenes	1	%	80	-	-
o-Xylene	1	%	73	-	-
Toluene	1	%	78	-	-
Xylenes - Total	1	%	75	-	-
4-Bromofluorobenzene (surr.)	1	%	100	-	-
BTEX					
Benzene	0.001	mg/L	-	< 0.001	-
Toluene	0.001	mg/L	-	< 0.001	-
Ethylbenzene	0.001	mg/L	-	< 0.001	-
m&p-Xylenes	0.002	mg/L	-	< 0.002	-
o-Xylene	0.001	mg/L	-	< 0.001	-
Xylenes - Total*	0.003	mg/L	-	< 0.003	-
4-Bromofluorobenzene (surr.)	1	%	-	98	-

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Total Recoverable Hydrocarbons - 1999 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Oct 21, 2025	7 Days
Total Recoverable Hydrocarbons - 2013 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Oct 21, 2025	7 Days
Total Recoverable Hydrocarbons - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Oct 21, 2025	7 Days
BTEX - Method: LTM-ORG-2010 BTEX and Volatile TRH	Sydney	Oct 21, 2025	14 Days
Total Recoverable Hydrocarbons - 2013 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Oct 21, 2025	7 Days
Volatile Organics - Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices	Sydney	Oct 21, 2025	7 Days



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Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1282521
Phone: 02 8245 0300
Fax:

Received: Oct 21, 2025 3:42 PM
Due: Oct 24, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						Volatile Organics	Total Recoverable Hydrocarbons	BTEXN and Volatile TRH	BTEXN and Volatile TRH
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X
External Laboratory									
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID				
1	MW37	Oct 21, 2025		Water	S25-Oc0062947	X	X		
2	MW24	Oct 21, 2025		Water	S25-Oc0062948	X	X		
3	MW26	Oct 21, 2025		Water	S25-Oc0062949	X	X		
4	MW27	Oct 21, 2025		Water	S25-Oc0062950	X	X		
5	MW28	Oct 21, 2025		Water	S25-Oc0062951	X	X		
6	MW31	Oct 21, 2025		Water	S25-Oc0062952	X	X		
7	MW36	Oct 21, 2025		Water	S25-Oc0062953	X	X		
8	MW25	Oct 21, 2025		Water	S25-Oc0062954	X	X		
9	TS	Oct 21, 2025		Trip Spike (liquid)	S25-Oc0062955				X
10	TB	Oct 21, 2025		Trip Blank (liquid)	S25-Oc0062956			X	
11	RINSATE_02	Oct 21, 2025		Water	S25-Oc0062957	X	X		
Test Counts						9	9	1	1

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	mg/L: milligrams per litre	ppm: parts per million
µg/L: micrograms per litre	ppb: parts per billion	%: Percentage
org/100 mL: Organisms per 100 millilitres	NTU: Nephelometric Turbidity Units	MPN/100 mL: Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	Colour: Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (<i>bis</i> -tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Total Recoverable Hydrocarbons							
TRH C10-C14	mg/L	< 0.05			0.05	Pass	
TRH C15-C28	mg/L	< 0.1			0.1	Pass	
TRH C29-C36	mg/L	< 0.1			0.1	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	< 0.02			0.02	Pass	
TRH C6-C10	mg/L	< 0.02			0.02	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
Method Blank							
Volatile Organics							
Benzene	mg/L	< 0.001			0.001	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/L	0.02			0.02	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	
Trichlorofluoromethane	mg/L	< 0.005			0.005	Pass	
Vinyl chloride	mg/L	< 0.005			0.005	Pass	
Xylenes - Total*	mg/L	< 0.003			0.003	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C10-C14	%	97			70-130	Pass	
TRH >C10-C16	%	88			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	124			70-130	Pass	
TRH C6-C10	%	121			70-130	Pass	
Naphthalene	%	78			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
Benzene	%	115			70-130	Pass	
Ethylbenzene	%	108			70-130	Pass	
m&p-Xylenes	%	107			70-130	Pass	
o-Xylene	%	102			70-130	Pass	
Toluene	%	116			70-130	Pass	
Xylenes - Total*	%	105			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	121			70-130	Pass	
TRH C6-C10	%	120			70-130	Pass	
Naphthalene	%	88			70-130	Pass	
LCS - % Recovery							
Volatile Organics							
Benzene	%	109			70-130	Pass	
Ethylbenzene	%	112			70-130	Pass	

Test				Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
m&p-Xylenes				%	110			70-130	Pass	
o-Xylene				%	110			70-130	Pass	
Toluene				%	115			70-130	Pass	
Xylenes - Total*				%	110			70-130	Pass	
LCS - % Recovery										
Total Recoverable Hydrocarbons										
Naphthalene			%	101			70-130	Pass		
LCS - % Recovery										
Volatile Organics										
1.1-Dichloroethene			%	105			70-130	Pass		
1.1.1-Trichloroethane			%	103			70-130	Pass		
1.2-Dichlorobenzene			%	112			70-130	Pass		
1.2-Dichloroethane			%	113			70-130	Pass		
Benzene			%	121			70-130	Pass		
Ethylbenzene			%	120			70-130	Pass		
m&p-Xylenes			%	125			70-130	Pass		
o-Xylene			%	129			70-130	Pass		
Toluene			%	118			70-130	Pass		
Trichloroethene			%	115			70-130	Pass		
Xylenes - Total*			%	126			70-130	Pass		
Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code	
Spike - % Recovery										
Total Recoverable Hydrocarbons				Result 1						
TRH C10-C14	S25-Oc0062948	CP	%	90			70-130	Pass		
TRH >C10-C16	S25-Oc0062948	CP	%	86			70-130	Pass		
Spike - % Recovery										
Total Recoverable Hydrocarbons				Result 1						
Naphthalene	S25-Oc0062952	CP	%	81			70-130	Pass		
Spike - % Recovery										
Volatile Organics				Result 1						
1.1-Dichloroethene	S25-Oc0062952	CP	%	86			70-130	Pass		
1.1.1-Trichloroethane	S25-Oc0062952	CP	%	84			70-130	Pass		
1.2-Dichlorobenzene	S25-Oc0062952	CP	%	87			70-130	Pass		
1.2-Dichloroethane	S25-Oc0062952	CP	%	103			70-130	Pass		
Benzene	S25-Oc0062952	CP	%	96			70-130	Pass		
Ethylbenzene	S25-Oc0062952	CP	%	94			70-130	Pass		
m&p-Xylenes	S25-Oc0062952	CP	%	99			70-130	Pass		
o-Xylene	S25-Oc0062952	CP	%	101			70-130	Pass		
Toluene	S25-Oc0062952	CP	%	94			70-130	Pass		
Trichloroethene	S25-Oc0062952	CP	%	92			70-130	Pass		
Xylenes - Total*	S25-Oc0062952	CP	%	99			70-130	Pass		
Spike - % Recovery										
Total Recoverable Hydrocarbons				Result 1						
TRH C6-C9	S25-Oc0054574	NCP	%	100			70-130	Pass		
TRH C6-C10	S25-Oc0054574	NCP	%	98			70-130	Pass		
Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code	
Duplicate										
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD				
TRH C10-C14	S25-Oc0062947	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass		
TRH C15-C28	S25-Oc0062947	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass		
TRH C29-C36	S25-Oc0062947	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass		
TRH >C10-C16	S25-Oc0062947	CP	mg/L	< 0.05	< 0.05	<1	30%	Pass		
TRH >C16-C34	S25-Oc0062947	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass		
TRH >C34-C40	S25-Oc0062947	CP	mg/L	< 0.1	< 0.1	<1	30%	Pass		

Duplicate								
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD		
TRH C6-C9	S25-Oc0062948	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass
TRH C6-C10	S25-Oc0062948	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass
Naphthalene	S25-Oc0062948	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass
Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
1.1-Dichloroethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1-Dichloroethene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.1-Trichloroethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.1.2-Tetrachloroethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.2-Trichloroethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.2.2-Tetrachloroethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dibromoethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dichlorobenzene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dichloroethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dichloropropane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2.3-Trichloropropane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2.4-Trimethylbenzene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.3-Dichlorobenzene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.3-Dichloropropane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.3.5-Trimethylbenzene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.4-Dichlorobenzene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
2-Butanone (MEK)	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
2-Propanone (Acetone)	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
4-Chlorotoluene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
4-Methyl-2-pentanone (MIBK)	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Allyl chloride	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Benzene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromobenzene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromochloromethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromodichloromethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromoform	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromomethane	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Carbon disulfide	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Carbon Tetrachloride	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chlorobenzene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chloroethane	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloroform	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloromethane	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
cis-1.2-Dichloroethene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
cis-1.3-Dichloropropene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromochloromethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromomethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dichlorodifluoromethane	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Ethylbenzene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Iodomethane	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Isopropyl benzene (Cumene)	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
m&p-Xylenes	S25-Oc0062948	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass
Methylene Chloride	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
o-Xylene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Styrene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Tetrachloroethene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Toluene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1.2-Dichloroethene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1.3-Dichloropropene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass

Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
Trichloroethene	S25-Oc0062948	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Trichlorofluoromethane	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Vinyl chloride	S25-Oc0062948	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Xylenes - Total*	S25-Oc0062948	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass
Duplicate								
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD		
TRH C6-C9	S25-Oc0062950	CP	mg/L	0.19	0.19	1.0	30%	Pass
TRH C6-C10	S25-Oc0062950	CP	mg/L	0.19	0.19	1.0	30%	Pass
Naphthalene	S25-Oc0062950	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass
Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
1.1-Dichloroethane	S25-Oc0062950	CP	mg/L	0.003	0.002	9.0	30%	Pass
1.1-Dichloroethene	S25-Oc0062950	CP	mg/L	0.095	0.093	3.0	30%	Pass
1.1.1-Trichloroethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.1.2-Tetrachloroethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.2-Trichloroethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.1.2.2-Tetrachloroethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dibromoethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dichlorobenzene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dichloroethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2-Dichloropropane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2.3-Trichloropropane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.2.4-Trimethylbenzene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.3-Dichlorobenzene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.3-Dichloropropane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.3.5-Trimethylbenzene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1.4-Dichlorobenzene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
2-Butanone (MEK)	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
2-Propanone (Acetone)	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
4-Chlorotoluene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
4-Methyl-2-pentanone (MIBK)	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Allyl chloride	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Benzene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromobenzene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromochloromethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromodichloromethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromoform	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromomethane	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Carbon disulfide	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Carbon Tetrachloride	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chlorobenzene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chloroethane	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloroform	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloromethane	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
cis-1.2-Dichloroethene	S25-Oc0062950	CP	mg/L	0.019	0.018	8.0	30%	Pass
cis-1.3-Dichloropropene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromochloromethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromomethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dichlorodifluoromethane	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Ethylbenzene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Iodomethane	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Isopropyl benzene (Cumene)	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
m&p-Xylenes	S25-Oc0062950	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass
Methylene Chloride	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass

Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
o-Xylene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Styrene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Tetrachloroethene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Toluene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1,2-Dichloroethene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1,3-Dichloropropene	S25-Oc0062950	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Trichloroethene	S25-Oc0062950	CP	mg/L	0.19	0.18	5.0	30%	Pass
Trichlorofluoromethane	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Vinyl chloride	S25-Oc0062950	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Xylenes - Total*	S25-Oc0062950	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass
Duplicate								
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD		
TRH C6-C9	S25-Oc0062951	CP	mg/L	0.05	0.04	17	30%	Pass
TRH C6-C10	S25-Oc0062951	CP	mg/L	0.05	0.04	18	30%	Pass
Naphthalene	S25-Oc0062951	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass
Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
1,1-Dichloroethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,1-Dichloroethene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,1,1-Trichloroethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,1,1,2-Tetrachloroethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,1,2-Trichloroethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,1,2,2-Tetrachloroethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2-Dibromoethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2-Dichlorobenzene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2-Dichloroethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2-Dichloropropane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2,3-Trichloropropane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2,4-Trimethylbenzene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,3-Dichlorobenzene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,3-Dichloropropane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,3,5-Trimethylbenzene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,4-Dichlorobenzene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
2-Butanone (MEK)	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
2-Propanone (Acetone)	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
4-Chlorotoluene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
4-Methyl-2-pentanone (MIBK)	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Allyl chloride	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Benzene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromobenzene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromochloromethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromodichloromethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromoform	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromomethane	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Carbon disulfide	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Carbon Tetrachloride	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chlorobenzene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chloroethane	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloroform	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloromethane	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
cis-1,2-Dichloroethene	S25-Oc0062951	CP	mg/L	0.039	0.040	3.0	30%	Pass
cis-1,3-Dichloropropene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromochloromethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromomethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass

Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
Dichlorodifluoromethane	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Ethylbenzene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Iodomethane	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Isopropyl benzene (Cumene)	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
m&p-Xylenes	S25-Oc0062951	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass
Methylene Chloride	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
o-Xylene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Styrene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Tetrachloroethene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Toluene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1,2-Dichloroethene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1,3-Dichloropropene	S25-Oc0062951	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Trichloroethene	S25-Oc0062951	CP	mg/L	0.014	0.013	13	30%	Pass
Trichlorofluoromethane	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Vinyl chloride	S25-Oc0062951	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Xylenes - Total*	S25-Oc0062951	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass
Duplicate								
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD		
TRH C6-C9	S25-Oc0062953	CP	mg/L	0.07	0.07	7.0	30%	Pass
TRH C6-C10	S25-Oc0062953	CP	mg/L	0.07	0.08	6.0	30%	Pass
Naphthalene	S25-Oc0062953	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass
Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
1,1-Dichloroethane	S25-Oc0062953	CP	mg/L	0.029	0.031	7.0	30%	Pass
1,1-Dichloroethene	S25-Oc0062953	CP	mg/L	0.014	0.012	13	30%	Pass
1,1,1-Trichloroethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,1,1,2-Tetrachloroethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,1,2-Trichloroethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,1,2,2-Tetrachloroethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2-Dibromoethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2-Dichlorobenzene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2-Dichloroethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2-Dichloropropane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2,3-Trichloropropane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,2,4-Trimethylbenzene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,3-Dichlorobenzene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,3-Dichloropropane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,3,5-Trimethylbenzene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
1,4-Dichlorobenzene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
2-Butanone (MEK)	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
2-Propanone (Acetone)	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
4-Chlorotoluene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
4-Methyl-2-pentanone (MIBK)	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Allyl chloride	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Benzene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromobenzene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromochloromethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromodichloromethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromoform	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Bromomethane	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Carbon disulfide	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Carbon Tetrachloride	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chlorobenzene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Chloroethane	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass

Duplicate								
Volatile Organics				Result 1	Result 2	RPD		
Chloroform	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Chloromethane	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
cis-1.2-Dichloroethene	S25-Oc0062953	CP	mg/L	0.078	0.069	12	30%	Pass
cis-1.3-Dichloropropene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromochloromethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dibromomethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Dichlorodifluoromethane	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Ethylbenzene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Iodomethane	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Isopropyl benzene (Cumene)	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
m&p-Xylenes	S25-Oc0062953	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass
Methylene Chloride	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
o-Xylene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Styrene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Tetrachloroethene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Toluene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
trans-1.2-Dichloroethene	S25-Oc0062953	CP	mg/L	0.003	0.002	49	30%	Fail
trans-1.3-Dichloropropene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Trichloroethene	S25-Oc0062953	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass
Trichlorofluoromethane	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Vinyl chloride	S25-Oc0062953	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass
Xylenes - Total*	S25-Oc0062953	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
N01	F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis).
N02	Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid.
N04	F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes.
Q15	The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report.

Authorised by:

Andrew Black	Analytical Services Manager
Roopesh Rangarajan	Senior Analyst-Organic
Roopesh Rangarajan	Senior Analyst-Volatile



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please [click here](#).

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

[illegible]

1292 525

Eurofins Environment Testing Australia Pty Ltd

ABN: 50 005 085 521

Eurofins ARL Pty Ltd

ABN: 91 05 0159 898

Melbourne 6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254	Geelong 19/8 Lewalan Street Grovedale VIC 3216 +61 3 8564 5000 NATA# 1261 Site# 25403	Sydney 179 Magowar Road Girraween NSW 2145 +61 2 9900 8400 NATA# 1261 Site# 18217	Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466	Brisbane 1/21 Smallwood Place Murarrie QLD 4172 +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780	Newcastle 1/2 Frost Drive Mayfield West NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079	Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554
---	--	--	--	--	--	--

Sample Receipt Advice

Company name: JBS & G Australia (NSW) P/L
Contact name: Chris Bielby
Project name: MR CHESTER
Project ID: 70509
Turnaround time: 3 Day
Date/Time received: Oct 21, 2025 3:42 PM
Eurofins reference: 1282525

Sample Information

- ✓ A detailed list of analytes logged into our LIMS, is included in the attached summary table.
- ✓ Sample Temperature of chilled sample on the batch as recorded by Eurofins Sample Receipt : -.6 degrees Celsius.
- ✓ All samples have been received as described on the above COC.
- ✓ COC has been completed correctly.
- ✓ Attempt to chill was evident.
- ✓ Appropriately preserved sample containers have been used.
- ✓ All samples were received in good condition.
- ✓ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
- ✓ Appropriate sample containers have been used.
- ✓ Sample containers for volatile analysis received with zero headspace.
- ✗ Split sample sent to requested external lab.
- ✗ Some samples have been subcontracted.
- N/A Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

Andrew Black on phone : (+61) 2 9900 8490 or by email: Andrew.Black@eurofinsanz.com

Results will be delivered electronically via email to Chris Bielby - cbielby@jbsg.com.au.

Note: A copy of these results will also be delivered to the general JBS & G Australia (NSW) P/L email address.



web: www.eurofins.com.au
email: EnviroSales@eurofinsanz.com

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NATA# 2377
Site# 2370 & 2554

Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1282525
Phone: 02 8245 0300
Fax:

Received: Oct 21, 2025 3:42 PM
Due: Oct 24, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						Volatile Organics
Sydney Laboratory - NATA # 1261 Site # 18217						X
External Laboratory						
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID	
1	WR01	Oct 21, 2025		Water	S25-Oc0062965	X
2	CH01	Oct 21, 2025		Water	S25-Oc0062966	X
3	CH02	Oct 21, 2025		Water	S25-Oc0062967	X
Test Counts						3

JBS & G Australia (NSW) P/L
Level 8, 179 Elizabeth St
Sydney
NSW 2000



NATA Accredited
Accreditation Number 1261
Site Number 18217

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition
Arrangement for the mutual recognition of the
equivalence of testing, medical testing, calibration,
inspection, proficiency testing scheme providers and
reference materials producers reports and certificates.

Attention: **Chris Bielby**

Report **1282525-W**
Project name **MR CHESTER**
Project ID **70509**
Received Date **Oct 21, 2025**

Client Sample ID			WR01	CH01	CH02
Sample Matrix			Water	Water	Water
Eurofins Sample No.			S25- Oc0062965	S25- Oc0062966	S25- Oc0062967
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit			
Volatile Organics					
1.1-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.1-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.1.1-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.1.1.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.1.2-Trichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.1.2.2-Tetrachloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2-Dibromoethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2-Dichloroethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2.3-Trichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.2.4-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.3-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.3-Dichloropropane	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.3.5-Trimethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
1.4-Dichlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
2-Butanone (MEK)	0.005	mg/L	< 0.005	< 0.005	< 0.005
2-Propanone (Acetone)	0.005	mg/L	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	0.001	mg/L	< 0.001	< 0.001	< 0.001
4-Methyl-2-pentanone (MIBK)	0.005	mg/L	< 0.005	< 0.005	< 0.005
Allyl chloride	0.001	mg/L	< 0.001	< 0.001	< 0.001
Benzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Bromobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
Bromoform	0.001	mg/L	< 0.001	< 0.001	< 0.001
Bromomethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
Carbon disulfide	0.001	mg/L	< 0.001	< 0.001	< 0.001
Carbon Tetrachloride	0.001	mg/L	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Chloroethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
Chloroform	0.005	mg/L	< 0.005	< 0.005	< 0.005
Chloromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
cis-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001
cis-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	WR01 Water S25- Oc0062965 Oct 21, 2025	CH01 Water S25- Oc0062966 Oct 21, 2025	CH02 Water S25- Oc0062967 Oct 21, 2025
Volatile Organics					
Dibromochloromethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
Dibromomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Iodomethane	0.001	mg/L	< 0.001	< 0.001	< 0.001
Isopropyl benzene (Cumene)	0.001	mg/L	< 0.001	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002	< 0.002
Methylene Chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Styrene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001	< 0.001
trans-1.2-Dichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001
trans-1.3-Dichloropropene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Trichloroethene	0.001	mg/L	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	0.005	mg/L	< 0.005	< 0.005	< 0.005
Vinyl chloride	0.005	mg/L	< 0.005	< 0.005	< 0.005
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003
Total MAH*	0.003	mg/L	< 0.003	< 0.003	< 0.003
Vic EPA IWRG 621 CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005
Vic EPA IWRG 621 Other CHC (Total)*	0.005	mg/L	< 0.005	< 0.005	< 0.005
4-Bromofluorobenzene (surr.)	1	%	122	139	118
Toluene-d8 (surr.)	1	%	114	134	110

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description

Volatile Organics

Testing Site

Sydney

Extracted

Oct 21, 2025

Holding Time

7 Days

- Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices



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NATA# 2377
Site# 2370 & 2554

Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000
Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1282525
Phone: 02 8245 0300
Fax:

Received: Oct 21, 2025 3:42 PM
Due: Oct 24, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						Volatile Organics
Sydney Laboratory - NATA # 1261 Site # 18217						X
External Laboratory						
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID	
1	WR01	Oct 21, 2025		Water	S25-Oc0062965	X
2	CH01	Oct 21, 2025		Water	S25-Oc0062966	X
3	CH02	Oct 21, 2025		Water	S25-Oc0062967	X
Test Counts						3

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	mg/L: milligrams per litre	ppm: parts per million
µg/L: micrograms per litre	ppb: parts per billion	%: Percentage
org/100 mL: Organisms per 100 millilitres	NTU: Nephelometric Turbidity Units	MPN/100 mL: Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	Colour: Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (<i>bis</i> -tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Volatile Organics							
1.1-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.1-Dichloroethene	mg/L	< 0.001			0.001	Pass	
1.1.1-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.1.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2-Trichloroethane	mg/L	< 0.001			0.001	Pass	
1.1.2.2-Tetrachloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dibromoethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.2-Dichloroethane	mg/L	< 0.001			0.001	Pass	
1.2-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.3-Trichloropropane	mg/L	< 0.001			0.001	Pass	
1.2.4-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
1.3-Dichloropropane	mg/L	< 0.001			0.001	Pass	
1.3.5-Trimethylbenzene	mg/L	< 0.001			0.001	Pass	
1.4-Dichlorobenzene	mg/L	< 0.001			0.001	Pass	
2-Butanone (MEK)	mg/L	< 0.005			0.005	Pass	
2-Propanone (Acetone)	mg/L	< 0.005			0.005	Pass	
4-Chlorotoluene	mg/L	< 0.001			0.001	Pass	
4-Methyl-2-pentanone (MIBK)	mg/L	< 0.005			0.005	Pass	
Allyl chloride	mg/L	< 0.001			0.001	Pass	
Benzene	mg/L	< 0.001			0.001	Pass	
Bromobenzene	mg/L	< 0.001			0.001	Pass	
Bromochloromethane	mg/L	< 0.001			0.001	Pass	
Bromodichloromethane	mg/L	< 0.001			0.001	Pass	
Bromoform	mg/L	< 0.001			0.001	Pass	
Bromomethane	mg/L	< 0.005			0.005	Pass	
Carbon disulfide	mg/L	< 0.001			0.001	Pass	
Carbon Tetrachloride	mg/L	< 0.001			0.001	Pass	
Chlorobenzene	mg/L	< 0.001			0.001	Pass	
Chloroethane	mg/L	< 0.005			0.005	Pass	
Chloroform	mg/L	< 0.005			0.005	Pass	
Chloromethane	mg/L	< 0.005			0.005	Pass	
cis-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
cis-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Dibromochloromethane	mg/L	< 0.001			0.001	Pass	
Dibromomethane	mg/L	< 0.001			0.001	Pass	
Dichlorodifluoromethane	mg/L	< 0.005			0.005	Pass	
Ethylbenzene	mg/L	< 0.001			0.001	Pass	
Iodomethane	mg/L	< 0.001			0.001	Pass	
Isopropyl benzene (Cumene)	mg/L	< 0.001			0.001	Pass	
m&p-Xylenes	mg/L	< 0.002			0.002	Pass	
Methylene Chloride	mg/L	< 0.005			0.005	Pass	
o-Xylene	mg/L	< 0.001			0.001	Pass	
Styrene	mg/L	< 0.001			0.001	Pass	
Tetrachloroethene	mg/L	< 0.001			0.001	Pass	
Toluene	mg/L	< 0.001			0.001	Pass	
trans-1.2-Dichloroethene	mg/L	< 0.001			0.001	Pass	
trans-1.3-Dichloropropene	mg/L	< 0.001			0.001	Pass	
Trichloroethene	mg/L	< 0.001			0.001	Pass	

Test				Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Trichlorofluoromethane				mg/L	< 0.005			0.005	Pass	
Vinyl chloride				mg/L	< 0.005			0.005	Pass	
Xylenes - Total*				mg/L	< 0.003			0.003	Pass	
LCS - % Recovery										
Volatile Organics										
1.1-Dichloroethene				%	87			70-130	Pass	
1.1.1-Trichloroethane				%	78			70-130	Pass	
1.2-Dichlorobenzene				%	88			70-130	Pass	
1.2-Dichloroethane				%	92			70-130	Pass	
Benzene				%	92			70-130	Pass	
Ethylbenzene				%	96			70-130	Pass	
m&p-Xylenes				%	100			70-130	Pass	
o-Xylene				%	103			70-130	Pass	
Toluene				%	94			70-130	Pass	
Trichloroethene				%	90			70-130	Pass	
Xylenes - Total*				%	101			70-130	Pass	
Test	Lab Sample ID	QA Source	Units	Result 1				Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery										
Volatile Organics					Result 1					
1.1-Dichloroethene	S25-Oc0062952	NCP	%	86				70-130	Pass	
1.1.1-Trichloroethane	S25-Oc0062952	NCP	%	84				70-130	Pass	
1.2-Dichlorobenzene	S25-Oc0062952	NCP	%	87				70-130	Pass	
1.2-Dichloroethane	S25-Oc0062952	NCP	%	103				70-130	Pass	
Benzene	S25-Oc0062952	NCP	%	96				70-130	Pass	
Ethylbenzene	S25-Oc0062952	NCP	%	94				70-130	Pass	
m&p-Xylenes	S25-Oc0062952	NCP	%	99				70-130	Pass	
o-Xylene	S25-Oc0062952	NCP	%	101				70-130	Pass	
Toluene	S25-Oc0062952	NCP	%	94				70-130	Pass	
Trichloroethene	S25-Oc0062952	NCP	%	92				70-130	Pass	
Xylenes - Total*	S25-Oc0062952	NCP	%	99				70-130	Pass	
Test	Lab Sample ID	QA Source	Units	Result 1				Acceptance Limits	Pass Limits	Qualifying Code
Duplicate										
Volatile Organics					Result 1	Result 2	RPD			
1.1-Dichloroethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.1-Dichloroethene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.1.1-Trichloroethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.1.1.2-Tetrachloroethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.1.2-Trichloroethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.1.2.2-Tetrachloroethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.2-Dibromoethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.2-Dichlorobenzene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.2-Dichloroethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.2-Dichloropropane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.2.3-Trichloropropane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.2.4-Trimethylbenzene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.3-Dichlorobenzene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.3-Dichloropropane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.3.5-Trimethylbenzene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
1.4-Dichlorobenzene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
2-Butanone (MEK)	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass		
2-Propanone (Acetone)	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass		
4-Chlorotoluene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass		
4-Methyl-2-pentanone (MIBK)	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass		

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Duplicate									
Volatile Organics				Result 1	Result 2	RPD			
Allyl chloride	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromobenzene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromochloromethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromodichloromethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromoform	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bromomethane	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Carbon disulfide	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Carbon Tetrachloride	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chlorobenzene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chloroethane	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloroform	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Chloromethane	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
cis-1,2-Dichloroethene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
cis-1,3-Dichloropropene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromochloromethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibromomethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dichlorodifluoromethane	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Ethylbenzene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Iodomethane	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Isopropyl benzene (Cumene)	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S25-Oc0062948	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Methylene Chloride	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
o-Xylene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Styrene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Tetrachloroethene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1,2-Dichloroethene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
trans-1,3-Dichloropropene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichloroethene	S25-Oc0062948	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichlorofluoromethane	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Vinyl chloride	S25-Oc0062948	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Xylenes - Total*	S25-Oc0062948	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	

Comments

Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	Yes
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

Andrew Black	Analytical Services Manager
Roopesh Rangarajan	Senior Analyst-Volatile



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please [click here](#).

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~~XXXXXXXXXXXX~~

1 OF 1

22619

[illegible]



SAMPLE RECEIPT NOTIFICATION (SRN)

Work Order : **ES2532681**

Client : **JBS&G AUSTRALIA PTY LTD**
Contact : **ACCOUNTS PAYABLE**
Address : **Level 8 179 ELIZABETH STREET
SYDNEY NSW, AUSTRALIA 2000**

E-mail : **adminnsw@jbsg.com.au**
Telephone : **+61 08 9488 0100**
Facsimile : **+61 08 9488 0199**

Project : **70509**
Order number : **70509**

C-O-C number : **----**
Site : **----**
Sampler : **HEATHER MADDOCK, LAYMOND CHU**

Laboratory : **Environmental Division Sydney**
Contact : **Jason Dighton**
Address : **277-289 Woodpark Road Smithfield
NSW Australia 2164**

E-mail : **jason.dighton@alsglobal.com**
Telephone : **+61-2-8784 8555**
Facsimile : **+61-2-8784 8500**

Page : **1 of 3**
Quote number : **EP2025JBSENV0001 (EN/000 Custom
Quote)**
QC Level : **NEPM 2013 B3 & ALS QC Standard**

Dates

Date Samples Received : **20-Oct-2025 17:23**
Client Requested Due : **23-Oct-2025**
Date

Issue Date : **20-Oct-2025**
Scheduled Reporting Date : **23-Oct-2025**

Delivery Details

Mode of Delivery : **Carrier**
No. of coolers/boxes : **1**
Receipt Detail :

Security Seal : **Not Available**
Temperature : **14.9°C - Ice present**
No. of samples received / analysed : **2 / 2**

General Comments

- This report contains the following information:
 - Sample Container(s)/Preservation Non-Compliances
 - Summary of Sample(s) and Requested Analysis
 - Proactive Holding Time Report
 - Requested Deliverables
- **Please refer to the Proactive Holding Time Report table below which summarises breaches of recommended holding times that have occurred prior to samples/instructions being received at the laboratory. The laboratory will process these samples unless instructions are received from you indicating you do not wish to proceed. The absence of this summary table indicates that all samples have been received within the recommended holding times for the analysis requested.**
- **Sample(s) requiring volatile organic compound analysis received in airtight containers (ZHE).**
- Please direct any queries you have regarding this work order to the above ALS laboratory contact.
- Unless otherwise stated, analytical work for this work order will be conducted at ALS Sydney, NATA accreditation no. 825, site no. 10911.
- Sample Disposal - Aqueous (3 weeks), Solid (2 months $\pm$ 1 week) from receipt of samples.
- Please be aware that APHA/NEPM recommends water and soil samples be chilled to less than or equal to 6°C for chemical analysis, and less than or equal to 10°C but unfrozen for Microbiological analysis. Where samples are received above this temperature, it should be taken into consideration when interpreting results. Refer to ALS EnviroMail 85 for ALS recommendations of the best practice for chilling samples after sampling and for maintaining a cool temperature during transit.



Sample Container(s)/Preservation Non-Compliances

All comparisons are made against pretreatment/preservation AS, APHA, USEPA standards.

- No sample container / preservation non-compliance exists.

Summary of Sample(s) and Requested Analysis

Some items described below may be part of a laboratory process necessary for the execution of client requested tasks. Packages may contain additional analyses, such as the determination of moisture content and preparation tasks, that are included in the package.

If no sampling time is provided, the sampling time will default 00:00 on the date of sampling. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component

Matrix: **WATER**

Laboratory sample ID	Sampling date / time	Sample ID	WATER - W-09 TRH/VOC
ES2532681-001	20-Oct-2025 00:00	QC20251020-1	✓
ES2532681-002	20-Oct-2025 00:00	QC20251020-2	✓

Proactive Holding Time Report

Sample(s) have been received within the recommended holding times for the requested analysis.



Requested Deliverables

ACCOUNTS PAYABLE

- *AU Certificate of Analysis - NATA (COA)	Email	adminnsw@jbsg.com.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	adminnsw@jbsg.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	adminnsw@jbsg.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	adminnsw@jbsg.com.au
- A4 - AU Tax Invoice (INV)	Email	invoices@jbsg.com.au
- Chain of Custody (CoC) (COC)	Email	adminnsw@jbsg.com.au
- EDI Format - ESDAT (ESDAT)	Email	adminnsw@jbsg.com.au

CHRISTOPHER BIELBY

- *AU Certificate of Analysis - NATA (COA)	Email	cbielby@jbsg.com.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	cbielby@jbsg.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	cbielby@jbsg.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	cbielby@jbsg.com.au
- A4 - AU Tax Invoice (INV)	Email	cbielby@jbsg.com.au
- Chain of Custody (CoC) (COC)	Email	cbielby@jbsg.com.au
- EDI Format - ESDAT (ESDAT)	Email	cbielby@jbsg.com.au

ESDAT LABSYNC RESULTS

- EDI Format - ESDAT (ESDAT)	Email	jbsglabresults@jbsg.com.au
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HEATHER MADDOCK

- *AU Certificate of Analysis - NATA (COA)	Email	hmaddock@jbsg.com.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	hmaddock@jbsg.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	hmaddock@jbsg.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	hmaddock@jbsg.com.au
- A4 - AU Tax Invoice (INV)	Email	hmaddock@jbsg.com.au
- Chain of Custody (CoC) (COC)	Email	hmaddock@jbsg.com.au
- EDI Format - ESDAT (ESDAT)	Email	hmaddock@jbsg.com.au

LAYMOND CHU

- *AU Certificate of Analysis - NATA (COA)	Email	lchu@jbsg.com.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	lchu@jbsg.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	lchu@jbsg.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	lchu@jbsg.com.au
- A4 - AU Tax Invoice (INV)	Email	lchu@jbsg.com.au
- Chain of Custody (CoC) (COC)	Email	lchu@jbsg.com.au
- EDI Format - ESDAT (ESDAT)	Email	lchu@jbsg.com.au



QUALITY CONTROL REPORT

Work Order	: ES2532681	Page	: 1 of 8
Client	: JBS&G AUSTRALIA PTY LTD	Laboratory	: Environmental Division Sydney
Contact	: ACCOUNTS PAYABLE	Contact	: Jason Dighton
Address	: Level 8 179 ELIZABETH STREET SYDNEY NSW, AUSTRALIA 2000	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: +61 08 9488 0100	Telephone	: +61-2-8784 8555
Project	: 70509	Date Samples Received	: 20-Oct-2025
Order number	: 70509	Date Analysis Commenced	: 21-Oct-2025
C-O-C number	: ----	Issue Date	: 23-Oct-2025
Sampler	: HEATHER MADDOCK, LAYMOND CHU		
Site	: ----		
Quote number	: EN/000 Custom Quote		
No. of samples received	: 2		
No. of samples analysed	: 2		



This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Edwandy Fadjjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Sanjeshni Jyoti	Senior Chemist Volatiles	Sydney Organics, Smithfield, NSW



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key :
 Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
 CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
 LOR = Limit of reporting
 RPD = Relative Percentage Difference
 # = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **WATER**

Sub-Matrix: WATER				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP074A: Monocyclic Aromatic Hydrocarbons (QC Lot: 6944128)									
CA2506260-001	Anonymous	EP074: Styrene	100-42-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: Isopropylbenzene	98-82-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: n-Propylbenzene	103-65-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.3.5-Trimethylbenzene	108-67-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: sec-Butylbenzene	135-98-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.4-Trimethylbenzene	95-63-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: tert-Butylbenzene	98-06-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: p-Isopropyltoluene	99-87-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: n-Butylbenzene	104-51-8	5	µg/L	<5	<5	0.0	No Limit
EP074B: Oxygenated Compounds (QC Lot: 6944128)									
CA2506260-001	Anonymous	EP074: Vinyl Acetate	108-05-4	50	µg/L	<50	<50	0.0	No Limit
		EP074: 2-Butanone (MEK)	78-93-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	50	µg/L	<50	<50	0.0	No Limit
		EP074: 2-Hexanone (MBK)	591-78-6	50	µg/L	<50	<50	0.0	No Limit
EP074C: Sulfonated Compounds (QC Lot: 6944128)									
CA2506260-001	Anonymous	EP074: Carbon disulfide	75-15-0	5	µg/L	<5	<5	0.0	No Limit
EP074D: Fumigants (QC Lot: 6944128)									
CA2506260-001	Anonymous	EP074: 2.2-Dichloropropane	594-20-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dichloropropane	78-87-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.3-Dichloropropylene	10061-01-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.3-Dichloropropylene	10061-02-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dibromoethane (EDB)	106-93-4	5	µg/L	<5	<5	0.0	No Limit



Sub-Matrix: WATER				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP074E: Halogenated Aliphatic Compounds (QC Lot: 6944128)									
CA2506260-001	Anonymous	EP074: 1.1-Dichloroethene	75-35-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Iodomethane	74-88-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.2-Dichloroethene	156-60-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1-Dichloroethane	75-34-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.2-Dichloroethene	156-59-2	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.1-Trichloroethane	71-55-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1-Dichloropropylene	563-58-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: Carbon Tetrachloride	56-23-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dichloroethane	107-06-2	5	µg/L	<5	<5	0.0	No Limit
		EP074: Trichloroethene	79-01-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dibromomethane	74-95-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.2-Trichloroethane	79-00-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.3-Dichloropropane	142-28-9	5	µg/L	<5	<5	0.0	No Limit
		EP074: Tetrachloroethene	127-18-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.1.2-Tetrachloroethane	630-20-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: trans-1.4-Dichloro-2-butene	110-57-6	5	µg/L	<5	<5	0.0	No Limit
		EP074: cis-1.4-Dichloro-2-butene	1476-11-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.1.2.2-Tetrachloroethane	79-34-5	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.3-Trichloropropane	96-18-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Pentachloroethane	76-01-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dibromo-3-chloropropane	96-12-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: Hexachlorobutadiene	87-68-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dichlorodifluoromethane	75-71-8	50	µg/L	<50	<50	0.0	No Limit
		EP074: Chloromethane	74-87-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: Vinyl chloride	75-01-4	50	µg/L	<50	<50	0.0	No Limit
		EP074: Bromomethane	74-83-9	50	µg/L	<50	<50	0.0	No Limit
		EP074: Chloroethane	75-00-3	50	µg/L	<50	<50	0.0	No Limit
		EP074: Trichlorofluoromethane	75-69-4	50	µg/L	<50	<50	0.0	No Limit
EP074F: Halogenated Aromatic Compounds (QC Lot: 6944128)									
CA2506260-001	Anonymous	EP074: Chlorobenzene	108-90-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromobenzene	108-86-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 2-Chlorotoluene	95-49-8	5	µg/L	<5	<5	0.0	No Limit
		EP074: 4-Chlorotoluene	106-43-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.3-Dichlorobenzene	541-73-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.4-Dichlorobenzene	106-46-7	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2-Dichlorobenzene	95-50-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.4-Trichlorobenzene	120-82-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: 1.2.3-Trichlorobenzene	87-61-6	5	µg/L	<5	<5	0.0	No Limit

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 Project : 70509



Sub-Matrix: WATER				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP074G: Trihalomethanes (QC Lot: 6944128)									
CA2506260-001	Anonymous	EP074: Chloroform	67-66-3	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromodichloromethane	75-27-4	5	µg/L	<5	<5	0.0	No Limit
		EP074: Dibromochloromethane	124-48-1	5	µg/L	<5	<5	0.0	No Limit
		EP074: Bromoform	75-25-2	5	µg/L	<5	<5	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 6944130)									
CA2506260-001	Anonymous	EP080: C6 - C9 Fraction	----	20	µg/L	<20	<20	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 6944130)									
CA2506260-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	<20	0.0	No Limit
EP080: BTEXN (QC Lot: 6944130)									
CA2506260-001	Anonymous	EP080: Benzene	71-43-2	1	µg/L	<1	<1	0.0	No Limit
		EP080: Toluene	108-88-3	2	µg/L	<2	<2	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	2	µg/L	<2	<2	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3	2	µg/L	<2	<2	0.0	No Limit
			106-42-3						
		EP080: ortho-Xylene	95-47-6	2	µg/L	<2	<2	0.0	No Limit
		EP080: Naphthalene	91-20-3	5	µg/L	<5	<5	0.0	No Limit



Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **WATER**

Sub-Matrix: WATER				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result		LCS	Low	High
EP074A: Monocyclic Aromatic Hydrocarbons (QCLot: 6944128)								
EP074: Styrene	100-42-5	5	µg/L	<5	10 µg/L	104	73.0	119
EP074: Isopropylbenzene	98-82-8	5	µg/L	<5	10 µg/L	106	76.0	118
EP074: n-Propylbenzene	103-65-1	5	µg/L	<5	10 µg/L	108	69.0	119
EP074: 1,3,5-Trimethylbenzene	108-67-8	5	µg/L	<5	10 µg/L	106	74.0	116
EP074: sec-Butylbenzene	135-98-8	5	µg/L	<5	10 µg/L	111	73.0	119
EP074: 1,2,4-Trimethylbenzene	95-63-6	5	µg/L	<5	10 µg/L	108	74.0	116
EP074: tert-Butylbenzene	98-06-6	5	µg/L	<5	10 µg/L	109	72.0	116
EP074: p-Isopropyltoluene	99-87-6	5	µg/L	<5	10 µg/L	106	71.0	119
EP074: n-Butylbenzene	104-51-8	5	µg/L	<5	10 µg/L	110	65.0	123
EP074B: Oxygenated Compounds (QCLot: 6944128)								
EP074: Vinyl Acetate	108-05-4	50	µg/L	<50	100 µg/L	99.9	61.4	134
EP074: 2-Butanone (MEK)	78-93-3	50	µg/L	<50	100 µg/L	92.2	73.6	130
EP074: 4-Methyl-2-pentanone (MIBK)	108-10-1	50	µg/L	<50	100 µg/L	104	66.0	132
EP074: 2-Hexanone (MBK)	591-78-6	50	µg/L	<50	100 µg/L	103	65.0	137
EP074C: Sulfonated Compounds (QCLot: 6944128)								
EP074: Carbon disulfide	75-15-0	5	µg/L	<5	10 µg/L	98.4	72.8	127
EP074D: Fumigants (QCLot: 6944128)								
EP074: 2,2-Dichloropropane	594-20-7	5	µg/L	<5	10 µg/L	99.1	68.0	122
EP074: 1,2-Dichloropropane	78-87-5	5	µg/L	<5	10 µg/L	101	76.0	118
EP074: cis-1,3-Dichloropropylene	10061-01-5	5	µg/L	<5	10 µg/L	107	62.0	120
EP074: trans-1,3-Dichloropropylene	10061-02-6	5	µg/L	<5	10 µg/L	101	60.0	114
EP074: 1,2-Dibromoethane (EDB)	106-93-4	5	µg/L	<5	10 µg/L	104	69.0	117
EP074E: Halogenated Aliphatic Compounds (QCLot: 6944128)								
EP074: Dichlorodifluoromethane	75-71-8	50	µg/L	<50	100 µg/L	93.8	60.6	138
EP074: Chloromethane	74-87-3	50	µg/L	<50	100 µg/L	96.4	67.4	130
EP074: Vinyl chloride	75-01-4	50	µg/L	<50	100 µg/L	97.4	69.4	129
EP074: Bromomethane	74-83-9	50	µg/L	<50	100 µg/L	97.2	56.0	140
EP074: Chloroethane	75-00-3	50	µg/L	<50	100 µg/L	98.8	61.0	139
EP074: Trichlorofluoromethane	75-69-4	50	µg/L	<50	100 µg/L	98.8	69.0	131
EP074: 1,1-Dichloroethene	75-35-4	5	µg/L	<5	10 µg/L	101	70.0	124



Sub-Matrix: **WATER**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result			Low	High
EP074E: Halogenated Aliphatic Compounds (QCLot: 6944128) - continued								
EP074: Iodomethane	74-88-4	5	µg/L	<5	10 µg/L	101	70.2	128
EP074: trans-1,2-Dichloroethene	156-60-5	5	µg/L	<5	10 µg/L	112	74.0	118
EP074: 1,1-Dichloroethane	75-34-3	5	µg/L	<5	10 µg/L	105	74.0	120
EP074: cis-1,2-Dichloroethene	156-59-2	5	µg/L	<5	10 µg/L	104	77.0	119
EP074: 1,1,1-Trichloroethane	71-55-6	5	µg/L	<5	10 µg/L	102	67.0	119
EP074: 1,1-Dichloropropylene	563-58-6	5	µg/L	<5	10 µg/L	100	73.0	119
EP074: Carbon Tetrachloride	56-23-5	5	µg/L	<5	10 µg/L	103	62.0	120
EP074: 1,2-Dichloroethane	107-06-2	5	µg/L	<5	10 µg/L	102	73.0	123
EP074: Trichloroethene	79-01-6	5	µg/L	<5	10 µg/L	105	76.0	118
EP074: Dibromomethane	74-95-3	5	µg/L	<5	10 µg/L	105	73.0	119
EP074: 1,1,2-Trichloroethane	79-00-5	5	µg/L	<5	10 µg/L	93.1	72.0	126
EP074: 1,3-Dichloropropane	142-28-9	5	µg/L	<5	10 µg/L	102	71.0	129
EP074: Tetrachloroethene	127-18-4	5	µg/L	<5	10 µg/L	102	72.0	124
EP074: 1,1,1,2-Tetrachloroethane	630-20-6	5	µg/L	<5	10 µg/L	108	66.0	114
EP074: trans-1,4-Dichloro-2-butene	110-57-6	5	µg/L	<5	10 µg/L	107	60.0	120
EP074: cis-1,4-Dichloro-2-butene	1476-11-5	5	µg/L	<5	10 µg/L	97.4	70.6	128
EP074: 1,1,2,2-Tetrachloroethane	79-34-5	5	µg/L	<5	10 µg/L	101	70.0	124
EP074: 1,2,3-Trichloropropane	96-18-4	5	µg/L	<5	10 µg/L	91.2	74.0	126
EP074: Pentachloroethane	76-01-7	5	µg/L	<5	10 µg/L	110	71.8	126
EP074: 1,2-Dibromo-3-chloropropane	96-12-8	5	µg/L	<5	10 µg/L	115	66.4	136
EP074: Hexachlorobutadiene	87-68-3	5	µg/L	<5	10 µg/L	110	58.0	130
EP074F: Halogenated Aromatic Compounds (QCLot: 6944128)								
EP074: Chlorobenzene	108-90-7	5	µg/L	<5	10 µg/L	105	79.0	117
EP074: Bromobenzene	108-86-1	5	µg/L	<5	10 µg/L	109	76.0	116
EP074: 2-Chlorotoluene	95-49-8	5	µg/L	<5	10 µg/L	108	73.0	119
EP074: 4-Chlorotoluene	106-43-4	5	µg/L	<5	10 µg/L	109	73.0	119
EP074: 1,3-Dichlorobenzene	541-73-1	5	µg/L	<5	10 µg/L	110	75.0	117
EP074: 1,4-Dichlorobenzene	106-46-7	5	µg/L	<5	10 µg/L	112	74.0	118
EP074: 1,2-Dichlorobenzene	95-50-1	5	µg/L	<5	10 µg/L	109	75.0	117
EP074: 1,2,4-Trichlorobenzene	120-82-1	5	µg/L	<5	10 µg/L	106	61.0	125
EP074: 1,2,3-Trichlorobenzene	87-61-6	5	µg/L	<5	10 µg/L	108	67.0	123
EP074G: Trihalomethanes (QCLot: 6944128)								
EP074: Chloroform	67-66-3	5	µg/L	<5	10 µg/L	102	72.0	120
EP074: Bromodichloromethane	75-27-4	5	µg/L	<5	10 µg/L	102	64.0	118



Sub-Matrix: **WATER**

Sub-Matrix: WATER				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: Compound	CAS Number	LOR	Unit	Result				
EP074G: Trihalomethanes (QCLot: 6944128) - continued								
EP074: Dibromochloromethane	124-48-1	5	µg/L	<5	10 µg/L	109	65.0	115
EP074: Bromoform	75-25-2	5	µg/L	<5	10 µg/L	98.6	73.5	126
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6943473)								
EP071: C10 - C14 Fraction	----	50	µg/L	<50	400 µg/L	73.2	53.7	97.0
EP071: C15 - C28 Fraction	----	100	µg/L	<100	600 µg/L	93.5	63.3	107
EP071: C29 - C36 Fraction	----	50	µg/L	<50	400 µg/L	90.1	58.3	120
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6944130)								
EP080: C6 - C9 Fraction	----	20	µg/L	<20	260 µg/L	87.2	75.0	127
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6943473)								
EP071: >C10 - C16 Fraction	----	100	µg/L	<100	500 µg/L	82.2	53.9	95.5
EP071: >C16 - C34 Fraction	----	100	µg/L	<100	700 µg/L	94.4	57.8	110
EP071: >C34 - C40 Fraction	----	100	µg/L	<100	300 µg/L	75.6	50.5	115
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6944130)								
EP080: C6 - C10 Fraction	C6_C10	20	µg/L	<20	310 µg/L	85.2	75.0	127
EP080: BTEXN (QCLot: 6944130)								
EP080: Benzene	71-43-2	1	µg/L	<1	10 µg/L	80.4	68.3	119
EP080: Toluene	108-88-3	2	µg/L	<2	10 µg/L	95.7	73.5	120
EP080: Ethylbenzene	100-41-4	2	µg/L	<2	10 µg/L	94.9	73.8	122
EP080: meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	10 µg/L	93.5	73.0	122
EP080: ortho-Xylene	95-47-6	2	µg/L	<2	10 µg/L	104	76.4	123
EP080: Naphthalene	91-20-3	5	µg/L	<5	10 µg/L	102	75.5	124

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: **WATER**

Sub-Matrix: WATER				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP074E: Halogenated Aliphatic Compounds (QCLot: 6944128)							
CA2506260-001	Anonymous	EP074: 1,1-Dichloroethene	75-35-4	25 µg/L	121	70.0	130
		EP074: Trichloroethene	79-01-6	25 µg/L	99.0	70.0	130
EP074F: Halogenated Aromatic Compounds (QCLot: 6944128)							
CA2506260-001	Anonymous	EP074: Chlorobenzene	108-90-7	25 µg/L	109	70.0	130



Sub-Matrix: WATER				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6944130)							
CA2506260-001	Anonymous	EP080: C6 - C9 Fraction	----	325 µg/L	81.6	70.0	130
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6944130)							
CA2506260-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	375 µg/L	79.6	70.0	130
EP080: BTEXN (QCLot: 6944130)							
CA2506260-001	Anonymous	EP080: Benzene	71-43-2	25 µg/L	74.2	70.0	130
		EP080: Toluene	108-88-3	25 µg/L	94.9	70.0	130
		EP080: Ethylbenzene	100-41-4	25 µg/L	101	70.0	130
		EP080: meta- & para-Xylene	108-38-3	25 µg/L	101	70.0	130
			106-42-3				
		EP080: ortho-Xylene	95-47-6	25 µg/L	106	70.0	130
		EP080: Naphthalene	91-20-3	25 µg/L	96.3	70.0	130



QA/QC Compliance Assessment to assist with Quality Review

Work Order	: ES2532681	Page	: 1 of 5
Client	: JBS&G AUSTRALIA PTY LTD	Laboratory	: Environmental Division Sydney
Contact	: ACCOUNTS PAYABLE	Telephone	: +61-2-8784 8555
Project	: 70509	Date Samples Received	: 20-Oct-2025
Site	: ----	Issue Date	: 23-Oct-2025
Sampler	: HEATHER MADDOCK, LAYMOND CHU	No. of samples received	: 2
Order number	: 70509	No. of samples analysed	: 2

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO** Method Blank value outliers occur.
- **NO** Duplicate outliers occur.
- **NO** Laboratory Control outliers occur.
- **NO** Matrix Spike outliers occur.
- For all regular sample matrices, where applicable to the methodology, **NO** surrogate recovery outliers occur.

Outliers : Analysis Holding Time Compliance

- **NO** Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

- Quality Control Sample Frequency Outliers exist - please see following pages for full details.

Matrix: WATER

Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding times for **VOC in soils** vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis			
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation	
EP074A: Monocyclic Aromatic Hydrocarbons								
Amber VOC Vial - Sulfuric Acid (EP074) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	03-Nov-2025	✓	21-Oct-2025	03-Nov-2025	✓	
EP074B: Oxygenated Compounds								
Amber VOC Vial - Sulfuric Acid (EP074) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	03-Nov-2025	✓	21-Oct-2025	03-Nov-2025	✓	
EP074C: Sulfonated Compounds								
Amber VOC Vial - Sulfuric Acid (EP074) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	03-Nov-2025	✓	21-Oct-2025	03-Nov-2025	✓	
EP074D: Fumigants								
Amber VOC Vial - Sulfuric Acid (EP074) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	03-Nov-2025	✓	21-Oct-2025	03-Nov-2025	✓	
EP074E: Halogenated Aliphatic Compounds								
Amber VOC Vial - Sulfuric Acid (EP074) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	03-Nov-2025	✓	21-Oct-2025	03-Nov-2025	✓	
EP074F: Halogenated Aromatic Compounds								
Amber VOC Vial - Sulfuric Acid (EP074) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	03-Nov-2025	✓	21-Oct-2025	03-Nov-2025	✓	
EP074G: Trihalomethanes								
Amber VOC Vial - Sulfuric Acid (EP074) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	03-Nov-2025	✓	21-Oct-2025	03-Nov-2025	✓	



Matrix: WATER

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP080/071: Total Petroleum Hydrocarbons							
Amber Glass Bottle - Unpreserved (EP071) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	27-Oct-2025	✓	22-Oct-2025	30-Nov-2025	✓
Amber VOC Vial - Sulfuric Acid (EP080) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	03-Nov-2025	✓	21-Oct-2025	03-Nov-2025	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Amber Glass Bottle - Unpreserved (EP071) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	27-Oct-2025	✓	22-Oct-2025	30-Nov-2025	✓
Amber VOC Vial - Sulfuric Acid (EP080) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	03-Nov-2025	✓	21-Oct-2025	03-Nov-2025	✓
EP080: BTEXN							
Amber VOC Vial - Sulfuric Acid (EP080) QC20251020-1, QC20251020-2	20-Oct-2025	21-Oct-2025	03-Nov-2025	✓	21-Oct-2025	03-Nov-2025	✓



Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **WATER**

Evaluation: ✖ = Quality Control frequency not within specification ; ✔ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	Method	QC	Regular	Actual	Expected	Evaluation	
Laboratory Duplicates (DUP)							
TRH - Semivolatile Fraction	EP071	0	6	0.00	10.00	✖	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	3	33.33	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	6	16.67	10.00	✔	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
TRH - Semivolatile Fraction	EP071	1	6	16.67	5.00	✔	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	3	33.33	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	6	16.67	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
TRH - Semivolatile Fraction	EP071	1	6	16.67	5.00	✔	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	3	33.33	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	6	16.67	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
TRH - Semivolatile Fraction	EP071	0	6	0.00	5.00	✖	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	3	33.33	5.00	✔	NEPM 2013 B3 & ALS QC Standard
Volatile Organic Compounds	EP074	1	6	16.67	5.00	✔	NEPM 2013 B3 & ALS QC Standard



Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
TRH - Semivolatile Fraction	EP071	WATER	In house: Referenced to USEPA SW 846 - 8015 The sample extract is analysed by Capillary GC/FID and quantification is by comparison against an established 5 point calibration curve of n-Alkane standards. This method is compliant with the QC requirements of NEPM Schedule B(3)
Volatile Organic Compounds	EP074	WATER	In house: Referenced to USEPA SW 846 - 8260 Water samples are directly purged prior to analysis by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This method is compliant with NEPM Schedule B(3)
TRH Volatiles/BTEX	EP080	WATER	In house: Referenced to USEPA SW 846 - 8260 Water samples are directly purged prior to analysis by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. Alternatively, a sample is equilibrated in a headspace vial and a portion of the headspace determined by GCMS analysis. This method is compliant with the QC requirements of NEPM Schedule B(3)
Preparation Methods	Method	Matrix	Method Descriptions
Separatory Funnel Extraction of Liquids	ORG14	WATER	In house: Referenced to USEPA SW 846 - 3510 100 mL to 1L of sample is transferred to a separatory funnel and serially extracted three times using DCM for each extract. The resultant extracts are combined, dehydrated and concentrated for analysis. This method is compliant with NEPM Schedule B(3) . ALS default excludes sediment which may be resident in the container.
Volatiles Water Preparation	ORG16-W	WATER	A 5 mL aliquot or 5 mL of a diluted sample is added to a 40 mL VOC vial for purging.



CERTIFICATE OF ANALYSIS

Work Order : **ES2532681**
Client : **JBS&G AUSTRALIA PTY LTD**
Contact : **ACCOUNTS PAYABLE**
Address : **Level 8 179 ELIZABETH STREET**
SYDNEY NSW, AUSTRALIA 2000
Telephone : **+61 08 9488 0100**
Project : **70509**
Order number : **70509**
C-O-C number : **----**
Sampler : **HEATHER MADDOCK, LAYMOND CHU**
Site : **----**
Quote number : **EN/000 Custom Quote**
No. of samples received : **2**
No. of samples analysed : **2**

Page : 1 of 7
Laboratory : Environmental Division Sydney
Contact : Jason Dighton
Address : 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone : +61-2-8784 8555
Date Samples Received : 20-Oct-2025 17:23
Date Analysis Commenced : 21-Oct-2025
Issue Date : 23-Oct-2025 14:53



Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Sanjeshni Jyoti	Senior Chemist Volatiles	Sydney Organics, Smithfield, NSW



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contract for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

LOR = Limit of reporting

^ = This result is computed from individual analyte detections at or above the level of reporting

ø = ALS is not NATA accredited for these tests.

~ = Indicates an estimated value.

- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP074: Where reported, Total Trihalomethanes is the sum of the reported concentrations of all Trihalomethanes at or above the LOR.
- EP074: Where reported, Total Trimethylbenzenes is the sum of the reported concentrations of 1.2.3-Trimethylbenzene, 1.2.4-Trimethylbenzene and 1.3.5-Trimethylbenzene at or above the LOR.



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

				QC20251020-1	QC20251020-2	----	----	----
Sampling date / time				20-Oct-2025 00:00	20-Oct-2025 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2532681-001	ES2532681-002	-----	-----	-----
				Result	Result	----	----	----
EP074A: Monocyclic Aromatic Hydrocarbons								
Styrene	100-42-5	5	µg/L	<5	<5	----	----	----
Isopropylbenzene	98-82-8	5	µg/L	<5	<5	----	----	----
n-Propylbenzene	103-65-1	5	µg/L	<5	<5	----	----	----
1,3,5-Trimethylbenzene	108-67-8	5	µg/L	<5	<5	----	----	----
sec-Butylbenzene	135-98-8	5	µg/L	<5	<5	----	----	----
1,2,4-Trimethylbenzene	95-63-6	5	µg/L	<5	<5	----	----	----
tert-Butylbenzene	98-06-6	5	µg/L	<5	<5	----	----	----
p-Isopropyltoluene	99-87-6	5	µg/L	<5	<5	----	----	----
n-Butylbenzene	104-51-8	5	µg/L	<5	<5	----	----	----
EP074B: Oxygenated Compounds								
Vinyl Acetate	108-05-4	50	µg/L	<50	<50	----	----	----
2-Butanone (MEK)	78-93-3	50	µg/L	<50	<50	----	----	----
4-Methyl-2-pentanone (MIBK)	108-10-1	50	µg/L	<50	<50	----	----	----
2-Hexanone (MBK)	591-78-6	50	µg/L	<50	<50	----	----	----
EP074C: Sulfonated Compounds								
Carbon disulfide	75-15-0	5	µg/L	<5	<5	----	----	----
EP074D: Fumigants								
2,2-Dichloropropane	594-20-7	5	µg/L	<5	<5	----	----	----
1,2-Dichloropropane	78-87-5	5	µg/L	<5	<5	----	----	----
cis-1,3-Dichloropropylene	10061-01-5	5	µg/L	<5	<5	----	----	----
trans-1,3-Dichloropropylene	10061-02-6	5	µg/L	<5	<5	----	----	----
1,2-Dibromoethane (EDB)	106-93-4	5	µg/L	<5	<5	----	----	----
EP074E: Halogenated Aliphatic Compounds								
Dichlorodifluoromethane	75-71-8	50	µg/L	<50	<50	----	----	----
Chloromethane	74-87-3	50	µg/L	<50	<50	----	----	----
Vinyl chloride	75-01-4	50	µg/L	<50	<50	----	----	----
Bromomethane	74-83-9	50	µg/L	<50	<50	----	----	----



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

				QC20251020-1	QC20251020-2	----	----	----
Sampling date / time				20-Oct-2025 00:00	20-Oct-2025 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2532681-001	ES2532681-002	-----	-----	-----
				Result	Result	----	----	----
EP074E: Halogenated Aliphatic Compounds - Continued								
Chloroethane	75-00-3	50	µg/L	<50	<50	----	----	----
Trichlorofluoromethane	75-69-4	50	µg/L	<50	<50	----	----	----
1,1-Dichloroethene	75-35-4	5	µg/L	<5	<5	----	----	----
Iodomethane	74-88-4	5	µg/L	<5	<5	----	----	----
trans-1,2-Dichloroethene	156-60-5	5	µg/L	<5	<5	----	----	----
1,1-Dichloroethane	75-34-3	5	µg/L	<5	<5	----	----	----
cis-1,2-Dichloroethene	156-59-2	5	µg/L	<5	<5	----	----	----
1,1,1-Trichloroethane	71-55-6	5	µg/L	<5	<5	----	----	----
1,1-Dichloropropylene	563-58-6	5	µg/L	<5	<5	----	----	----
Carbon Tetrachloride	56-23-5	5	µg/L	<5	<5	----	----	----
1,2-Dichloroethane	107-06-2	5	µg/L	<5	<5	----	----	----
Trichloroethene	79-01-6	5	µg/L	<5	<5	----	----	----
Dibromomethane	74-95-3	5	µg/L	<5	<5	----	----	----
1,1,2-Trichloroethane	79-00-5	5	µg/L	<5	<5	----	----	----
1,3-Dichloropropane	142-28-9	5	µg/L	<5	<5	----	----	----
Tetrachloroethene	127-18-4	5	µg/L	<5	<5	----	----	----
1,1,1,2-Tetrachloroethane	630-20-6	5	µg/L	<5	<5	----	----	----
trans-1,4-Dichloro-2-butene	110-57-6	5	µg/L	<5	<5	----	----	----
cis-1,4-Dichloro-2-butene	1476-11-5	5	µg/L	<5	<5	----	----	----
1,1,2,2-Tetrachloroethane	79-34-5	5	µg/L	<5	<5	----	----	----
1,2,3-Trichloropropane	96-18-4	5	µg/L	<5	<5	----	----	----
Pentachloroethane	76-01-7	5	µg/L	<5	<5	----	----	----
1,2-Dibromo-3-chloropropane	96-12-8	5	µg/L	<5	<5	----	----	----
Hexachlorobutadiene	87-68-3	5	µg/L	<5	<5	----	----	----
EP074F: Halogenated Aromatic Compounds								
Chlorobenzene	108-90-7	5	µg/L	<5	<5	----	----	----
Bromobenzene	108-86-1	5	µg/L	<5	<5	----	----	----



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

				QC20251020-1	QC20251020-2	----	----	----
Sampling date / time				20-Oct-2025 00:00	20-Oct-2025 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2532681-001	ES2532681-002	-----	-----	-----
				Result	Result	----	----	----
EP074F: Halogenated Aromatic Compounds - Continued								
2-Chlorotoluene	95-49-8	5	µg/L	<5	<5	----	----	----
4-Chlorotoluene	106-43-4	5	µg/L	<5	<5	----	----	----
1,3-Dichlorobenzene	541-73-1	5	µg/L	<5	<5	----	----	----
1,4-Dichlorobenzene	106-46-7	5	µg/L	<5	<5	----	----	----
1,2-Dichlorobenzene	95-50-1	5	µg/L	<5	<5	----	----	----
1,2,4-Trichlorobenzene	120-82-1	5	µg/L	<5	<5	----	----	----
1,2,3-Trichlorobenzene	87-61-6	5	µg/L	<5	<5	----	----	----
EP074G: Trihalomethanes								
Chloroform	67-66-3	5	µg/L	<5	<5	----	----	----
Bromodichloromethane	75-27-4	5	µg/L	<5	<5	----	----	----
Dibromochloromethane	124-48-1	5	µg/L	<5	<5	----	----	----
Bromoform	75-25-2	5	µg/L	<5	<5	----	----	----
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction	----	20	µg/L	<20	<20	----	----	----
C10 - C14 Fraction	----	50	µg/L	<50	<50	----	----	----
C15 - C28 Fraction	----	100	µg/L	<100	<100	----	----	----
C29 - C36 Fraction	----	50	µg/L	<50	<50	----	----	----
^ C10 - C36 Fraction (sum)	----	50	µg/L	<50	<50	----	----	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions								
C6 - C10 Fraction	C6_C10	20	µg/L	<20	<20	----	----	----
^ C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	20	µg/L	<20	<20	----	----	----
>C10 - C16 Fraction	----	100	µg/L	<100	<100	----	----	----
>C16 - C34 Fraction	----	100	µg/L	<100	<100	----	----	----
>C34 - C40 Fraction	----	100	µg/L	<100	<100	----	----	----
^ >C10 - C40 Fraction (sum)	----	100	µg/L	<100	<100	----	----	----
^ >C10 - C16 Fraction minus Naphthalene (F2)	----	100	µg/L	<100	<100	----	----	----



Analytical Results

Sub-Matrix: WATER
 (Matrix: WATER)

Sample ID

				QC20251020-1	QC20251020-2	----	----	----
Sampling date / time				20-Oct-2025 00:00	20-Oct-2025 00:00	----	----	----
Compound	CAS Number	LOR	Unit	ES2532681-001	ES2532681-002	-----	-----	-----
				Result	Result	----	----	----
EP080: BTEXN								
Benzene	71-43-2	1	µg/L	<1	<1	----	----	----
Toluene	108-88-3	2	µg/L	<2	<2	----	----	----
Ethylbenzene	100-41-4	2	µg/L	<2	<2	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	2	µg/L	<2	<2	----	----	----
ortho-Xylene	95-47-6	2	µg/L	<2	<2	----	----	----
^ Total Xylenes	----	2	µg/L	<2	<2	----	----	----
^ Sum of BTEX	----	1	µg/L	<1	<1	----	----	----
Naphthalene	91-20-3	5	µg/L	<5	<5	----	----	----
EP074S: VOC Surrogates								
1,2-Dichloroethane-D4	17060-07-0	5	%	110	122	----	----	----
Toluene-D8	2037-26-5	5	%	112	122	----	----	----
4-Bromofluorobenzene	460-00-4	5	%	104	110	----	----	----
EP080S: TPH(V)/BTEX Surrogates								
1,2-Dichloroethane-D4	17060-07-0	2	%	101	112	----	----	----
Toluene-D8	2037-26-5	2	%	96.3	104	----	----	----
4-Bromofluorobenzene	460-00-4	2	%	95.6	105	----	----	----



Surrogate Control Limits

Sub-Matrix: **WATER**

		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP074S: VOC Surrogates			
1,2-Dichloroethane-D4	17060-07-0	78	133
Toluene-D8	2037-26-5	79	129
4-Bromofluorobenzene	460-00-4	81	124
EP080S: TPH(V)/BTEX Surrogates			
1,2-Dichloroethane-D4	17060-07-0	72	143
Toluene-D8	2037-26-5	75	131
4-Bromofluorobenzene	460-00-4	73	137

PROJECT NO.: 70509	LABORATORY BATCH NO.:
PROJECT NAME: MR CHESTER	SAMPLERS: LAYMOND CHU
DATE NEEDED BY: 5 DAYS TAT	QC LEVEL: NEPM (2013)
PHONE: Sydney: 02 8245 0300 Perth: 08 9488 0100 Brisbane: 07 3112 2688	
SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) ... CBIEBY@jbsg.com.au; @ LCHU@jbsg.com.au JBSG LAB RESULTS@JBSG.COM.AU	

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

SAMPLE ID	MATRIX	DATE	TIME	TYPE & PRESERVATIVE	pH	TYPE OF ASBESTOS ANALYSIS		NOTES:
						IDENTIFICATION	NEPM/WA	
✓ FB	AIR	10/10/25		CARBON TUBE		XX		
✓ FB		13/10/25				XX		
✓ FB		10/10/25				XX		
✓ SV 201								
✓ 202								
✓ 203								
✓ 204								
✓ 205								
✓ 206								
✓ 208								
✓ 212								
✓ 213								
✓ 216								
✓ 217								
✓ 223								
✓ 225								
✓ 226A								
✓ 227								

RELINQUISHED BY:		METHOD OF SHIPMENT:		RECEIVED BY:		FOR RECEIVING LAB USE ONLY:	
NAME: LAYMOND CHU	DATE: 13/10/25	CONSIGNMENT NOTE NO.		NAME: Brennan	DATE: 13/10/25	COOLER SEAL - Yes..... No..... Intact..... Broken.....	
OF: JBS&G		TRANSPORT CO.		DATE: 13/10/25		COOLER TEMP deg C 25.6	
NAME:	DATE:	CONSIGNMENT NOTE NO.		NAME:	DATE:	COOLER SEAL - Yes..... No..... Intact..... Broken.....	
OF:		TRANSPORT CO.		OF:		COOLER TEMP deg C	

Container & Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

PAGE 2 OF CHAIN OF CUSTODY

22608



PROJECT NO.: 70509	LABORATORY BATCH NO.:
PROJECT NAME: MR CHLOSTER	SAMPLERS: LAYMOND CHU
DATE NEEDED BY:	QC LEVEL: NEPM (2013)
PHONE: Sydney: 02 8245 0300 Perth: 08 9488 0100 Brisbane: 07 3112 2688	
SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) ...@jbsg.com.au; (3) ...@jbsg.com.au	

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:						TYPE OF ASBESTOS ANALYSIS		NOTES:
						IDENTIFICATION	NEPM/NA	
SAMPLE ID	MATRIX	DATE	TIME	TYPE & PRESERVATIVE	pH			
QA20251010-1	AIR	10/10/25		CARBON TUBE		VC		
SV207		13/10/25				X X		
210								
209								
214								
215								
218								
220								
221								
222								
219								
217A								
217B								
213A								
213B								
227								
238								
236								
242								

RELINQUISHED BY:		METHOD OF SHIPMENT:		RECEIVED BY:		FOR RECEIVING LAB USE ONLY:	
NAME: LAYMOND CHU	DATE: 13/10/25	CONSIGNMENT NOTE NO.		NAME:	DATE:	COOLER SEAL - Yes..... No Intact Broken	
OF: JBS&G		TRANSPORT CO.		OF:		COOLER TEMP deg C	
NAME:	DATE:	CONSIGNMENT NOTE NO.		NAME:	DATE:	COOLER SEAL - Yes..... No Intact Broken	
OF:		TRANSPORT CO.		OF:		COOLER TEMP deg C	

Container & Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsrd.; C = Sodium Hydroxide Prsrd; VC = Hydrochloric Acid Prsrd Vial; VS = Sulfuric Acid Prsrd Vial; S = Sulfuric Acid Prsrd; Z = Zinc Prsrd; E = EDTA Prsrd; ST = Sterile Bottle; O = Other

IMSO Forms013 - Chain of Custody - Generic

PROJECT NO.: 70509					LABORATORY BATCH NO.:				
PROJECT NAME: MR CHESTER					SAMPLERS: CAYMOND CHU				
DATE NEEDED BY: 5 DAYS					QC LEVEL: NEPM (2013)				
PHONE: Sydney: 02 8245 0300 Perth: 08 9488 0100 Brisbane: 07 3112 2688									
SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) ...@jbsg.com.au; (3) ...@jbsg.com.au									
COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:									

SAMPLE ID	MATRIX	DATE	TIME	TYPE & PRESERVATIVE	pH	TYPE OF ASBESTOS ANALYSIS		NOTES:
						IDENTIFICATION	NEPM/WA	
✓ SV240 -	AIR	13/10/25		CARDON TUBE		X	X	
✓ 241 -						X	X	
✓ 235 -						X	X	
✓ 231 -						X	X	
✓ 232 -						X	X	
✓ 226 -						X	X	
✓ 229 -						X	X	
✓ 230 -						X	X	
✓ 228 -						X	X	
✓ OA20251013-1						X	X	
✓ OA20251013-2						X	X	
✓ SV241 -						X	X	
✓ SV233						X	X	

RELINQUISHED BY:		METHOD OF SHIPMENT:		RECEIVED BY:		FOR RECEIVING LAB USE ONLY:	
NAME: Caymond Chu	DATE: 13/10/25	CONSIGNMENT NOTE NO.		NAME: [Signature]	DATE: [Signature]	COOLER SEAL - Yes..... No Intact Broken	
OF: JBS&G		TRANSPORT CO.		OF:		COOLER TEMP deg C	
NAME:	DATE:	CONSIGNMENT NOTE NO.		NAME:	DATE:	COOLER SEAL - Yes..... No Intact Broken	
OF:		TRANSPORT CO.		OF:		COOLER TEMP deg C	

Container & Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsrd.; C = Sodium Hydroxide Prsrd; VC = Hydrochloric Acid Prsrd Vial; VS = Sulfuric Acid Prsrd Vial; S = Sulfuric Acid Prsrd; Z = Zinc Prsrd; E = EDTA Prsrd; ST = Sterile Bottle; O = Other

Eurofins Environment Testing Australia Pty Ltd

ABN: 50 005 085 521

Eurofins ARL Pty Ltd

ABN: 91 05 0159 898

Melbourne 6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254	Geelong 19/8 Lewalan Street Grovedale VIC 3216 +61 3 8564 5000 NATA# 1261 Site# 25403	Sydney 179 Magowar Road Girraween NSW 2145 +61 2 9900 8400 NATA# 1261 Site# 18217	Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466	Brisbane 1/21 Smallwood Place Murarrie QLD 4172 +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780	Newcastle 1/2 Frost Drive Mayfield West NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079	Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554
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Sample Receipt Advice

Company name: JBS & G Australia (NSW) P/L
Contact name: Chris Bielby
Project name: MR CHESTER
Project ID: 70509
Turnaround time: 5 Day
Date/Time received: Oct 13, 2025 3:15 PM
Eurofins reference: 1279520

Sample Information

- ✓ A detailed list of analytes logged into our LIMS, is included in the attached summary table.
- ✓ Sample Temperature of chilled sample on the batch as recorded by Eurofins Sample Receipt : 25.6 degrees Celsius.
- ✓ All samples have been received as described on the above COC.
- ✓ COC has been completed correctly.
- N/A Attempt to chill was evident.
- ✓ Appropriately preserved sample containers have been used.
- ✓ All samples were received in good condition.
- ✓ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
- ✓ Appropriate sample containers have been used.
- ✓ Sample containers for volatile analysis received with zero headspace.
- ✗ Split sample sent to requested external lab.
- ✗ Some samples have been subcontracted.
- N/A Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

Andrew Black on phone : (+61) 2 9900 8490 or by email: Andrew.Black@eurofinsanz.com

Results will be delivered electronically via email to Chris Bielby - cbielby@jbsg.com.au.

Note: A copy of these results will also be delivered to the general JBS & G Australia (NSW) P/L email address.



web: www.eurofins.com.au
email: EnviroSales@eurofinsanz.com

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Company Name:	JBS & G Australia (NSW) P/L	Order No.:		Received:	Oct 13, 2025 3:15 PM
Address:	Level 8, 179 Elizabeth St Sydney NSW 2000	Report #:	1279520	Due:	Oct 20, 2025
		Phone:	02 8245 0300	Priority:	5 Day
		Fax:		Contact Name:	Chris Bielby
Project Name:	MR CHESTER				
Project ID:	70509				
Eurofins Analytical Services Manager : Andrew Black					

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
External Laboratory								
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID			
1	EB-Front	Oct 10, 2025		Air	S25-Oc0038741		X	X
2	EB-Back	Oct 10, 2025		Air	S25-Oc0038742		X	X
3	EB-Front	Oct 13, 2025		Air	S25-Oc0038743		X	X
4	EB-Back	Oct 13, 2025		Air	S25-Oc0038744		X	X
5	SV201-Front	Oct 10, 2025		Air	S25-Oc0038745		X	X
6	SV201-Back	Oct 10, 2025		Air	S25-Oc0038746		X	X
7	SV202-Front	Oct 10, 2025		Air	S25-Oc0038747		X	X
8	SV202-Back	Oct 10, 2025		Air	S25-Oc0038748		X	X
9	SV203-Front	Oct 10, 2025		Air	S25-Oc0038749		X	X
10	SV203-Back	Oct 10, 2025		Air	S25-Oc0038750		X	X
11	SV204-Front	Oct 10, 2025		Air	S25-Oc0038751		X	X
12	SV204-Back	Oct 10, 2025		Air	S25-Oc0038752		X	X
13	SV205-Front	Oct 10, 2025		Air	S25-Oc0038753		X	X
14	SV205-Back	Oct 10, 2025		Air	S25-Oc0038754		X	X



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Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1279520
Phone: 02 8245 0300
Fax:

Received: Oct 13, 2025 3:15 PM
Due: Oct 20, 2025
Priority: 5 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
15	SV206-Front	Oct 10, 2025		Air	S25-Oc0038755		X	X
16	SV206-Back	Oct 10, 2025		Air	S25-Oc0038756		X	X
17	SV208-Front	Oct 10, 2025		Air	S25-Oc0038757		X	X
18	SV208-Back	Oct 10, 2025		Air	S25-Oc0038758		X	X
19	SV212-Front	Oct 10, 2025		Air	S25-Oc0038759		X	X
20	SV212-Back	Oct 10, 2025		Air	S25-Oc0038760		X	X
21	SV213-Front	Oct 10, 2025		Air	S25-Oc0038761		X	X
22	SV213-Back	Oct 10, 2025		Air	S25-Oc0038762		X	X
23	SV216-Front	Oct 10, 2025		Air	S25-Oc0038763		X	X
24	SV216-Back	Oct 10, 2025		Air	S25-Oc0038764		X	X
25	SV217-Front	Oct 10, 2025		Air	S25-Oc0038765		X	X
26	SV217-Back	Oct 10, 2025		Air	S25-Oc0038766		X	X
27	SV223-Front	Oct 10, 2025		Air	S25-Oc0038767		X	X
28	SV223-Back	Oct 10, 2025		Air	S25-Oc0038768		X	X
29	SV225-Front	Oct 10, 2025		Air	S25-Oc0038769		X	X
30	SV225-Back	Oct 10, 2025		Air	S25-Oc0038770		X	X
31	SV224-Front	Oct 10, 2025		Air	S25-Oc0038771		X	X



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Project ID: 70509

Order No.:
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Phone: 02 8245 0300
Fax:

Received: Oct 13, 2025 3:15 PM
Due: Oct 20, 2025
Priority: 5 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
32	SV224-Back	Oct 10, 2025		Air	S25-Oc0038772		X	X
33	SV227-Front	Oct 10, 2025		Air	S25-Oc0038773		X	X
34	SV227-Back	Oct 10, 2025		Air	S25-Oc0038774		X	X
35	QA20251010-1-Front	Oct 10, 2025		Air	S25-Oc0038775		X	X
36	QA20251010-1-Back	Oct 10, 2025		Air	S25-Oc0038776		X	X
37	SV207-Front	Oct 13, 2025		Air	S25-Oc0038777		X	X
38	SV207-Back	Oct 13, 2025		Air	S25-Oc0038778		X	X
39	SV210-Front	Oct 13, 2025		Air	S25-Oc0038779		X	X
40	SV210-Back	Oct 13, 2025		Air	S25-Oc0038780		X	X
41	SV209-Front	Oct 13, 2025		Air	S25-Oc0038781		X	X
42	SV209-Back	Oct 13, 2025		Air	S25-Oc0038782		X	X
43	SV214-Front	Oct 13, 2025		Air	S25-Oc0038783		X	X
44	SV214-Back	Oct 13, 2025		Air	S25-Oc0038784		X	X
45	SV215-Front	Oct 13, 2025		Air	S25-Oc0038785		X	X
46	SV215-Back	Oct 13, 2025		Air	S25-Oc0038786		X	X



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Project ID: 70509

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Fax:

Received: Oct 13, 2025 3:15 PM
Due: Oct 20, 2025
Priority: 5 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
47	SV218-Front	Oct 13, 2025		Air	S25-Oc0038787		X	X
48	SV218-Back	Oct 13, 2025		Air	S25-Oc0038788		X	X
49	SV220-Front	Oct 13, 2025		Air	S25-Oc0038789		X	X
50	SV220-Back	Oct 13, 2025		Air	S25-Oc0038790		X	X
51	SV221-Front	Oct 13, 2025		Air	S25-Oc0038791		X	X
52	SV221-Back	Oct 13, 2025		Air	S25-Oc0038792		X	X
53	SV222-Front	Oct 13, 2025		Air	S25-Oc0038793		X	X
54	SV222-Back	Oct 13, 2025		Air	S25-Oc0038794		X	X
55	SV219-Front	Oct 13, 2025		Air	S25-Oc0038795		X	X
56	SV219-Back	Oct 13, 2025		Air	S25-Oc0038796		X	X
57	SV217A-Front	Oct 13, 2025		Air	S25-Oc0038797		X	X
58	SV217A-Back	Oct 13, 2025		Air	S25-Oc0038798		X	X
59	SV217B-Front	Oct 13, 2025		Air	S25-Oc0038799		X	X
60	SV217B-Back	Oct 13, 2025		Air	S25-Oc0038800		X	X
61	SV213A-Front	Oct 13, 2025		Air	S25-Oc0038801		X	X
62	SV213A-Back	Oct 13, 2025		Air	S25-Oc0038802		X	X
63	SV213B-Front	Oct 13, 2025		Air	S25-Oc0038803		X	X



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Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
64	SV213B-Back	Oct 13, 2025		Air	S25-Oc0038804		X	X
65	SV237-Front	Oct 13, 2025		Air	S25-Oc0038805		X	X
66	SV237-Back	Oct 13, 2025		Air	S25-Oc0038806		X	X
67	SV238-Front	Oct 13, 2025		Air	S25-Oc0038807		X	X
68	SV238-Back	Oct 13, 2025		Air	S25-Oc0038808		X	X
69	SV236-Front	Oct 13, 2025		Air	S25-Oc0038809		X	X
70	SV236-Back	Oct 13, 2025		Air	S25-Oc0038810		X	X
71	SV242-Front	Oct 13, 2025		Air	S25-Oc0038811		X	X
72	SV242-Back	Oct 13, 2025		Air	S25-Oc0038812		X	X
73	SV240-Front	Oct 13, 2025		Air	S25-Oc0038813		X	X
74	SV240-Back	Oct 13, 2025		Air	S25-Oc0038814		X	X
75	SV241-Front	Oct 13, 2025		Air	S25-Oc0038815		X	X
76	SV241-Back	Oct 13, 2025		Air	S25-Oc0038816		X	X
77	SV235-Front	Oct 13, 2025		Air	S25-Oc0038817		X	X
78	SV235-Back	Oct 13, 2025		Air	S25-Oc0038818		X	X
79	SV231-Front	Oct 13, 2025		Air	S25-Oc0038819		X	X
80	SV231-Back	Oct 13, 2025		Air	S25-Oc0038820		X	X



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Eurofins Analytical Services Manager : Andrew Black

Sample Detail

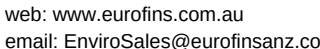
HOLD*

Isopropanol

VOCs in Ambient Air by GC/MS

Melbourne Laboratory - NATA # 1261 Site # 1254

81	SV232-Front	Oct 13, 2025		Air	S25-Oc0038821	X	X	X
82	SV232-Back	Oct 13, 2025		Air	S25-Oc0038822		X	X
83	SV226-Front	Oct 13, 2025		Air	S25-Oc0038823		X	X
84	SV226-Back	Oct 13, 2025		Air	S25-Oc0038824		X	X
85	SV229-Front	Oct 13, 2025		Air	S25-Oc0038825		X	X
86	SV229-Back	Oct 13, 2025		Air	S25-Oc0038826		X	X
87	SV230-Front	Oct 13, 2025		Air	S25-Oc0038827		X	X
88	SV230-Back	Oct 13, 2025		Air	S25-Oc0038828		X	X
89	SV228-Front	Oct 13, 2025		Air	S25-Oc0038829		X	X
90	SV228-Back	Oct 13, 2025		Air	S25-Oc0038830		X	X
91	QA20251013-1-Front	Oct 13, 2025		Air	S25-Oc0038831		X	X
92	QA20251013-1-Back	Oct 13, 2025		Air	S25-Oc0038832		X	X
93	QA20251013-2-Front	Oct 13, 2025		Air	S25-Oc0038833		X	X
94	QA20251013-2-Back	Oct 13, 2025		Air	S25-Oc0038834		X	X



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Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
95	SV211-Front	Oct 13, 2025		Air	S25-Oc0038835		X	X
96	SV211-Back	Oct 13, 2025		Air	S25-Oc0038836		X	X
97	SV233-Front	Oct 13, 2025		Air	S25-Oc0038837		X	X
98	SV233-Back	Oct 13, 2025		Air	S25-Oc0038838		X	X
99	FB-Front	Oct 10, 2025		Air	S25-Oc0038839	X		
100	FB-Back	Oct 10, 2025		Air	S25-Oc0038840	X		
101	FB-Front	Oct 13, 2025		Air	S25-Oc0038841	X		
102	FB-Back	Oct 13, 2025		Air	S25-Oc0038842	X		
Test Counts						4	98	98

JBS & G Australia (NSW) P/L
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NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025 – Testing
 NATA is a signatory to the ILAC Mutual Recognition
 Arrangement for the mutual recognition of the
 equivalence of testing, medical testing, calibration,
 inspection, proficiency testing scheme providers and
 reference materials producers reports and certificates.

Attention: **Chris Bielby**

Report **1279520-A**
 Project name **MR CHESTER**
 Project ID **70509**
 Received Date **Oct 13, 2025**

Client Sample ID			EB-Front	EB-Back	EB-Front	EB-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038741	S25- Oc0038742	S25- Oc0038743	S25- Oc0038744
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			EB-Front	EB-Back	EB-Front	EB-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038741	S25- Oc0038742	S25- Oc0038743	S25- Oc0038744
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	96	92	89	89
4-Bromofluorobenzene (surr.)	1	%	68	77	74	74
Dibromofluoromethane (surr.)	1	%	110	106	105	104
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV201-Front	SV201-Back	SV202-Front	SV202-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038745	S25- Oc0038746	S25- Oc0038747	S25- Oc0038748
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1,1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,1,1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,1,1,2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2,2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3,5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	SV201-Front Air S25- Oc0038745 Oct 10, 2025	SV201-Back Air S25- Oc0038746 Oct 10, 2025	SV202-Front Air S25- Oc0038747 Oct 10, 2025	SV202-Back Air S25- Oc0038748 Oct 10, 2025
VOCs in Ambient Air by GC/MS						
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	90	88	86	86
4-Bromofluorobenzene (surr.)	1	%	72	74	72	74
Dibromofluoromethane (surr.)	1	%	106	103	104	103
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV203-Front	SV203-Back	SV204-Front	SV204-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038749	S25- Oc0038750	S25- Oc0038751	S25- Oc0038752
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	84	86	84	85
4-Bromofluorobenzene (surr.)	1	%	71	72	72	71

Client Sample ID			SV203-Front	SV203-Back	SV204-Front	SV204-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038749	S25- Oc0038750	S25- Oc0038751	S25- Oc0038752
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Dibromofluoromethane (surr.)	1	%	103	103	104	104
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV205-Front	SV205-Back	SV206-Front	SV206-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038753	S25- Oc0038754	S25- Oc0038755	S25- Oc0038756
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	2.9	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	110	0.8	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV205-Front	SV205-Back	SV206-Front	SV206-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038753	S25- Oc0038754	S25- Oc0038755	S25- Oc0038756
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	1.9	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	94	85	83	83
4-Bromofluorobenzene (surr.)	1	%	71	72	71	70
Dibromofluoromethane (surr.)	1	%	101	106	103	103
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV208-Front	SV208-Back	SV212-Front	SV212-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038757	S25- Oc0038758	S25- Oc0038759	S25- Oc0038760
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	2.1	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	32	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	0.9	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	30	< 0.5

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	SV208-Front Air S25- Oc0038757 Oct 10, 2025	SV208-Back Air S25- Oc0038758 Oct 10, 2025	SV212-Front Air S25- Oc0038759 Oct 10, 2025	SV212-Back Air S25- Oc0038760 Oct 10, 2025
VOCs in Ambient Air by GC/MS						
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	4.9	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	3.4	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	12	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	14	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	4.4	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	6.9	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	4.0	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	1.8	< 0.5	3.1	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	82	0.6
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	2.4	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	3.1	2.0
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	120	< 1.5
Fluorobenzene (surr.)	1	%	81	81	104	90
4-Bromofluorobenzene (surr.)	1	%	68	71	101	108
Dibromofluoromethane (surr.)	1	%	102	103	104	108
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV213-Front	SV213-Back	SV216-Front	SV216-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038761	S25- Oc0038762	S25- Oc0038763	S25- Oc0038764
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	1.9	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	0.6	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	0.8	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	14	< 1.5
Fluorobenzene (surr.)	1	%	100	101	101	100
4-Bromofluorobenzene (surr.)	1	%	81	82	89	84

Client Sample ID			SV213-Front	SV213-Back	SV216-Front	SV216-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038761	S25- Oc0038762	S25- Oc0038763	S25- Oc0038764
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Dibromofluoromethane (surr.)	1	%	89	89	90	90
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV217-Front	SV217-Back	SV223-Front	SV223-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038765	S25- Oc0038766	S25- Oc0038767	S25- Oc0038768
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	180	4.0	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	95	0.6	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	25	13	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	720	5.2	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	25	< 0.5	< 0.5	< 0.5

Client Sample ID			SV217-Front	SV217-Back	SV223-Front	SV223-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038765	S25- Oc0038766	S25- Oc0038767	S25- Oc0038768
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	62	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	50	0.9	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	1.6	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	5200	35	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	96	123	101	101
4-Bromofluorobenzene (surr.)	1	%	99	89	83	83
Dibromofluoromethane (surr.)	1	%	102	102	90	89
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV225-Front	SV225-Back	SV224-Front	SV224-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038769	S25- Oc0038770	S25- Oc0038771	S25- Oc0038772
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	1.2	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	SV225-Front Air S25- Oc0038769 Oct 10, 2025	SV225-Back Air S25- Oc0038770 Oct 10, 2025	SV224-Front Air S25- Oc0038771 Oct 10, 2025	SV224-Back Air S25- Oc0038772 Oct 10, 2025
VOCs in Ambient Air by GC/MS						
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	2.1	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	1.0	< 0.5	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	99	101	99	100
4-Bromofluorobenzene (surr.)	1	%	81	83	81	82
Dibromofluoromethane (surr.)	1	%	89	90	89	89
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV227-Front	SV227-Back	QA20251010-1-Front	QA20251010-1-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038773	S25-Oc0038774	S25-Oc0038775	S25-Oc0038776
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	5.0	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	25	< 0.5	2.3	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	0.7	< 0.5	2.1	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	13	7.9
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	99	100	99	100

Client Sample ID			SV227-Front	SV227-Back	QA20251010-1-Front	QA20251010-1-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038773	S25-Oc0038774	S25-Oc0038775	S25-Oc0038776
Date Sampled			Oct 10, 2025	Oct 10, 2025	Oct 10, 2025	Oct 10, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
4-Bromofluorobenzene (surr.)	1	%	80	83	107	84
Dibromofluoromethane (surr.)	1	%	89	90	89	89
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV207-Front	SV207-Back	SV210-Front	SV210-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038777	S25-Oc0038778	S25-Oc0038779	S25-Oc0038780
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV207-Front	SV207-Back	SV210-Front	SV210-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038777	S25- Oc0038778	S25- Oc0038779	S25- Oc0038780
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	98	99	98	100
4-Bromofluorobenzene (surr.)	1	%	96	84	81	83
Dibromofluoromethane (surr.)	1	%	89	90	90	90
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV209-Front	SV209-Back	SV214-Front	SV214-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038781	S25- Oc0038782	S25- Oc0038783	S25- Oc0038784
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	0.8	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	5.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	SV209-Front Air S25- Oc0038781 Oct 13, 2025	SV209-Back Air S25- Oc0038782 Oct 13, 2025	SV214-Front Air S25- Oc0038783 Oct 13, 2025	SV214-Back Air S25- Oc0038784 Oct 13, 2025
VOCs in Ambient Air by GC/MS						
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	13	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	1.0	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	1.0	< 0.5	3.4	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	103	105	102	104
4-Bromofluorobenzene (surr.)	1	%	81	84	81	83
Dibromofluoromethane (surr.)	1	%	89	88	90	89
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV215-Front	SV215-Back	SV218-Front	SV218-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038785	S25- Oc0038786	S25- Oc0038787	S25- Oc0038788
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	0.8	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	7.8	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	102	103	101	104
4-Bromofluorobenzene (surr.)	1	%	81	83	81	83

Client Sample ID			SV215-Front	SV215-Back	SV218-Front	SV218-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038785	S25-Oc0038786	S25-Oc0038787	S25-Oc0038788
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Dibromofluoromethane (surr.)	1	%	89	89	89	89
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV220-Front	SV220-Back	SV221-Front	SV221-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038789	S25-Oc0038790	S25-Oc0038791	S25-Oc0038792
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV220-Front	SV220-Back	SV221-Front	SV221-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038789	S25- Oc0038790	S25- Oc0038791	S25- Oc0038792
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	42	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	102	104	102	103
4-Bromofluorobenzene (surr.)	1	%	81	83	81	83
Dibromofluoromethane (surr.)	1	%	89	89	89	90
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV222-Front	SV222-Back	SV219-Front	SV219-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038793	S25- Oc0038794	S25- Oc0038795	S25- Oc0038796
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	SV222-Front Air S25- Oc0038793 Oct 13, 2025	SV222-Back Air S25- Oc0038794 Oct 13, 2025	SV219-Front Air S25- Oc0038795 Oct 13, 2025	SV219-Back Air S25- Oc0038796 Oct 13, 2025
VOCs in Ambient Air by GC/MS						
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	101	103	102	103
4-Bromofluorobenzene (surr.)	1	%	81	84	82	83
Dibromofluoromethane (surr.)	1	%	89	89	89	89
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV217A-Front	SV217A-Back	SV217B-Front	SV217B-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038797	S25- Oc0038798	S25- Oc0038799	S25- Oc0038800
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	0.9	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	1.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	3.1	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	0.7	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	102	103	101	102
4-Bromofluorobenzene (surr.)	1	%	174	86	81	83

Client Sample ID			SV217A-Front	SV217A-Back	SV217B-Front	SV217B-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038797	S25-Oc0038798	S25-Oc0038799	S25-Oc0038800
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Dibromofluoromethane (surr.)	1	%	90	90	89	89
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV213A-Front	SV213A-Back	SV213B-Front	SV213B-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038801	S25-Oc0038802	S25-Oc0038803	S25-Oc0038804
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV213A-Front	SV213A-Back	SV213B-Front	SV213B-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038801	S25- Oc0038802	S25- Oc0038803	S25- Oc0038804
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	102	104	101	103
4-Bromofluorobenzene (surr.)	1	%	81	83	82	84
Dibromofluoromethane (surr.)	1	%	89	89	89	89
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV237-Front	SV237-Back	SV238-Front	SV238-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038805	S25- Oc0038806	S25- Oc0038807	S25- Oc0038808
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	SV237-Front Air S25- Oc0038805 Oct 13, 2025	SV237-Back Air S25- Oc0038806 Oct 13, 2025	SV238-Front Air S25- Oc0038807 Oct 13, 2025	SV238-Back Air S25- Oc0038808 Oct 13, 2025
VOCs in Ambient Air by GC/MS						
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	0.8	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	5.8	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	28	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	94	97	94	96
4-Bromofluorobenzene (surr.)	1	%	83	91	83	85
Dibromofluoromethane (surr.)	1	%	93	93	93	94
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV236-Front	SV236-Back	SV242-Front	SV242-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038809	S25- Oc0038810	S25- Oc0038811	S25- Oc0038812
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	3.8	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	94	95	93	95
4-Bromofluorobenzene (surr.)	1	%	83	85	83	85

Client Sample ID			SV236-Front	SV236-Back	SV242-Front	SV242-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038809	S25-Oc0038810	S25-Oc0038811	S25-Oc0038812
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Dibromofluoromethane (surr.)	1	%	94	93	93	93
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV240-Front	SV240-Back	SV241-Front	SV241-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038813	S25-Oc0038814	S25-Oc0038815	S25-Oc0038816
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV240-Front	SV240-Back	SV241-Front	SV241-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038813	S25- Oc0038814	S25- Oc0038815	S25- Oc0038816
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	94	96	94	96
4-Bromofluorobenzene (surr.)	1	%	85	85	84	85
Dibromofluoromethane (surr.)	1	%	93	94	93	94
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV235-Front	SV235-Back	SV231-Front	SV231-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038817	S25- Oc0038818	S25- Oc0038819	S25- Oc0038820
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	SV235-Front Air S25- Oc0038817 Oct 13, 2025	SV235-Back Air S25- Oc0038818 Oct 13, 2025	SV231-Front Air S25- Oc0038819 Oct 13, 2025	SV231-Back Air S25- Oc0038820 Oct 13, 2025
VOCs in Ambient Air by GC/MS						
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	0.9	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	95	95	94	95
4-Bromofluorobenzene (surr.)	1	%	129	87	84	86
Dibromofluoromethane (surr.)	1	%	93	93	94	94
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV232-Front	SV232-Back	SV226-Front	SV226-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038821	S25- Oc0038822	S25- Oc0038823	S25- Oc0038824
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	7.0	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	2.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	89	90	87	89
4-Bromofluorobenzene (surr.)	1	%	78	79	76	79

Client Sample ID			SV232-Front	SV232-Back	SV226-Front	SV226-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038821	S25- Oc0038822	S25- Oc0038823	S25- Oc0038824
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Dibromofluoromethane (surr.)	1	%	114	114	115	115
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV229-Front	SV229-Back	SV230-Front	SV230-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0038825	S25- Oc0038826	S25- Oc0038827	S25- Oc0038828
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV229-Front	SV229-Back	SV230-Front	SV230-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038825	S25-Oc0038826	S25-Oc0038827	S25-Oc0038828
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	88	88	86	87
4-Bromofluorobenzene (surr.)	1	%	77	78	76	79
Dibromofluoromethane (surr.)	1	%	116	117	114	117
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV228-Front	SV228-Back	QA20251013-1-Front	QA20251013-1-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038829	S25-Oc0038830	S25-Oc0038831	S25-Oc0038832
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV228-Front	SV228-Back	QA20251013-1-Front	QA20251013-1-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038829	S25-Oc0038830	S25-Oc0038831	S25-Oc0038832
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
1,3,5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	85	85	83	87
4-Bromofluorobenzene (surr.)	1	%	76	76	111	77
Dibromofluoromethane (surr.)	1	%	115	115	115	113
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			QA20251013-2-Front	QA20251013-2-Back	SV211-Front	SV211-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038833	S25-Oc0038834	S25-Oc0038835	S25-Oc0038836
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	94	95	99	94

Client Sample ID			QA20251013-2-Front	QA20251013-2-Back	SV211-Front	SV211-Back
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0038833	S25-Oc0038834	S25-Oc0038835	S25-Oc0038836
Date Sampled			Oct 13, 2025	Oct 13, 2025	Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
4-Bromofluorobenzene (surr.)	1	%	75	78	78	79
Dibromofluoromethane (surr.)	1	%	108	111	108	103
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV233-Front	SV233-Back
Sample Matrix			Air	Air
Eurofins Sample No.			S25-Oc0038837	S25-Oc0038838
Date Sampled			Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit		
Alcohols				
Isopropanol	10	Total ug	< 10	< 10
VOCs in Ambient Air by GC/MS				
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5

Client Sample ID			SV233-Front	SV233-Back
Sample Matrix			Air	Air
Eurofins Sample No.			S25- Oc0038837	S25- Oc0038838
Date Sampled			Oct 13, 2025	Oct 13, 2025
Test/Reference	LOR	Unit		
VOCs in Ambient Air by GC/MS				
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	102	98
4-Bromofluorobenzene (surr.)	1	%	77	80
Dibromofluoromethane (surr.)	1	%	110	110
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Alcohols	Melbourne	Oct 14, 2025	14 Days
- Method: LTM-ORG-2260 Determination of Alcohols in Water and Soil by Headspace GC-MS			
VOCs in Ambient Air by GC/MS	Melbourne	Oct 14, 2025	14 Days
- Method: LTM-ORG-2030 VOCs in Ambient Air by GC/MS			



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Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000
Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1279520
Phone: 02 8245 0300
Fax:

Received: Oct 13, 2025 3:15 PM
Due: Oct 20, 2025
Priority: 5 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
External Laboratory								
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID			
1	EB-Front	Oct 10, 2025		Air	S25-Oc0038741		X	X
2	EB-Back	Oct 10, 2025		Air	S25-Oc0038742		X	X
3	EB-Front	Oct 13, 2025		Air	S25-Oc0038743		X	X
4	EB-Back	Oct 13, 2025		Air	S25-Oc0038744		X	X
5	SV201-Front	Oct 10, 2025		Air	S25-Oc0038745		X	X
6	SV201-Back	Oct 10, 2025		Air	S25-Oc0038746		X	X
7	SV202-Front	Oct 10, 2025		Air	S25-Oc0038747		X	X
8	SV202-Back	Oct 10, 2025		Air	S25-Oc0038748		X	X
9	SV203-Front	Oct 10, 2025		Air	S25-Oc0038749		X	X
10	SV203-Back	Oct 10, 2025		Air	S25-Oc0038750		X	X
11	SV204-Front	Oct 10, 2025		Air	S25-Oc0038751		X	X
12	SV204-Back	Oct 10, 2025		Air	S25-Oc0038752		X	X
13	SV205-Front	Oct 10, 2025		Air	S25-Oc0038753		X	X
14	SV205-Back	Oct 10, 2025		Air	S25-Oc0038754		X	X



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NATA# 2377
Site# 2370 & 2554

Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1279520
Phone: 02 8245 0300
Fax:

Received: Oct 13, 2025 3:15 PM
Due: Oct 20, 2025
Priority: 5 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
15	SV206-Front	Oct 10, 2025		Air	S25-Oc0038755		X	X
16	SV206-Back	Oct 10, 2025		Air	S25-Oc0038756		X	X
17	SV208-Front	Oct 10, 2025		Air	S25-Oc0038757		X	X
18	SV208-Back	Oct 10, 2025		Air	S25-Oc0038758		X	X
19	SV212-Front	Oct 10, 2025		Air	S25-Oc0038759		X	X
20	SV212-Back	Oct 10, 2025		Air	S25-Oc0038760		X	X
21	SV213-Front	Oct 10, 2025		Air	S25-Oc0038761		X	X
22	SV213-Back	Oct 10, 2025		Air	S25-Oc0038762		X	X
23	SV216-Front	Oct 10, 2025		Air	S25-Oc0038763		X	X
24	SV216-Back	Oct 10, 2025		Air	S25-Oc0038764		X	X
25	SV217-Front	Oct 10, 2025		Air	S25-Oc0038765		X	X
26	SV217-Back	Oct 10, 2025		Air	S25-Oc0038766		X	X
27	SV223-Front	Oct 10, 2025		Air	S25-Oc0038767		X	X
28	SV223-Back	Oct 10, 2025		Air	S25-Oc0038768		X	X
29	SV225-Front	Oct 10, 2025		Air	S25-Oc0038769		X	X
30	SV225-Back	Oct 10, 2025		Air	S25-Oc0038770		X	X
31	SV224-Front	Oct 10, 2025		Air	S25-Oc0038771		X	X



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Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1279520
Phone: 02 8245 0300
Fax:

Received: Oct 13, 2025 3:15 PM
Due: Oct 20, 2025
Priority: 5 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail

HOLD*

Isopropanol

VOCs in Ambient Air by GC/MS

Melbourne Laboratory - NATA # 1261 Site # 1254

						X	X	X
32	SV224-Back	Oct 10, 2025		Air	S25-Oc0038772		X	X
33	SV227-Front	Oct 10, 2025		Air	S25-Oc0038773		X	X
34	SV227-Back	Oct 10, 2025		Air	S25-Oc0038774		X	X
35	QA20251010-1-Front	Oct 10, 2025		Air	S25-Oc0038775		X	X
36	QA20251010-1-Back	Oct 10, 2025		Air	S25-Oc0038776		X	X
37	SV207-Front	Oct 13, 2025		Air	S25-Oc0038777		X	X
38	SV207-Back	Oct 13, 2025		Air	S25-Oc0038778		X	X
39	SV210-Front	Oct 13, 2025		Air	S25-Oc0038779		X	X
40	SV210-Back	Oct 13, 2025		Air	S25-Oc0038780		X	X
41	SV209-Front	Oct 13, 2025		Air	S25-Oc0038781		X	X
42	SV209-Back	Oct 13, 2025		Air	S25-Oc0038782		X	X
43	SV214-Front	Oct 13, 2025		Air	S25-Oc0038783		X	X
44	SV214-Back	Oct 13, 2025		Air	S25-Oc0038784		X	X
45	SV215-Front	Oct 13, 2025		Air	S25-Oc0038785		X	X
46	SV215-Back	Oct 13, 2025		Air	S25-Oc0038786		X	X



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Sample Detail

HOLD*

Isopropanol

VOCs in Ambient Air by GC/MS

Melbourne Laboratory - NATA # 1261 Site # 1254

						X	X	X
47	SV218-Front	Oct 13, 2025		Air	S25-Oc0038787		X	X
48	SV218-Back	Oct 13, 2025		Air	S25-Oc0038788		X	X
49	SV220-Front	Oct 13, 2025		Air	S25-Oc0038789		X	X
50	SV220-Back	Oct 13, 2025		Air	S25-Oc0038790		X	X
51	SV221-Front	Oct 13, 2025		Air	S25-Oc0038791		X	X
52	SV221-Back	Oct 13, 2025		Air	S25-Oc0038792		X	X
53	SV222-Front	Oct 13, 2025		Air	S25-Oc0038793		X	X
54	SV222-Back	Oct 13, 2025		Air	S25-Oc0038794		X	X
55	SV219-Front	Oct 13, 2025		Air	S25-Oc0038795		X	X
56	SV219-Back	Oct 13, 2025		Air	S25-Oc0038796		X	X
57	SV217A-Front	Oct 13, 2025		Air	S25-Oc0038797		X	X
58	SV217A-Back	Oct 13, 2025		Air	S25-Oc0038798		X	X
59	SV217B-Front	Oct 13, 2025		Air	S25-Oc0038799		X	X
60	SV217B-Back	Oct 13, 2025		Air	S25-Oc0038800		X	X
61	SV213A-Front	Oct 13, 2025		Air	S25-Oc0038801		X	X
62	SV213A-Back	Oct 13, 2025		Air	S25-Oc0038802		X	X
63	SV213B-Front	Oct 13, 2025		Air	S25-Oc0038803		X	X



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Eurofins Analytical Services Manager : Andrew Black

Sample Detail

HOLD*

Isopropanol

VOCs in Ambient Air by GC/MS

Melbourne Laboratory - NATA # 1261 Site # 1254

						X	X	X
64	SV213B-Back	Oct 13, 2025		Air	S25-Oc0038804		X	X
65	SV237-Front	Oct 13, 2025		Air	S25-Oc0038805		X	X
66	SV237-Back	Oct 13, 2025		Air	S25-Oc0038806		X	X
67	SV238-Front	Oct 13, 2025		Air	S25-Oc0038807		X	X
68	SV238-Back	Oct 13, 2025		Air	S25-Oc0038808		X	X
69	SV236-Front	Oct 13, 2025		Air	S25-Oc0038809		X	X
70	SV236-Back	Oct 13, 2025		Air	S25-Oc0038810		X	X
71	SV242-Front	Oct 13, 2025		Air	S25-Oc0038811		X	X
72	SV242-Back	Oct 13, 2025		Air	S25-Oc0038812		X	X
73	SV240-Front	Oct 13, 2025		Air	S25-Oc0038813		X	X
74	SV240-Back	Oct 13, 2025		Air	S25-Oc0038814		X	X
75	SV241-Front	Oct 13, 2025		Air	S25-Oc0038815		X	X
76	SV241-Back	Oct 13, 2025		Air	S25-Oc0038816		X	X
77	SV235-Front	Oct 13, 2025		Air	S25-Oc0038817		X	X
78	SV235-Back	Oct 13, 2025		Air	S25-Oc0038818		X	X
79	SV231-Front	Oct 13, 2025		Air	S25-Oc0038819		X	X
80	SV231-Back	Oct 13, 2025		Air	S25-Oc0038820		X	X

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Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
81	SV232-Front	Oct 13, 2025		Air	S25-Oc0038821		X	X
82	SV232-Back	Oct 13, 2025		Air	S25-Oc0038822		X	X
83	SV226-Front	Oct 13, 2025		Air	S25-Oc0038823		X	X
84	SV226-Back	Oct 13, 2025		Air	S25-Oc0038824		X	X
85	SV229-Front	Oct 13, 2025		Air	S25-Oc0038825		X	X
86	SV229-Back	Oct 13, 2025		Air	S25-Oc0038826		X	X
87	SV230-Front	Oct 13, 2025		Air	S25-Oc0038827		X	X
88	SV230-Back	Oct 13, 2025		Air	S25-Oc0038828		X	X
89	SV228-Front	Oct 13, 2025		Air	S25-Oc0038829		X	X
90	SV228-Back	Oct 13, 2025		Air	S25-Oc0038830		X	X
91	QA20251013-1-Front	Oct 13, 2025		Air	S25-Oc0038831		X	X
92	QA20251013-1-Back	Oct 13, 2025		Air	S25-Oc0038832		X	X
93	QA20251013-2-Front	Oct 13, 2025		Air	S25-Oc0038833		X	X
94	QA20251013-2-Back	Oct 13, 2025		Air	S25-Oc0038834		X	X



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Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
95	SV211-Front	Oct 13, 2025		Air	S25-Oc0038835		X	X
96	SV211-Back	Oct 13, 2025		Air	S25-Oc0038836		X	X
97	SV233-Front	Oct 13, 2025		Air	S25-Oc0038837		X	X
98	SV233-Back	Oct 13, 2025		Air	S25-Oc0038838		X	X
99	FB-Front	Oct 10, 2025		Air	S25-Oc0038839	X		
100	FB-Back	Oct 10, 2025		Air	S25-Oc0038840	X		
101	FB-Front	Oct 13, 2025		Air	S25-Oc0038841	X		
102	FB-Back	Oct 13, 2025		Air	S25-Oc0038842	X		
Test Counts						4	98	98

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	mg/L: milligrams per litre	ppm: parts per million
µg/L: micrograms per litre	ppb: parts per billion	%: Percentage
org/100 mL: Organisms per 100 millilitres	NTU: Nephelometric Turbidity Units	MPN/100 mL: Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	Colour: Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (<i>bis</i> -tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	81			70-130	Pass	
1.1-Dichloropropene	%	99			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	88			75-125	Pass	
1.2-Dichloroethane	%	85			70-130	Pass	
Benzene	%	104			70-130	Pass	
Ethylbenzene	%	103			70-130	Pass	
Naphthalene	%	90			70-130	Pass	
Toluene	%	121			70-130	Pass	
Trichloroethene	%	122			70-130	Pass	
Xylenes - Total*	%	114			70-130	Pass	
1.2.3-Trichlorobenzene	%	97			70-130	Pass	
1.2.4-Trichlorobenzene	%	90			70-130	Pass	
1.4-Dichlorobenzene	%	98			70-130	Pass	
LCS - % Recovery							
Alcohols							
Isopropanol	%	81			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	101			70-130	Pass	
1.1-Dichloropropene	%	106			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	98			75-125	Pass	
1.2-Dichloroethane	%	98			70-130	Pass	
Benzene	%	108			70-130	Pass	
Ethylbenzene	%	105			70-130	Pass	
Naphthalene	%	99			70-130	Pass	
Toluene	%	116			70-130	Pass	
Trichloroethene	%	117			70-130	Pass	
Xylenes - Total*	%	108			70-130	Pass	
1.2-Dichlorobenzene	%	124			70-130	Pass	
1.2.3-Trichlorobenzene	%	98			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4-Trichlorobenzene	%	93			70-130	Pass	
1.4-Dichlorobenzene	%	105			70-130	Pass	
LCS - % Recovery							
Alcohols							
Isopropanol	%	76			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	85			70-130	Pass	
1.1-Dichloropropene	%	94			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	96			75-125	Pass	
1.2-Dichloroethane	%	96			70-130	Pass	
Benzene	%	86			70-130	Pass	
Ethylbenzene	%	107			70-130	Pass	
Naphthalene	%	100			70-130	Pass	
Toluene	%	108			70-130	Pass	
Trichloroethene	%	123			70-130	Pass	
Xylenes - Total*	%	110			70-130	Pass	
1.2-Dichlorobenzene	%	101			70-130	Pass	
1.2.3-Trichlorobenzene	%	105			70-130	Pass	
1.2.4-Trichlorobenzene	%	101			70-130	Pass	
1.4-Dichlorobenzene	%	93			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	96			70-130	Pass	
1.1-Dichloropropene	%	90			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	94			75-125	Pass	
1.2-Dichloroethane	%	84			70-130	Pass	
Benzene	%	88			70-130	Pass	
Ethylbenzene	%	106			70-130	Pass	
Naphthalene	%	98			70-130	Pass	
Toluene	%	114			70-130	Pass	
Trichloroethene	%	125			70-130	Pass	
Xylenes - Total*	%	119			70-130	Pass	
1.2-Dichlorobenzene	%	112			70-130	Pass	
1.2.3-Trichlorobenzene	%	108			70-130	Pass	
1.2.4-Trichlorobenzene	%	101			70-130	Pass	
1.4-Dichlorobenzene	%	112			70-130	Pass	
LCS - % Recovery							
Alcohols							
Isopropanol	%	82			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	76			70-130	Pass	
1.1-Dichloropropene	%	86			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	88			75-125	Pass	
1.2-Dichloroethane	%	85			70-130	Pass	
Benzene	%	86			70-130	Pass	
Ethylbenzene	%	88			70-130	Pass	
Toluene	%	121			70-130	Pass	
Trichloroethene	%	81			70-130	Pass	
Xylenes - Total*	%	91			70-130	Pass	
1.2-Dichlorobenzene	%	92			70-130	Pass	
1.4-Dichlorobenzene	%	103			70-130	Pass	
LCS - % Recovery							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Alcohols							
Isopropanol	%	78			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	76			70-130	Pass	
1.1-Dichloropropene	%	88			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	83			75-125	Pass	
1.2-Dichloroethane	%	84			70-130	Pass	
Benzene	%	88			70-130	Pass	
Ethylbenzene	%	94			70-130	Pass	
Toluene	%	120			70-130	Pass	
Trichloroethene	%	84			70-130	Pass	
Xylenes - Total*	%	95			70-130	Pass	
1.2-Dichlorobenzene	%	89			70-130	Pass	
1.4-Dichlorobenzene	%	100			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	84			70-130	Pass	
1.1-Dichloropropene	%	95			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	123			75-125	Pass	
1.2-Dichloroethane	%	87			70-130	Pass	
Benzene	%	98			70-130	Pass	
Ethylbenzene	%	94			70-130	Pass	
Naphthalene	%	125			70-130	Pass	
Toluene	%	101			70-130	Pass	
Trichloroethene	%	100			70-130	Pass	
Xylenes - Total*	%	91			70-130	Pass	
1.2-Dichlorobenzene	%	114			70-130	Pass	
1.2.3-Trichlorobenzene	%	125			70-130	Pass	
1.2.4-Trichlorobenzene	%	118			70-130	Pass	
1.4-Dichlorobenzene	%	95			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	83			70-130	Pass	
1.1-Dichloropropene	%	96			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	85			75-125	Pass	
1.2-Dichloroethane	%	88			70-130	Pass	
Benzene	%	97			70-130	Pass	
Ethylbenzene	%	95			70-130	Pass	
Naphthalene	%	89			70-130	Pass	
Toluene	%	99			70-130	Pass	
Trichloroethene	%	97			70-130	Pass	
1.2-Dichlorobenzene	%	113			70-130	Pass	
1.2.3-Trichlorobenzene	%	87			70-130	Pass	
1.2.4-Trichlorobenzene	%	85			70-130	Pass	
1.4-Dichlorobenzene	%	85			70-130	Pass	
LCS - % Recovery							
Alcohols							
Isopropanol	%	107			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	113			70-130	Pass	
1.1-Dichloropropene	%	125			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	85			75-125	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichloroethane	%	85			70-130	Pass	
Benzene	%	115			70-130	Pass	
Ethylbenzene	%	95			70-130	Pass	
Naphthalene	%	89			70-130	Pass	
Toluene	%	96			70-130	Pass	
Trichloroethene	%	109			70-130	Pass	
Xylenes - Total*	%	92			70-130	Pass	
1.2-Dichlorobenzene	%	112			70-130	Pass	
1.2.3-Trichlorobenzene	%	93			70-130	Pass	
1.2.4-Trichlorobenzene	%	90			70-130	Pass	
1.4-Dichlorobenzene	%	124			70-130	Pass	

Comments
Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	N/A
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

Andrew Black	Analytical Services Manager
Joseph Edouard	Senior Analyst-Organic
Joseph Edouard	Senior Analyst-Volatile



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please [click here](#).

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EUROFINS

1 of 1

CHAIN OF CUSTODY

22610



PROJECT NO.: 70309						LABORATORY BATCH NO.:																																					
PROJECT NAME: MR CHESTER						SAMPLERS: LAYMOND CHU																																					
DATE NEEDED BY: 5 DAYS CAT						QC LEVEL: NEPM (2013)																																					
PHONE: Sydney: 02 8245 0300 Perth: 08 9488 0100 Brisbane: 07 3112 2688																																											
SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2)@jbsg.com.au; (3)@jbsg.com.au JBSG LAB RESULTS@JBSG.COM.AU																																											
COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:																																											
<table border="1"> <thead> <tr> <th>SAMPLE ID</th> <th>MATRIX</th> <th>DATE</th> <th>TIME</th> <th>TYPE & PRESERVATIVE</th> <th>pH</th> </tr> </thead> <tbody> <tr> <td>SU234</td> <td>AIR</td> <td>14/10/25</td> <td></td> <td>CARBON TUBE</td> <td></td> </tr> <tr> <td>EB</td> <td>↓</td> <td>↓</td> <td></td> <td>↓</td> <td></td> </tr> <tr> <td>FB</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						SAMPLE ID	MATRIX	DATE	TIME	TYPE & PRESERVATIVE	pH	SU234	AIR	14/10/25		CARBON TUBE		EB	↓	↓		↓		FB						<table border="1"> <thead> <tr> <th colspan="2">TYPE OF ASBESTOS ANALYSIS</th> <th rowspan="2">NOTES:</th> </tr> <tr> <th>IDENTIFICATION</th> <th>NEPM/WA</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>						TYPE OF ASBESTOS ANALYSIS		NOTES:	IDENTIFICATION	NEPM/WA			
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IDENTIFICATION	NEPM/WA																																										
RELINQUISHED BY:						METHOD OF SHIPMENT:																																					
NAME: LAYMOND CHU DATE: 14/10/25						NAME: JESSICA DATE: 14/10/25 5:23PM																																					
OF: JBS&G						OF: 14/10/25 5:23PM																																					
NAME: DATE:						NAME: DATE:																																					
OF:						OF:																																					
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FOR RECEIVING LAB USE ONLY:						FOR RECEIVING LAB USE ONLY:																																					
COOLER SEAL - Yes..... No Intact Broken						COOLER SEAL - Yes..... No Intact Broken																																					
COOLER TEMP deg C						COOLER TEMP deg C																																					
COOLER SEAL - Yes..... No Intact Broken						COOLER SEAL - Yes..... No Intact Broken																																					
COOLER TEMP deg C						COOLER TEMP deg C																																					

Container & Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

#1279655

Eurofins Environment Testing Australia Pty Ltd

ABN: 50 005 085 521

Melbourne
6 Monterey Road
Dandenong South
VIC 3175
+61 3 8564 5000
NATA# 1261
Site# 1254

Geelong
19/8 Lewalan Street
Grovedale
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NATA# 1261
Site# 25403

Sydney
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NATA# 1261
Site# 18217

Canberra
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Mitchell
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NATA# 1261
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Brisbane
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QLD 4172
+61 7 3902 4600
NATA# 1261
Site# 20794 & 2780

Newcastle
1/2 Frost Drive
Mayfield West
NSW 2304
+61 2 4968 8448
NATA# 1261
Site# 25079

Eurofins ARL Pty Ltd

ABN: 91 05 0159 898

Perth
46-48 Banksia Road
Welshpool
WA 6106
+61 8 6253 4444
NATA# 2377
Site# 2370 & 2554

Sample Receipt Advice

Company name: JBS & G Australia (NSW) P/L
Contact name: Chris Bielby
Project name: MR CHESTER
Project ID: 70509
Turnaround time: 5 Day
Date/Time received: Oct 14, 2025 5:23 PM
Eurofins reference: 1279655

Sample Information

- ✓ A detailed list of analytes logged into our LIMS, is included in the attached summary table.
- ✓ All samples have been received as described on the above COC.
- ✓ COC has been completed correctly.
- N/A Attempt to chill was evident.
- ✓ Appropriately preserved sample containers have been used.
- ✓ All samples were received in good condition.
- ✓ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
- ✓ Appropriate sample containers have been used.
- N/A Sample containers for volatile analysis received with zero headspace.
- ✗ Split sample sent to requested external lab.
- ✗ Some samples have been subcontracted.
- N/A Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

Andrew Black on phone : (+61) 2 9900 8490 or by email: Andrew.Black@eurofinsanz.com

Results will be delivered electronically via email to Chris Bielby - cbielby@jbsg.com.au.

Note: A copy of these results will also be delivered to the general JBS & G Australia (NSW) P/L email address.



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web: www.eurofins.com.au

email: EnviroSales@eurofinsanz.com

Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1279655
Phone: 02 8245 0300
Fax:

Received: Oct 14, 2025 5:23 PM
Due: Oct 21, 2025
Priority: 5 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail

Isopropanol

VOCs in Ambient Air by GC/MS

Melbourne Laboratory - NATA # 1261 Site # 1254

External Laboratory

No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID		
1	SV234 FRONT	Oct 14, 2025		Air	S25-Oc0040101	X	X
2	SV234 BACK	Oct 14, 2025		Air	S25-Oc0040102	X	X
3	EB FRONT	Oct 14, 2025		Air	S25-Oc0040103	X	X
4	EB BACK	Oct 14, 2025		Air	S25-Oc0040104	X	X
5	FB FRONT	Oct 14, 2025		Air	S25-Oc0040105	X	X
6	FB BACK	Oct 14, 2025		Air	S25-Oc0040106	X	X
Test Counts						6	6

JBS & G Australia (NSW) P/L
Level 8, 179 Elizabeth St
Sydney
NSW 2000



NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025 – Testing
 NATA is a signatory to the ILAC Mutual Recognition
 Arrangement for the mutual recognition of the
 equivalence of testing, medical testing, calibration,
 inspection, proficiency testing scheme providers and
 reference materials producers reports and certificates.

Attention: **Chris Bielby**

Report **1279655-A**
Project name **MR CHESTER**
Project ID **70509**
Received Date **Oct 14, 2025**

Client Sample ID			SV234 FRONT	SV234 BACK	EB FRONT	EB BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0040101	S25- Oc0040102	S25- Oc0040103	S25- Oc0040104
Date Sampled			Oct 14, 2025	Oct 14, 2025	Oct 14, 2025	Oct 14, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV234 FRONT	SV234 BACK	EB FRONT	EB BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0040101	S25- Oc0040102	S25- Oc0040103	S25- Oc0040104
Date Sampled			Oct 14, 2025	Oct 14, 2025	Oct 14, 2025	Oct 14, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	95	98	99	99
4-Bromofluorobenzene (surr.)	1	%	86	81	77	78
Dibromofluoromethane (surr.)	1	%	107	105	109	110
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			FB FRONT	FB BACK
Sample Matrix			Air	Air
Eurofins Sample No.			S25- Oc0040105	S25- Oc0040106
Date Sampled			Oct 14, 2025	Oct 14, 2025
Test/Reference	LOR	Unit		
Alcohols				
Isopropanol	10	Total ug	< 10	< 10
VOCs in Ambient Air by GC/MS				
1,1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5
1,1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5
1,1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5
1,1,1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5
1,1,1,2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5
1,1,2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5
1,1,2,2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5
1,2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5
1,2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5
1,2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5
1,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5
1,2,3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5
1,2,4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5
1,3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5
1,3,5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5
2,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5

Client Sample ID			FB FRONT	FB BACK
Sample Matrix			Air	Air
Eurofins Sample No.			S25- Oc0040105	S25- Oc0040106
Date Sampled			Oct 14, 2025	Oct 14, 2025
Test/Reference	LOR	Unit		
VOCs in Ambient Air by GC/MS				
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	99	101
4-Bromofluorobenzene (surr.)	1	%	77	78
Dibromofluoromethane (surr.)	1	%	112	111
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Alcohols	Melbourne	Oct 14, 2025	14 Days
- Method: LTM-ORG-2260 Determination of Alcohols in Water and Soil by Headspace GC-MS			
VOCs in Ambient Air by GC/MS	Melbourne	Oct 14, 2025	14 Days
- Method: LTM-ORG-2030 VOCs in Ambient Air by GC/MS			



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Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000
Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1279655
Phone: 02 8245 0300
Fax:

Received: Oct 14, 2025 5:23 PM
Due: Oct 21, 2025
Priority: 5 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X
External Laboratory							
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID		
1	SV234 FRONT	Oct 14, 2025		Air	S25-Oc0040101	X	X
2	SV234 BACK	Oct 14, 2025		Air	S25-Oc0040102	X	X
3	EB FRONT	Oct 14, 2025		Air	S25-Oc0040103	X	X
4	EB BACK	Oct 14, 2025		Air	S25-Oc0040104	X	X
5	FB FRONT	Oct 14, 2025		Air	S25-Oc0040105	X	X
6	FB BACK	Oct 14, 2025		Air	S25-Oc0040106	X	X
Test Counts						6	6

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	mg/L: milligrams per litre	ppm: parts per million
µg/L: micrograms per litre	ppb: parts per billion	%: Percentage
org/100 mL: Organisms per 100 millilitres	NTU: Nephelometric Turbidity Units	MPN/100 mL: Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	Colour: Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (<i>bis</i> -tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
LCS - % Recovery							
Alcohols							
Isopropanol	%	76			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	113			70-130	Pass	
1.1-Dichloropropene	%	125			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	85			75-125	Pass	
1.2-Dichloroethane	%	85			70-130	Pass	
Benzene	%	115			70-130	Pass	
Ethylbenzene	%	95			70-130	Pass	
Naphthalene	%	89			70-130	Pass	
Toluene	%	96			70-130	Pass	
Trichloroethene	%	109			70-130	Pass	
Xylenes - Total*	%	92			70-130	Pass	
1.2-Dichlorobenzene	%	112			70-130	Pass	
1.2.3-Trichlorobenzene	%	93			70-130	Pass	
1.2.4-Trichlorobenzene	%	90			70-130	Pass	
1.4-Dichlorobenzene	%	124			70-130	Pass	

Comments
Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	N/A
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	N/A
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

Andrew Black	Analytical Services Manager
Joseph Edouard	Senior Analyst-Organic
Joseph Edouard	Senior Analyst-Volatile



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please [click here](#).

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

EUROFINS 1 OF 1

CHAIN OF CUSTODY

22620



PROJECT NO.: 70509					LABORATORY BATCH NO.:																					
PROJECT NAME: MR CHESTER					SAMPLERS: LAYMOND CHU ; HEATHER																					
DATE NEEDED BY: 3 DAY TAT					QC LEVEL: NEPM (2013)																					
PHONE: Sydney: 02 8245 0300 Perth: 08 9488 0100 Brisbane: 07 3112 2688																										
SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) CRICBY@jbsg.com.au; (3) LCHU@jbsg.com.au																										
COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:																										
SAMPLE ID					MATRIX		DATE		TIME		TYPE & PRESERVATIVE		pH		VOC 8260		ISOPROPA NO		TYPE OF ASBESTOS ANALYSIS		IDENTIFICATION		NEPM/WA		NOTES:	
EB					AIR		21/10/25				CARBON TUBE				X		X									
FB																										
SV 243															X		X									
244																										
245																										
246																										
247																										
248																										
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252																										
253																										
254																										
255																										
256																										

Eurofins Environment Testing Australia Pty Ltd

ABN: 50 005 085 521

Eurofins ARL Pty Ltd

ABN: 91 05 0159 898

Melbourne 6 Monterey Road Dandenong South VIC 3175 +61 3 8564 5000 NATA# 1261 Site# 1254	Geelong 19/8 Lewalan Street Grovedale VIC 3216 +61 3 8564 5000 NATA# 1261 Site# 25403	Sydney 179 Magowar Road Girraween NSW 2145 +61 2 9900 8400 NATA# 1261 Site# 18217	Canberra Unit 1,2 Dacre Street Mitchell ACT 2911 +61 2 6113 8091 NATA# 1261 Site# 25466	Brisbane 1/21 Smallwood Place Murarrie QLD 4172 +61 7 3902 4600 NATA# 1261 Site# 20794 & 2780	Newcastle 1/2 Frost Drive Mayfield West NSW 2304 +61 2 4968 8448 NATA# 1261 Site# 25079	Perth 46-48 Banksia Road Welshpool WA 6106 +61 8 6253 4444 NATA# 2377 Site# 2370 & 2554
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Sample Receipt Advice

Company name: JBS & G Australia (NSW) P/L
Contact name: Chris Bielby
Project name: MR CHESTER
Project ID: 70509
Turnaround time: 3 Day
Date/Time received: Oct 21, 2025 3:40 PM
Eurofins reference: 1282362

Sample Information

- ✓ A detailed list of analytes logged into our LIMS, is included in the attached summary table.
- ✓ All samples have been received as described on the above COC.
- ✓ COC has been completed correctly.
- N/A Attempt to chill was evident.
- ✓ Appropriately preserved sample containers have been used.
- ✓ All samples were received in good condition.
- ✓ Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times.
- ✓ Appropriate sample containers have been used.
- ✓ Sample containers for volatile analysis received with zero headspace.
- ✗ Split sample sent to requested external lab.
- ✗ Some samples have been subcontracted.
- N/A Custody Seals intact (if used).

Notes

Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

Andrew Black on phone : (+61) 2 9900 8490 or by email: Andrew.Black@eurofinsanz.com

Results will be delivered electronically via email to Chris Bielby - cbielby@jbsg.com.au.

Note: A copy of these results will also be delivered to the general JBS & G Australia (NSW) P/L email address.



web: www.eurofins.com.au

email: EnviroSales@eurofinsanz.com

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NATA# 1261
Site# 25079

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+61 8 6253 4444
NATA# 2377
Site# 2370 & 2554

Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1282362
Phone: 02 8245 0300
Fax:

Received: Oct 21, 2025 3:40 PM
Due: Oct 24, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
External Laboratory								
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID			
1	SV243-FRONT	Oct 21, 2025		Air	S25-Oc0061468		X	X
2	SV243-BACK	Oct 21, 2025		Air	S25-Oc0061469		X	X
3	SV244-FRONT	Oct 21, 2025		Air	S25-Oc0061470		X	X
4	SV244-BACK	Oct 21, 2025		Air	S25-Oc0061471		X	X
5	SV245-FRONT	Oct 21, 2025		Air	S25-Oc0061472		X	X
6	SV245-BACK	Oct 21, 2025		Air	S25-Oc0061473		X	X
7	SV246-FRONT	Oct 21, 2025		Air	S25-Oc0061474		X	X
8	SV246-BACK	Oct 21, 2025		Air	S25-Oc0061475		X	X
9	SV247-FRONT	Oct 21, 2025		Air	S25-Oc0061476		X	X
10	SV247-BACK	Oct 21, 2025		Air	S25-Oc0061477		X	X
11	SV248-	Oct 21, 2025		Air	S25-Oc0061478		X	X



Eurofins Environment Testing Australia Pty Ltd

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NATA# 1261
Site# 25466

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Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000

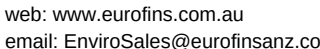
Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1282362
Phone: 02 8245 0300
Fax:

Received: Oct 21, 2025 3:40 PM
Due: Oct 24, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
	FRONT							
12	SV248-BACK	Oct 21, 2025		Air	S25-Oc0061479		X	X
13	SV249-FRONT	Oct 21, 2025		Air	S25-Oc0061480		X	X
14	SV249-BACK	Oct 21, 2025		Air	S25-Oc0061481		X	X
15	SV250-FRONT	Oct 21, 2025		Air	S25-Oc0061482		X	X
16	SV250-BACK	Oct 21, 2025		Air	S25-Oc0061483		X	X
17	SV251-FRONT	Oct 21, 2025		Air	S25-Oc0061484		X	X
18	SV251-BACK	Oct 21, 2025		Air	S25-Oc0061485		X	X
19	SV252-FRONT	Oct 21, 2025		Air	S25-Oc0061486		X	X
20	SV252-BACK	Oct 21, 2025		Air	S25-Oc0061487		X	X
21	SV253-FRONT	Oct 21, 2025		Air	S25-Oc0061488		X	X
22	SV253-BACK	Oct 21, 2025		Air	S25-Oc0061489		X	X
23	SV254-FRONT	Oct 21, 2025		Air	S25-Oc0061490		X	X



ABN: 50 005 085 521

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Sydney
NSW 2000

Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1282362
Phone: 02 8245 0300
Fax:

Received: Oct 21, 2025 3:40 PM
Due: Oct 24, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
24	SV254-BACK	Oct 21, 2025		Air	S25-Oc0061491		X	X
25	SV255-FRONT	Oct 21, 2025		Air	S25-Oc0061492		X	X
26	SV255-BACK	Oct 21, 2025		Air	S25-Oc0061493		X	X
27	SV256-FRONT	Oct 21, 2025		Air	S25-Oc0061494		X	X
28	SV256-BACK	Oct 21, 2025		Air	S25-Oc0061495		X	X
29	EB-FRONT	Oct 21, 2025		Air	S25-Oc0061726		X	X
30	EB-BACK	Oct 21, 2025		Air	S25-Oc0061727		X	X
31	FB-FRONT	Oct 21, 2025		Air	S25-Oc0061728	X		
32	FB-BACK	Oct 21, 2025		Air	S25-Oc0061729	X		
Test Counts						2	30	30

JBS & G Australia (NSW) P/L
Level 8, 179 Elizabeth St
Sydney
NSW 2000



NATA Accredited
Accreditation Number 1261
Site Number 1254

Accredited for compliance with ISO/IEC 17025 – Testing
 NATA is a signatory to the ILAC Mutual Recognition
 Arrangement for the mutual recognition of the
 equivalence of testing, medical testing, calibration,
 inspection, proficiency testing scheme providers and
 reference materials producers reports and certificates.

Attention: **Chris Bielby**

Report **1282362-A**
 Project name **MR CHESTER**
 Project ID **70509**
 Received Date **Oct 21, 2025**

Client Sample ID			SV243-FRONT	SV243-BACK	SV244-FRONT	SV244-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061468	S25- Oc0061469	S25- Oc0061470	S25- Oc0061471
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV243-FRONT	SV243-BACK	SV244-FRONT	SV244-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0061468	S25-Oc0061469	S25-Oc0061470	S25-Oc0061471
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	85	82	83	81
4-Bromofluorobenzene (surr.)	1	%	85	81	82	81
Dibromofluoromethane (surr.)	1	%	109	109	109	109
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV245-FRONT	SV245-BACK	SV246-FRONT	SV246-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25-Oc0061472	S25-Oc0061473	S25-Oc0061474	S25-Oc0061475
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	750	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV245-FRONT	SV245-BACK	SV246-FRONT	SV246-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061472	S25- Oc0061473	S25- Oc0061474	S25- Oc0061475
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	81	81	80	81
4-Bromofluorobenzene (surr.)	1	%	80	82	80	79
Dibromofluoromethane (surr.)	1	%	108	107	107	108
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV247-FRONT	SV247-BACK	SV248-FRONT	SV248-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061476	S25- Oc0061477	S25- Oc0061478	S25- Oc0061479
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	80	77	79	78
4-Bromofluorobenzene (surr.)	1	%	79	75	77	75

Client Sample ID			SV247-FRONT	SV247-BACK	SV248-FRONT	SV248-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061476	S25- Oc0061477	S25- Oc0061478	S25- Oc0061479
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Dibromofluoromethane (surr.)	1	%	107	107	107	108
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV249-FRONT	SV249-BACK	SV250-FRONT	SV250-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061480	S25- Oc0061481	S25- Oc0061482	S25- Oc0061483
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	1.2	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	3.2	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	11	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV249-FRONT	SV249-BACK	SV250-FRONT	SV250-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061480	S25- Oc0061481	S25- Oc0061482	S25- Oc0061483
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	1400	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	4.1	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	67	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	78	79	80	76
4-Bromofluorobenzene (surr.)	1	%	74	79	79	76
Dibromofluoromethane (surr.)	1	%	108	107	107	106
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV251-FRONT	SV251-BACK	SV252-FRONT	SV252-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061484	S25- Oc0061485	S25- Oc0061486	S25- Oc0061487
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	3.9	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	SV251-FRONT Air S25- Oc0061484 Oct 21, 2025	SV251-BACK Air S25- Oc0061485 Oct 21, 2025	SV252-FRONT Air S25- Oc0061486 Oct 21, 2025	SV252-BACK Air S25- Oc0061487 Oct 21, 2025
VOCs in Ambient Air by GC/MS						
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	740	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	190	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	38	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	83	78	77	74
4-Bromofluorobenzene (surr.)	1	%	71	77	77	72
Dibromofluoromethane (surr.)	1	%	108	109	107	105
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV253-FRONT	SV253-BACK	SV254-FRONT	SV254-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061488	S25- Oc0061489	S25- Oc0061490	S25- Oc0061491
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	5.2	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	0.7	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	0.6	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	1500	3.2	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	870	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	930	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	87	86	85	83
4-Bromofluorobenzene (surr.)	1	%	74	79	81	77

Client Sample ID			SV253-FRONT	SV253-BACK	SV254-FRONT	SV254-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061488	S25- Oc0061489	S25- Oc0061490	S25- Oc0061491
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
Dibromofluoromethane (surr.)	1	%	117	114	114	115
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV255-FRONT	SV255-BACK	SV256-FRONT	SV256-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061492	S25- Oc0061493	S25- Oc0061494	S25- Oc0061495
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
Alcohols						
Isopropanol	10	Total ug	< 10	< 10	< 10	< 10
VOCs in Ambient Air by GC/MS						
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
2.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
cis-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			SV255-FRONT	SV255-BACK	SV256-FRONT	SV256-BACK
Sample Matrix			Air	Air	Air	Air
Eurofins Sample No.			S25- Oc0061492	S25- Oc0061493	S25- Oc0061494	S25- Oc0061495
Date Sampled			Oct 21, 2025	Oct 21, 2025	Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit				
VOCs in Ambient Air by GC/MS						
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
trans-1.3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	86	83	84	81
4-Bromofluorobenzene (surr.)	1	%	80	79	81	79
Dibromofluoromethane (surr.)	1	%	117	116	114	115
1.2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.2.4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
1.4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			EB-FRONT	EB-BACK
Sample Matrix			Air	Air
Eurofins Sample No.			S25- Oc0061726	S25- Oc0061727
Date Sampled			Oct 21, 2025	Oct 21, 2025
Test/Reference	LOR	Unit		
Alcohols				
Isopropanol	10	Total ug	< 10	< 10
VOCs in Ambient Air by GC/MS				
1.1-Dichloroethane	0.5	Total ug	< 0.5	< 0.5
1.1-Dichloroethene	0.5	Total ug	< 0.5	< 0.5
1.1-Dichloropropene	0.5	Total ug	< 0.5	< 0.5
1.1.1-Trichloroethane	0.5	Total ug	< 0.5	< 0.5
1.1.1.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5
1.1.2-Trichloroethane	0.5	Total ug	< 0.5	< 0.5
1.1.2.2-Tetrachloroethane	0.5	Total ug	< 0.5	< 0.5
1.2-Dibromo-3-chloropropane	0.5	Total ug	< 0.5	< 0.5
1.2-Dibromoethane	0.5	Total ug	< 0.5	< 0.5
1.2-Dichloroethane	0.5	Total ug	< 0.5	< 0.5
1.2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5
1.2.3-Trichloropropane	0.5	Total ug	< 0.5	< 0.5
1.2.4-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5
1.3-Dichloropropane	0.5	Total ug	< 0.5	< 0.5
1.3.5-Trimethylbenzene	0.5	Total ug	< 0.5	< 0.5

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	EB-FRONT Air S25- Oc0061726 Oct 21, 2025	EB-BACK Air S25- Oc0061727 Oct 21, 2025
VOCs in Ambient Air by GC/MS				
2-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5
2,2-Dichloropropane	0.5	Total ug	< 0.5	< 0.5
4-Chlorotoluene	0.5	Total ug	< 0.5	< 0.5
Benzene	0.5	Total ug	< 0.5	< 0.5
Bromochloromethane	0.5	Total ug	< 0.5	< 0.5
Bromodichloromethane	0.5	Total ug	< 0.5	< 0.5
Bromoform	0.5	Total ug	< 0.5	< 0.5
Carbon Tetrachloride	0.5	Total ug	< 0.5	< 0.5
Chlorobenzene	0.5	Total ug	< 0.5	< 0.5
Chloroform	0.5	Total ug	< 0.5	< 0.5
cis-1,2-Dichloroethene	0.5	Total ug	< 0.5	< 0.5
cis-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5
Dibromochloromethane	0.5	Total ug	< 0.5	< 0.5
Dibromomethane	0.5	Total ug	< 0.5	< 0.5
Ethylbenzene	0.5	Total ug	< 0.5	< 0.5
Isopropyl benzene (Cumene)	0.5	Total ug	< 0.5	< 0.5
n-Butylbenzene	0.5	Total ug	< 0.5	< 0.5
n-Propylbenzene	0.5	Total ug	< 0.5	< 0.5
Naphthalene	0.5	Total ug	< 0.5	< 0.5
p-Isopropyltoluene	0.5	Total ug	< 0.5	< 0.5
sec-Butylbenzene	0.5	Total ug	< 0.5	< 0.5
Styrene	5	Total ug	< 5	< 5
tert-Butylbenzene	0.5	Total ug	< 0.5	< 0.5
Tetrachloroethene	0.5	Total ug	< 0.5	< 0.5
Toluene	0.5	Total ug	< 0.5	< 0.5
trans-1,3-Dichloropropene	0.5	Total ug	< 0.5	< 0.5
Trichloroethene	0.5	Total ug	< 0.5	< 0.5
Trichlorofluoromethane	0.5	Total ug	< 0.5	< 0.5
Vinyl chloride	0.5	Total ug	< 0.5	< 0.5
Xylenes - Total*	1.5	Total ug	< 1.5	< 1.5
Fluorobenzene (surr.)	1	%	84	83
4-Bromofluorobenzene (surr.)	1	%	81	78
Dibromofluoromethane (surr.)	1	%	115	117
1,2-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1,2,3-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1,3-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5
1,4-Dichlorobenzene	0.5	Total ug	< 0.5	< 0.5
Hexachlorobutadiene	0.5	Total ug	< 0.5	< 0.5

Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

Description	Testing Site	Extracted	Holding Time
Alcohols	Melbourne	Oct 21, 2025	14 Days
- Method: LTM-ORG-2260 Determination of Alcohols in Water and Soil by Headspace GC-MS			
VOCs in Ambient Air by GC/MS	Melbourne	Oct 21, 2025	14 Days
- Method: LTM-ORG-2030 VOCs in Ambient Air by GC/MS			



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Company Name:	JBS & G Australia (NSW) P/L	Order No.:		Received:	Oct 21, 2025 3:40 PM
Address:	Level 8, 179 Elizabeth St Sydney NSW 2000	Report #:	1282362	Due:	Oct 24, 2025
		Phone:	02 8245 0300	Priority:	3 Day
		Fax:		Contact Name:	Chris Bielby
Project Name:	MR CHESTER				
Project ID:	70509				
Eurofins Analytical Services Manager : Andrew Black					

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
External Laboratory								
No	Sample ID	Sample Date	Sampling Time	Matrix	LAB ID			
1	SV243-FRONT	Oct 21, 2025		Air	S25-Oc0061468		X	X
2	SV243-BACK	Oct 21, 2025		Air	S25-Oc0061469		X	X
3	SV244-FRONT	Oct 21, 2025		Air	S25-Oc0061470		X	X
4	SV244-BACK	Oct 21, 2025		Air	S25-Oc0061471		X	X
5	SV245-FRONT	Oct 21, 2025		Air	S25-Oc0061472		X	X
6	SV245-BACK	Oct 21, 2025		Air	S25-Oc0061473		X	X
7	SV246-FRONT	Oct 21, 2025		Air	S25-Oc0061474		X	X
8	SV246-BACK	Oct 21, 2025		Air	S25-Oc0061475		X	X
9	SV247-FRONT	Oct 21, 2025		Air	S25-Oc0061476		X	X
10	SV247-BACK	Oct 21, 2025		Air	S25-Oc0061477		X	X
11	SV248-	Oct 21, 2025		Air	S25-Oc0061478		X	X

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Site# 2370 & 2554

Company Name: JBS & G Australia (NSW) P/L
Address: Level 8, 179 Elizabeth St
Sydney
NSW 2000
Project Name: MR CHESTER
Project ID: 70509

Order No.:
Report #: 1282362
Phone: 02 8245 0300
Fax:

Received: Oct 21, 2025 3:40 PM
Due: Oct 24, 2025
Priority: 3 Day
Contact Name: Chris Bielby

Eurofins Analytical Services Manager : Andrew Black

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
	FRONT							
12	SV248-BACK	Oct 21, 2025		Air	S25-Oc0061479		X	X
13	SV249-FRONT	Oct 21, 2025		Air	S25-Oc0061480		X	X
14	SV249-BACK	Oct 21, 2025		Air	S25-Oc0061481		X	X
15	SV250-FRONT	Oct 21, 2025		Air	S25-Oc0061482		X	X
16	SV250-BACK	Oct 21, 2025		Air	S25-Oc0061483		X	X
17	SV251-FRONT	Oct 21, 2025		Air	S25-Oc0061484		X	X
18	SV251-BACK	Oct 21, 2025		Air	S25-Oc0061485		X	X
19	SV252-FRONT	Oct 21, 2025		Air	S25-Oc0061486		X	X
20	SV252-BACK	Oct 21, 2025		Air	S25-Oc0061487		X	X
21	SV253-FRONT	Oct 21, 2025		Air	S25-Oc0061488		X	X
22	SV253-BACK	Oct 21, 2025		Air	S25-Oc0061489		X	X
23	SV254-FRONT	Oct 21, 2025		Air	S25-Oc0061490		X	X



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Company Name:	JBS & G Australia (NSW) P/L	Order No.:		Received:	Oct 21, 2025 3:40 PM
Address:	Level 8, 179 Elizabeth St Sydney NSW 2000	Report #:	1282362	Due:	Oct 24, 2025
		Phone:	02 8245 0300	Priority:	3 Day
		Fax:		Contact Name:	Chris Bielby
Project Name:	MR CHESTER				
Project ID:	70509				
Eurofins Analytical Services Manager : Andrew Black					

Sample Detail						HOLD*	Isopropanol	VOCs in Ambient Air by GC/MS
Melbourne Laboratory - NATA # 1261 Site # 1254						X	X	X
24	SV254-BACK	Oct 21, 2025		Air	S25-Oc0061491		X	X
25	SV255-FRONT	Oct 21, 2025		Air	S25-Oc0061492		X	X
26	SV255-BACK	Oct 21, 2025		Air	S25-Oc0061493		X	X
27	SV256-FRONT	Oct 21, 2025		Air	S25-Oc0061494		X	X
28	SV256-BACK	Oct 21, 2025		Air	S25-Oc0061495		X	X
29	EB-FRONT	Oct 21, 2025		Air	S25-Oc0061726		X	X
30	EB-BACK	Oct 21, 2025		Air	S25-Oc0061727		X	X
31	FB-FRONT	Oct 21, 2025		Air	S25-Oc0061728	X		
32	FB-BACK	Oct 21, 2025		Air	S25-Oc0061729	X		
Test Counts						2	30	30

Internal Quality Control Review and Glossary

General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

Units

mg/kg: milligrams per kilogram	mg/L: milligrams per litre	ppm: parts per million
µg/L: micrograms per litre	ppb: parts per billion	%: Percentage
org/100 mL: Organisms per 100 millilitres	NTU: Nephelometric Turbidity Units	MPN/100 mL: Most Probable Number of organisms per 100 millilitres
CFU: Colony Forming Unit	Colour: Pt-Co Units (CU)	

Terms

APHA	American Public Health Association
CEC	Cation Exchange Capacity
COC	Chain of Custody
CP	Client Parent - QC was performed on samples pertaining to this report
CRM	Certified Reference Material (ISO17034) - reported as percent recovery.
Dry	Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis.
Duplicate	A second piece of analysis from the same sample and reported in the same units as the result to show comparison.
LOR	Limit of Reporting.
LCS	Laboratory Control Sample - reported as percent recovery.
Method Blank	In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water.
NCP	Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within.
RPD	Relative Percent Difference between two Duplicate pieces of analysis.
SPIKE	Addition of the analyte to the sample and reported as percentage recovery.
SRA	Sample Receipt Advice
Surr - Surrogate	The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria.
TBTO	Tributyltin oxide (<i>bis</i> -tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits.
TCLP	Toxicity Characteristic Leaching Procedure
TEQ	Toxic Equivalency Quotient or Total Equivalence
QSM	US Department of Defense Quality Systems Manual Version 6.0
US EPA	United States Environmental Protection Agency
WA DWER	Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA

QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

Results <10 times the LOR:	No Limit
Results between 10-20 times the LOR:	RPD must lie between 0-50%
Results >20 times the LOR:	RPD must lie between 0-30%

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time. Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

Quality Control Results

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
Method Blank							
Alcohols							
Isopropanol	Total ug	< 10			10	Pass	
Method Blank							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.1-Dichloroethene	Total ug	< 0.5			0.5	Pass	
1.1-Dichloropropene	Total ug	< 0.5			0.5	Pass	
1.1.1-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.1.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2-Trichloroethane	Total ug	< 0.5			0.5	Pass	
1.1.2.2-Tetrachloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromo-3-chloropropane	Total ug	< 0.5			0.5	Pass	
1.2-Dibromoethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloroethane	Total ug	< 0.5			0.5	Pass	
1.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichloropropane	Total ug	< 0.5			0.5	Pass	
1.2.4-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichloropropane	Total ug	< 0.5			0.5	Pass	
1.3.5-Trimethylbenzene	Total ug	< 0.5			0.5	Pass	
2-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
2.2-Dichloropropane	Total ug	< 0.5			0.5	Pass	
4-Chlorotoluene	Total ug	< 0.5			0.5	Pass	
Benzene	Total ug	< 0.5			0.5	Pass	
Bromochloromethane	Total ug	< 0.5			0.5	Pass	
Bromodichloromethane	Total ug	< 0.5			0.5	Pass	
Bromoform	Total ug	< 0.5			0.5	Pass	
Carbon Tetrachloride	Total ug	< 0.5			0.5	Pass	
Chlorobenzene	Total ug	< 0.5			0.5	Pass	
Chloroform	Total ug	< 0.5			0.5	Pass	
cis-1.2-Dichloroethene	Total ug	< 0.5			0.5	Pass	
cis-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Dibromochloromethane	Total ug	< 0.5			0.5	Pass	
Dibromomethane	Total ug	< 0.5			0.5	Pass	
Ethylbenzene	Total ug	< 0.5			0.5	Pass	
Isopropyl benzene (Cumene)	Total ug	< 0.5			0.5	Pass	
n-Butylbenzene	Total ug	< 0.5			0.5	Pass	
n-Propylbenzene	Total ug	< 0.5			0.5	Pass	
Naphthalene	Total ug	< 0.5			0.5	Pass	
p-Isopropyltoluene	Total ug	< 0.5			0.5	Pass	
sec-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Styrene	Total ug	< 5			5	Pass	
tert-Butylbenzene	Total ug	< 0.5			0.5	Pass	
Tetrachloroethene	Total ug	< 0.5			0.5	Pass	
Toluene	Total ug	< 0.5			0.5	Pass	
trans-1.3-Dichloropropene	Total ug	< 0.5			0.5	Pass	
Trichloroethene	Total ug	< 0.5			0.5	Pass	
Trichlorofluoromethane	Total ug	< 0.5			0.5	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Vinyl chloride	Total ug	< 0.5			0.5	Pass	
Xylenes - Total*	Total ug	< 1.5			1.5	Pass	
1.2-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.3-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.2.4-Trichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.3-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
1.4-Dichlorobenzene	Total ug	< 0.5			0.5	Pass	
Hexachlorobutadiene	Total ug	< 0.5			0.5	Pass	
LCS - % Recovery							
Alcohols							
Isopropanol	%	124			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	84			70-130	Pass	
1.1-Dichloropropene	%	86			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	85			75-125	Pass	
1.2-Dichloroethane	%	89			70-130	Pass	
Benzene	%	92			70-130	Pass	
Ethylbenzene	%	84			70-130	Pass	
Naphthalene	%	87			70-130	Pass	
Toluene	%	79			70-130	Pass	
Trichloroethene	%	84			70-130	Pass	
Xylenes - Total*	%	78			70-130	Pass	
1.2-Dichlorobenzene	%	90			70-130	Pass	
1.2.3-Trichlorobenzene	%	80			70-130	Pass	
1.2.4-Trichlorobenzene	%	88			70-130	Pass	
1.4-Dichlorobenzene	%	75			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	80			70-130	Pass	
1.1-Dichloropropene	%	80			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	88			75-125	Pass	
1.2-Dichloroethane	%	109			70-130	Pass	
Benzene	%	87			70-130	Pass	
Ethylbenzene	%	105			70-130	Pass	
Naphthalene	%	89			70-130	Pass	
Toluene	%	81			70-130	Pass	
Trichloroethene	%	83			70-130	Pass	
Xylenes - Total*	%	81			70-130	Pass	
1.2-Dichlorobenzene	%	90			70-130	Pass	
1.2.3-Trichlorobenzene	%	99			70-130	Pass	
1.2.4-Trichlorobenzene	%	88			70-130	Pass	
1.4-Dichlorobenzene	%	76			70-130	Pass	
LCS - % Recovery							
Alcohols							
Isopropanol	%	112			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	81			70-130	Pass	
1.1-Dichloropropene	%	78			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	89			75-125	Pass	
1.2-Dichloroethane	%	108			70-130	Pass	
Benzene	%	82			70-130	Pass	
Ethylbenzene	%	103			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Naphthalene	%	96			70-130	Pass	
Toluene	%	79			70-130	Pass	
Trichloroethene	%	112			70-130	Pass	
Xylenes - Total*	%	79			70-130	Pass	
1.2-Dichlorobenzene	%	85			70-130	Pass	
1.2.3-Trichlorobenzene	%	103			70-130	Pass	
1.2.4-Trichlorobenzene	%	92			70-130	Pass	
1.4-Dichlorobenzene	%	76			70-130	Pass	
LCS - % Recovery							
VOCs in Ambient Air by GC/MS							
1.1-Dichloroethene	%	81			70-130	Pass	
1.1-Dichloropropene	%	78			70-130	Pass	
1.2-Dibromo-3-chloropropane	%	89			75-125	Pass	
1.2-Dichloroethane	%	108			70-130	Pass	
Benzene	%	82			70-130	Pass	
Ethylbenzene	%	103			70-130	Pass	
Naphthalene	%	96			70-130	Pass	
Toluene	%	79			70-130	Pass	
Trichloroethene	%	112			70-130	Pass	
Xylenes - Total*	%	79			70-130	Pass	
1.2-Dichlorobenzene	%	85			70-130	Pass	
1.2.3-Trichlorobenzene	%	103			70-130	Pass	
1.2.4-Trichlorobenzene	%	92			70-130	Pass	
1.4-Dichlorobenzene	%	76			70-130	Pass	

Comments
Sample Integrity

Custody Seals Intact (if used)	N/A
Attempt to Chill was evident	N/A
Sample correctly preserved	Yes
Appropriate sample containers have been used	Yes
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	Yes
Some samples have been subcontracted	No

Authorised by:

Andrew Black	Analytical Services Manager
Edward Lee	Senior Analyst-Organic
Joseph Edouard	Senior Analyst-Organic
Joseph Edouard	Senior Analyst-Volatile



Glenn Jackson
Managing Director

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please [click here](#).

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1 OF 1

22611



K3

[illegible]

IMSO FormsO13 - Chain of Custody - Generic

IMSO Forms 013 - Chain of Custody - Generic
Rec: IR of ALS Newcastle K3
15.10.25 @ 17:00



SAMPLE RECEIPT NOTIFICATION (SRN)

Work Order : **EN2517630**

Client : **JBS&G AUSTRALIA PTY LTD**
Contact : **CHRISTOPHER BIELBY**
Address : **Level 8 179 ELIZABETH STREET
SYDNEY NSW, AUSTRALIA 2000**

E-mail : **cbielby@jbsg.com.au**
Telephone : **----**
Facsimile : **----**

Project : **70509 MR CHESTER**
Order number : **-**

C-O-C number : **----**
Site : **----**
Sampler : **LAYMOND CHU**

Laboratory : **Environmental Division Newcastle**
Contact : **Graeme Jablonskas**
Address : **5/585 Maitland Road Mayfield West
NSW Australia 2304**

E-mail : **graeme.jablonskas@alsglobal.com**
Telephone : **+6138549 9609**
Facsimile : **+61 2 4967 7382**

Page : **1 of 3**
Quote number : **EP2025JBSENV0001 (EN/000 Custom
Quote)**
QC Level : **NEPM 2013 B3 & ALS QC Standard**

Dates

Date Samples Received : **15-Oct-2025 17:00**
Client Requested Due : **22-Oct-2025**
Date

Issue Date : **17-Oct-2025**
Scheduled Reporting Date : **22-Oct-2025**

Delivery Details

Mode of Delivery : **Carrier**
No. of coolers/boxes : **----**
Receipt Detail :

Security Seal : **Not Available**
Temperature : **22.1**
No. of samples received / analysed : **3 / 3**

General Comments

- This report contains the following information:
 - Sample Container(s)/Preservation Non-Compliances
 - Summary of Sample(s) and Requested Analysis
 - Proactive Holding Time Report
 - Requested Deliverables
- Please be aware that APHA/NEPM recommends water and soil samples be chilled to less than or equal to 6°C for chemical analysis, and less than or equal to 10°C but unfrozen for Microbiological analysis. Where samples are received above this temperature, it should be taken into consideration when interpreting results. Refer to ALS EnviroMail 85 for ALS recommendations of the best practice for chilling samples after sampling and for maintaining a cool temperature during transit.
- **Please refer to the Proactive Holding Time Report table below which summarises breaches of recommended holding times that have occurred prior to samples/instructions being received at the laboratory. The laboratory will process these samples unless instructions are received from you indicating you do not wish to proceed. The absence of this summary table indicates that all samples have been received within the recommended holding times for the analysis requested.**
- Sample Disposal - Aqueous Chemistry (3 weeks), Aqueous Microbiological (1 week), Solid (2 months ± 1 week) from receipt of samples.



Sample Container(s)/Preservation Non-Compliances

All comparisons are made against pretreatment/preservation AS, APHA, USEPA standards.

- No sample container / preservation non-compliance exists.

Summary of Sample(s) and Requested Analysis

Some items described below may be part of a laboratory process necessary for the execution of client requested tasks. Packages may contain additional analyses, such as the determination of moisture content and preparation tasks, that are included in the package.

If no sampling time is provided, the sampling time will default 00:00 on the date of sampling. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component

Matrix: AIR

Laboratory sample ID	Sampling date / time	Sample ID	AIR - EP091X-T2 Extended VOC List (68 Analytes) - 2 Section
EN2517630-001	10-Oct-2025 00:00	QC20251010-1	
EN2517630-002	13-Oct-2025 00:00	QC20251013-1	
EN2517630-003	14-Oct-2025 00:00	QC20251014-1	

Proactive Holding Time Report

Sample(s) have been received within the recommended holding times for the requested analysis.



Requested Deliverables

ACCOUNTS PAYABLE

- *AU Certificate of Analysis - NATA (COA)	Email	adminnsw@jbsg.com.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	adminnsw@jbsg.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	adminnsw@jbsg.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	adminnsw@jbsg.com.au
- A4 - AU Tax Invoice (INV)	Email	adminnsw@jbsg.com.au
- Chain of Custody (CoC) (COC)	Email	adminnsw@jbsg.com.au
- EDI Format - ENMRG (ENMRG)	Email	adminnsw@jbsg.com.au
- EDI Format - ESDAT (ESDAT)	Email	adminnsw@jbsg.com.au
- EDI Format - XTab (XTAB)	Email	adminnsw@jbsg.com.au

CHRISTOPHER BIELBY

- *AU Certificate of Analysis - NATA (COA)	Email	cbielby@jbsg.com.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	cbielby@jbsg.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	cbielby@jbsg.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	cbielby@jbsg.com.au
- A4 - AU Tax Invoice (INV)	Email	cbielby@jbsg.com.au
- Chain of Custody (CoC) (COC)	Email	cbielby@jbsg.com.au
- EDI Format - ENMRG (ENMRG)	Email	cbielby@jbsg.com.au
- EDI Format - ESDAT (ESDAT)	Email	cbielby@jbsg.com.au
- EDI Format - XTab (XTAB)	Email	cbielby@jbsg.com.au

ESDAT LABSYNC RESULTS

- *AU Certificate of Analysis - NATA (COA)	Email	jbsglabresults@jbsg.com.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	jbsglabresults@jbsg.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	jbsglabresults@jbsg.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	jbsglabresults@jbsg.com.au
- A4 - AU Tax Invoice (INV)	Email	jbsglabresults@jbsg.com.au
- Chain of Custody (CoC) (COC)	Email	jbsglabresults@jbsg.com.au
- EDI Format - ENMRG (ENMRG)	Email	jbsglabresults@jbsg.com.au
- EDI Format - ESDAT (ESDAT)	Email	jbsglabresults@jbsg.com.au
- EDI Format - XTab (XTAB)	Email	jbsglabresults@jbsg.com.au

LAYMOND CHU

- *AU Certificate of Analysis - NATA (COA)	Email	lchu@jbsg.com.au
- *AU Interpretive QC Report - DEFAULT (Anon QCI Rep) (QCI)	Email	lchu@jbsg.com.au
- *AU QC Report - DEFAULT (Anon QC Rep) - NATA (QC)	Email	lchu@jbsg.com.au
- A4 - AU Sample Receipt Notification - Environmental HT (SRN)	Email	lchu@jbsg.com.au
- A4 - AU Tax Invoice (INV)	Email	lchu@jbsg.com.au
- Chain of Custody (CoC) (COC)	Email	lchu@jbsg.com.au
- EDI Format - ENMRG (ENMRG)	Email	lchu@jbsg.com.au
- EDI Format - ESDAT (ESDAT)	Email	lchu@jbsg.com.au
- EDI Format - XTab (XTAB)	Email	lchu@jbsg.com.au



QUALITY CONTROL REPORT

Work Order : **EN2517630**

Page : 1 of 5

Client : **JBS&G AUSTRALIA PTY LTD**
Contact : **CHRISTOPHER BIELBY**
Address : **Level 8 179 ELIZABETH STREET
SYDNEY NSW, AUSTRALIA 2000**
Telephone : ----
Project : **70509 MR CHESTER**
Order number : -
C-O-C number : ----
Sampler : **LAYMOND CHU**
Site : ----
Quote number : **EN/000 Custom Quote**
No. of samples received : **3**
No. of samples analysed : **3**

Laboratory : **Environmental Division Newcastle**
Contact : **Graeme Jablonskas**
Address : **5/585 Maitland Road Mayfield West NSW Australia 2304**
Telephone : **+6138549 9609**
Date Samples Received : **15-Oct-2025**
Date Analysis Commenced : **17-Oct-2025**
Issue Date : **23-Oct-2025**



This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Daniel Juneke	Senior Organic Chemist	Newcastle - Organics, Mayfield West, NSW



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key :
Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
RPD = Relative Percentage Difference
= Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

- **No Laboratory Duplicate (DUP) Results are required to be reported.**



Method Blank (MB) and Laboratory Control Sample (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: AIR				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: Compound	CAS Number	LOR	Unit	Result				
EP091A: Aliphatic Hydrocarbons (Section 1) (QCLot: 6937963)								
1-heptene	592-76-7	0.5	µg	<0.5	5 µg	105	70.2	115
Heptane	142-82-5	0.5	µg	<0.5	5 µg	101	75.2	109
Decane	124-18-5	0.5	µg	<0.5	5 µg	101	69.8	120
n-Hexane	110-54-3	0.5	µg	<0.5	5 µg	97.1	66.4	112
Cyclohexane	110-82-7	0.5	µg	<0.5	5 µg	99.2	66.5	114
Isooctane	540-84-1	0.5	µg	<0.5	5 µg	101	72.0	116
n-Octane	111-65-9	0.5	µg	<0.5	5 µg	101	76.2	111
n-Nonane	111-84-2	0.5	µg	<0.5	5 µg	91.6	73.3	118
EP091B: Monocyclic Aromatic Hydrocarbons (Section 1) (QCLot: 6937963)								
Benzene	71-43-2	0.5	µg	<0.5	5 µg	96.2	74.5	108
Toluene	108-88-3	0.5	µg	<0.5	5 µg	98.0	73.9	111
Ethylbenzene	100-41-4	0.5	µg	<0.5	5 µg	99.8	72.5	112
meta- & para-Xylene	108-38-3 106-42-3	1	µg	<1.0	10 µg	99.3	70.9	112
Styrene	100-42-5	0.5	µg	<0.5	5 µg	42.1	23.8	70.2
ortho-Xylene	95-47-6	0.5	µg	<0.5	5 µg	96.3	67.4	109
1,3,5-Trimethylbenzene	108-67-8	0.5	µg	<0.5	5 µg	92.8	68.3	114
1,2,4-Trimethylbenzene	95-63-6	0.5	µg	<0.5	5 µg	90.3	66.3	112
n-Butylbenzene	104-51-8	0.5	µg	<0.5	5 µg	91.7	70.9	115
Isopropylbenzene	98-82-8	0.5	µg	<0.5	5 µg	104	72.9	116
n-Propylbenzene	103-65-1	0.5	µg	<0.5	5 µg	101	69.9	115
tert-Butylbenzene	98-06-6	0.5	µg	<0.5	5 µg	104	69.3	116
sec-Butylbenzene	135-98-8	0.5	µg	<0.5	5 µg	109	71.1	118
p-Isopropyltoluene	99-87-6	0.5	µg	<0.5	5 µg	93.4	69.6	115
EP091C: Oxygenated Compounds (Section 1) (QCLot: 6937963)								
2-Propanone (Acetone)	67-64-1	1	µg	<1.0	5 µg	127	25.1	138
2-Butanone (MEK)	78-93-3	0.5	µg	<0.5	5 µg	108	51.0	118
4-Methyl-2-pentanone (MIBK)	108-10-1	0.5	µg	<0.5	5 µg	99.9	65.6	110
2-Hexanone (MBK)	591-78-6	0.5	µg	<0.5	5 µg	95.2	58.3	122
EP091D: Halogenated Compounds (Section 1) (QCLot: 6937963)								
1,1-Dichloroethane	75-34-3	0.5	µg	<0.5	5 µg	92.3	65.4	119



Sub-Matrix: **AIR**

Sub-Matrix: AIR				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: Compound	CAS Number	LOR	Unit	Result				
EP091D: Halogenated Compounds (Section 1) (QCLot: 6937963) - continued								
Chloroform	67-66-3	0.5	µg	<0.5	5 µg	95.8	71.8	114
Trichloroethene	79-01-6	0.5	µg	<0.5	5 µg	93.8	78.0	110
Chlorobenzene	108-90-7	0.5	µg	<0.5	5 µg	94.4	71.0	110
2-Chlorotoluene	95-49-8	0.5	µg	<0.5	5 µg	92.7	65.0	109
4-Chlorotoluene	106-43-4	0.5	µg	<0.5	5 µg	94.0	66.8	108
1.3-Dichlorobenzene	541-73-1	0.5	µg	<0.5	5 µg	89.0	67.8	106
1.4-Dichlorobenzene	106-46-7	0.5	µg	<0.5	5 µg	88.2	65.8	103
1.2-Dichlorobenzene	95-50-1	0.5	µg	<0.5	5 µg	84.2	63.4	101
Hexachlorobutadiene	87-68-3	0.5	µg	<0.5	5 µg	89.4	56.6	138
trans-1.2-Dichloroethene	156-60-5	0.5	µg	<0.5	5 µg	96.3	74.6	129
cis-1.2-Dichloroethene	156-59-2	0.5	µg	<0.5	5 µg	94.6	69.4	114
Bromochloromethane	74-97-5	0.5	µg	<0.5	5 µg	94.0	75.6	111
2.2-Dichloropropane	594-20-7	0.5	µg	<0.5	5 µg	96.4	66.8	112
1.2-Dichloroethane	107-06-2	0.5	µg	<0.5	5 µg	95.4	69.5	114
1.1.1-Trichloroethane	71-55-6	0.5	µg	<0.5	5 µg	97.4	74.4	111
1.1-Dichloropropene	563-58-6	0.5	µg	<0.5	5 µg	95.5	71.9	111
Carbon Tetrachloride	56-23-5	0.5	µg	<0.5	5 µg	96.9	73.1	113
Dibromomethane	74-95-3	0.5	µg	<0.5	5 µg	96.2	74.0	112
1.2-Dichloropropane	78-87-5	0.5	µg	<0.5	5 µg	95.9	72.3	120
Bromodichloromethane	75-27-4	0.5	µg	<0.5	5 µg	98.4	75.9	116
cis-1.3-Dichloropropylene	10061-01-5	0.5	µg	<0.5	5 µg	99.7	67.4	106
trans-1.3-Dichloropropene	10061-02-6	0.5	µg	<0.5	5 µg	90.1	62.8	114
1.1.2-Trichloroethane	79-00-5	0.5	µg	<0.5	5 µg	93.9	71.7	125
1.3-Dichloropropane	142-28-9	0.5	µg	<0.5	5 µg	95.8	72.2	120
Dibromochloromethane	124-48-1	0.5	µg	<0.5	5 µg	95.1	72.8	124
1.2-Dibromoethane (EDB)	106-93-4	0.5	µg	<0.5	5 µg	92.4	70.7	120
Tetrachloroethene	127-18-4	0.5	µg	<0.5	5 µg	93.8	68.0	121
1.1.1.2-Tetrachloroethane	630-20-6	0.5	µg	<0.5	5 µg	92.8	69.8	123
Bromoform	75-25-2	0.5	µg	<0.5	5 µg	88.3	71.8	128
1.1.2.2-Tetrachloroethane	79-34-5	0.5	µg	<0.5	5 µg	91.4	69.2	126
1.2.3-Trichloropropane	96-18-4	0.5	µg	<0.5	5 µg	93.8	70.7	120
Bromobenzene	108-86-1	0.5	µg	<0.5	5 µg	92.6	67.0	110
1.2-Dibromo-3-chloropropane	96-12-8	0.5	µg	<0.5	5 µg	87.2	62.9	135
1.2.4-Trichlorobenzene	120-82-1	0.5	µg	<0.5	5 µg	74.2	53.2	99.0



Sub-Matrix: AIR				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: Compound	CAS Number	LOR	Unit	Result				
EP091D: Halogenated Compounds (Section 1) (QCLot: 6937963) - continued								
1.2.3-Trichlorobenzene	87-61-6	0.5	µg	<0.5	5 µg	67.1	48.0	94.6
EP091E: Polycyclic Aromatic Hydrocarbons (Section 1) (QCLot: 6937963)								
EP091-S1: Naphthalene	91-20-3	0.5	µg	<0.5	5 µg	25.6	15.6	37.3
EP091X: VOCs in Air - Extended List (non-NATA) (Section 1) (QCLot: 6937963)								
EP091-S1: Vinyl chloride	75-01-4	2	µg	<2.0	----	----	----	----
EP091-S1: Bromomethane	74-83-9	2	µg	<2.0	----	----	----	----
EP091-S1: Trichlorofluoromethane	75-69-4	1	µg	<1.0	----	----	----	----

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

- No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.



QA/QC Compliance Assessment to assist with Quality Review

Work Order	: EN2517630	Page	: 1 of 6
Client	: JBS&G AUSTRALIA PTY LTD	Laboratory	: Environmental Division Newcastle
Contact	: CHRISTOPHER BIELBY	Telephone	: +6138549 9609
Project	: 70509 MR CHESTER	Date Samples Received	: 15-Oct-2025
Site	: ----	Issue Date	: 23-Oct-2025
Sampler	: LAYMOND CHU	No. of samples received	: 3
Order number	: -	No. of samples analysed	: 3

This report is automatically generated by the ALS LIMS through interpretation of the ALS Quality Control Report and several Quality Assurance parameters measured by ALS. This automated reporting highlights any non-conformances, facilitates faster and more accurate data validation and is designed to assist internal expert and external Auditor review. Many components of this report contribute to the overall DQO assessment and reporting for guideline compliance.

Brief method summaries and references are also provided to assist in traceability.

Summary of Outliers

Outliers : Quality Control Samples

This report highlights outliers flagged in the Quality Control (QC) Report.

- **NO** Method Blank value outliers occur.
- **NO** Duplicate outliers occur.
- **NO** Laboratory Control outliers occur.
- **NO** Matrix Spike outliers occur.
- For all regular sample matrices, where applicable to the methodology, **NO** surrogate recovery outliers occur.

Outliers : Analysis Holding Time Compliance

- **NO** Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

- **NO** Quality Control Sample Frequency Outliers exist.



Analysis Holding Time Compliance

If samples are identified below as having been analysed or extracted outside of recommended holding times, this should be taken into consideration when interpreting results.

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times (referencing USEPA SW 846, APHA, AS and NEPM) based on the sample container provided. Dates reported represent first date of extraction or analysis and preclude subsequent dilutions and reruns. A listing of breaches (if any) is provided herein.

Holding time for leachate methods (e.g. TCLP) vary according to the analytes reported. Assessment compares the leach date with the shortest analyte holding time for the equivalent soil method. These are: organics 14 days, mercury 28 days & other metals 180 days. A recorded breach does not guarantee a breach for all non-volatile parameters.

Holding times for VOC in soils vary according to analytes of interest. Vinyl Chloride and Styrene holding time is 7 days; others 14 days. A recorded breach does not guarantee a breach for all VOC analytes and should be verified in case the reported breach is a false positive or Vinyl Chloride and Styrene are not key analytes of interest/concern.

Matrix: AIR

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP091A: Aliphatic Hydrocarbons (Section 1)							
Charcoal Tube (EP091-S1) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S1) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S1) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
EP091A: Aliphatic Hydrocarbons (Section 2)							
Charcoal Tube (EP091-S2) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S2) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S2) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
EP091B: Monocyclic Aromatic Hydrocarbons (Section 1)							
Charcoal Tube (EP091-S1) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S1) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S1) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
EP091B: Monocyclic Aromatic Hydrocarbons (Section 2)							
Charcoal Tube (EP091-S2) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S2) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S2) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓



Matrix: AIR

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP091C: Oxygenated Compounds (Section 1)							
Charcoal Tube (EP091-S1) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S1) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S1) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
EP091C: Oxygenated Compounds (Section 2)							
Charcoal Tube (EP091-S2) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S2) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S2) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
EP091D: Halogenated Compounds (Section 1)							
Charcoal Tube (EP091-S1) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S1) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S1) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
EP091D: Halogenated Compounds (Section 2)							
Charcoal Tube (EP091-S2) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S2) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S2) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
EP091E: Polycyclic Aromatic Hydrocarbons (Section 1)							
Charcoal Tube (EP091-S1) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S1) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S1) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
EP091E: Polycyclic Aromatic Hydrocarbons (Section 2)							
Charcoal Tube (EP091-S2) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S2) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓
Charcoal Tube (EP091-S2) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✓	17-Oct-2025	31-Oct-2025	✓



Matrix: AIR

Evaluation: ✖ = Holding time breach ; ✔ = Within holding time.

Method	Sample Date	Extraction / Preparation			Analysis		
Container / Client Sample ID(s)		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP091X: VOCs in Air - Extended List (non-NATA) (Section 1)							
Charcoal Tube (EP091-S1) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✔	17-Oct-2025	31-Oct-2025	✔
Charcoal Tube (EP091-S1) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✔	17-Oct-2025	31-Oct-2025	✔
Charcoal Tube (EP091-S1) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✔	17-Oct-2025	31-Oct-2025	✔
EP091X: VOCs in Air - Extended List (non-NATA) (Section 2)							
Charcoal Tube (EP091-S2) QC20251010-1	10-Oct-2025	17-Oct-2025	24-Oct-2025	✔	17-Oct-2025	31-Oct-2025	✔
Charcoal Tube (EP091-S2) QC20251013-1	13-Oct-2025	17-Oct-2025	27-Oct-2025	✔	17-Oct-2025	31-Oct-2025	✔
Charcoal Tube (EP091-S2) QC20251014-1	14-Oct-2025	17-Oct-2025	28-Oct-2025	✔	17-Oct-2025	31-Oct-2025	✔



Quality Control Parameter Frequency Compliance

The following report summarises the frequency of laboratory QC samples analysed within the analytical lot(s) in which the submitted sample(s) was(were) processed. Actual rate should be greater than or equal to the expected rate. A listing of breaches is provided in the Summary of Outliers.

Matrix: **AIR**

Evaluation: ✖ = Quality Control frequency not within specification ; ✔ = Quality Control frequency within specification.

Quality Control Sample Type		Count		Rate (%)			Quality Control Specification
Analytical Methods	Method	QC	Regular	Actual	Expected	Evaluation	
Laboratory Control Samples (LCS)							
VOCs in 1st Section Extracts of Charcoal Tubes	EP091-S1	1	8	12.50	5.00	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
VOCs in 1st Section Extracts of Charcoal Tubes	EP091-S1	1	8	12.50	5.00	✓	NEPM 2013 B3 & ALS QC Standard



Brief Method Summaries

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the US EPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request. The following report provides brief descriptions of the analytical procedures employed for results reported in the Certificate of Analysis. Sources from which ALS methods have been developed are provided within the Method Descriptions.

Analytical Methods	Method	Matrix	Method Descriptions
VOCs in 1st Section Extracts of Charcoal Tubes	EP091-S1	AIR	In house: Referenced to NIOSH 1500/1501,1003,1300/1301. Static CS2 extraction of Sorbent Charcoal Tubes
VOCs in 2nd Section Extracts of Charcoal Tubes	EP091-S2	AIR	In house: Referenced to NIOSH 1500/1501,1003,1300/1301. Static CS2 extraction of Sorbent Charcoal Tubes
VOCs in Air - 2 Section Tube	EP091-T2	AIR	In house: Referenced to NIOSH 1500/1501,1003,1300/1301. Static CS2 extraction of Charcoal Sorbent Tubes

Preparation Methods	Method	Matrix	Method Descriptions
Solvent Extraction of Charcoal Sorbents	EP091-PR	AIR	In house: Referenced to NIOSH 1500/1501,1003,1300/1301. Static CS2 extraction of Charcoal Sorbent Tubes



CERTIFICATE OF ANALYSIS

Work Order : **EN2517630**
Client : **JBS&G AUSTRALIA PTY LTD**
Contact : **CHRISTOPHER BIELBY**
Address : **Level 8 179 ELIZABETH STREET**
SYDNEY NSW, AUSTRALIA 2000
Telephone : **----**
Project : **70509 MR CHESTER**
Order number : **-**
C-O-C number : **----**
Sampler : **LAYMOND CHU**
Site : **----**
Quote number : **EN/000 Custom Quote**
No. of samples received : **3**
No. of samples analysed : **3**

Page : 1 of 12
Laboratory : Environmental Division Newcastle
Contact : Graeme Jablonskas
Address : 5/585 Maitland Road Mayfield West NSW Australia 2304
Telephone : +6138549 9609
Date Samples Received : 15-Oct-2025 17:00
Date Analysis Commenced : 17-Oct-2025
Issue Date : 23-Oct-2025 07:47



Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
Daniel Junek	Senior Organic Chemist	Newcastle - Organics, Mayfield West, NSW



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contract for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.



Analytical Results

Sub-Matrix: SORBENT TUBE
 (Matrix: AIR)

Sample ID

				QC20251010-1	QC20251013-1	QC20251014-1	----	----
Sampling date / time				10-Oct-2025 00:00	13-Oct-2025 00:00	14-Oct-2025 00:00	----	----
Compound	CAS Number	LOR	Unit	EN2517630-001	EN2517630-002	EN2517630-003	-----	-----
				Result	Result	Result	----	----
EP091A: Aliphatic Hydrocarbons - Total								
1-heptene	592-76-7	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Heptane	142-82-5	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Decane	124-18-5	0.5	µg/sample	<0.5	4.6	<0.5	----	----
n-Hexane	110-54-3	0.5	µg/sample	<0.5	0.7	<0.5	----	----
Cyclohexane	110-82-7	0.5	µg/sample	<0.5	2.8	<0.5	----	----
Isooctane	540-84-1	0.5	µg/sample	<0.5	3.4	<0.5	----	----
n-Octane	111-65-9	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
n-Nonane	111-84-2	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
EP091B: Monocyclic Aromatic Hydrocarbons - Total								
Benzene	71-43-2	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Toluene	108-88-3	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Ethylbenzene	100-41-4	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
meta- & para-Xylene	108-38-3 106-42-3	1.0	µg/sample	<1.0	<1.0	<1.0	----	----
Styrene	100-42-5	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
ortho-Xylene	95-47-6	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.3.5-Trimethylbenzene	108-67-8	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.2.4-Trimethylbenzene	95-63-6	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
n-Butylbenzene	104-51-8	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Isopropylbenzene	98-82-8	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
n-Propylbenzene	103-65-1	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
tert-Butylbenzene	98-06-6	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
sec-Butylbenzene	135-98-8	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
p-Isopropyltoluene	99-87-6	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Total Xylenes	----	1.5	µg/sample	<1.5	<1.5	<1.5	----	----
EP091C: Oxygenated Compounds - Total								
2-Propanone (Acetone)	67-64-1	1.0	µg/sample	<1.0	<1.0	1.7	----	----
2-Butanone (MEK)	78-93-3	0.5	µg/sample	<0.5	<0.5	<0.5	----	----



Analytical Results

Sub-Matrix: SORBENT TUBE
 (Matrix: AIR)

Sample ID

				QC20251010-1	QC20251013-1	QC20251014-1	----	----
Sampling date / time				10-Oct-2025 00:00	13-Oct-2025 00:00	14-Oct-2025 00:00	----	----
Compound	CAS Number	LOR	Unit	EN2517630-001	EN2517630-002	EN2517630-003	-----	-----
				Result	Result	Result	----	----
EP091C: Oxygenated Compounds - Total - Continued								
4-Methyl-2-pentanone (MIBK)	108-10-1	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
2-Hexanone (MBK)	591-78-6	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Cyclohexanone	108-94-1	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
EP091D: Halogenated Compounds - Total								
1.1-Dichloroethane	75-34-3	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Chloroform	67-66-3	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Trichloroethene	79-01-6	0.5	µg/sample	<0.5	0.8	<0.5	----	----
Chlorobenzene	108-90-7	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
2-Chlorotoluene	95-49-8	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
4-Chlorotoluene	106-43-4	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.3-Dichlorobenzene	541-73-1	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.4-Dichlorobenzene	106-46-7	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.2-Dichlorobenzene	95-50-1	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Hexachlorobutadiene	87-68-3	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
trans-1.2-Dichloroethene	156-60-5	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
cis-1.2-Dichloroethene	156-59-2	0.5	µg/sample	<0.5	2.6	<0.5	----	----
Bromochloromethane	74-97-5	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
2.2-Dichloropropane	594-20-7	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.2-Dichloroethane	107-06-2	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.1.1-Trichloroethane	71-55-6	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.1-Dichloropropene	563-58-6	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Carbon Tetrachloride	56-23-5	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Dibromomethane	74-95-3	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.2-Dichloropropane	78-87-5	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Bromodichloromethane	75-27-4	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
cis-1.3-Dichloropropylene	10061-01-5	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
trans-1.3-Dichloropropene	10061-02-6	0.5	µg/sample	<0.5	<0.5	<0.5	----	----



Analytical Results

Sub-Matrix: SORBENT TUBE
 (Matrix: AIR)

Sample ID

				QC20251010-1	QC20251013-1	QC20251014-1	----	----
Sampling date / time				10-Oct-2025 00:00	13-Oct-2025 00:00	14-Oct-2025 00:00	----	----
Compound	CAS Number	LOR	Unit	EN2517630-001	EN2517630-002	EN2517630-003	-----	-----
				Result	Result	Result	----	----
EP091D: Halogenated Compounds - Total - Continued								
1.1.2-Trichloroethane	79-00-5	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.3-Dichloropropane	142-28-9	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Dibromochloromethane	124-48-1	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.2-Dibromoethane (EDB)	106-93-4	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Tetrachloroethene	127-18-4	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.1.1.2-Tetrachloroethane	630-20-6	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Bromoform	75-25-2	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.1.2.2-Tetrachloroethane	79-34-5	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.2.3-Trichloropropane	96-18-4	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
Bromobenzene	108-86-1	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.2-Dibromo-3-chloropropane	96-12-8	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.2.4-Trichlorobenzene	120-82-1	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.2.3-Trichlorobenzene	87-61-6	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
1.1-Dichloroethene	75-35-4	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
EP091E: Polycyclic Aromatic Hydrocarbons - Total								
Naphthalene	91-20-3	0.5	µg/sample	<0.5	<0.5	<0.5	----	----
EP091E: Polycyclic Aromatic Hydrocarbons (Section 2)								
Naphthalene	91-20-3	0.5	µg	<0.5	<0.5	<0.5	----	----
EP091X: VOCs in Air - Extended List (non-NATA) - Total								
Vinyl chloride	75-01-4	2.0	µg/sample	<2.0	<2.0	<2.0	----	----
Bromomethane	74-83-9	2.0	µg/sample	<2.0	<2.0	<2.0	----	----
Trichlorofluoromethane	75-69-4	1.0	µg/sample	<1.0	<1.0	<1.0	----	----
EP091A: Aliphatic Hydrocarbons (Section 1)								
1-heptene	592-76-7	0.5	µg	<0.5	<0.5	<0.5	----	----
Heptane	142-82-5	0.5	µg	<0.5	<0.5	<0.5	----	----
Decane	124-18-5	0.5	µg	<0.5	4.6	<0.5	----	----
n-Hexane	110-54-3	0.5	µg	<0.5	0.7	<0.5	----	----



Analytical Results

Sub-Matrix: SORBENT TUBE
 (Matrix: AIR)

Sample ID

				QC20251010-1	QC20251013-1	QC20251014-1	----	----
Sampling date / time				10-Oct-2025 00:00	13-Oct-2025 00:00	14-Oct-2025 00:00	----	----
Compound	CAS Number	LOR	Unit	EN2517630-001	EN2517630-002	EN2517630-003	-----	-----
				Result	Result	Result	----	----
EP091A: Aliphatic Hydrocarbons (Section 1) - Continued								
Cyclohexane	110-82-7	0.5	µg	<0.5	2.8	<0.5	----	----
Isooctane	540-84-1	0.5	µg	<0.5	3.4	<0.5	----	----
n-Octane	111-65-9	0.5	µg	<0.5	<0.5	<0.5	----	----
n-Nonane	111-84-2	0.5	µg	<0.5	<0.5	<0.5	----	----
EP091B: Monocyclic Aromatic Hydrocarbons (Section 1)								
Benzene	71-43-2	0.5	µg	<0.5	<0.5	<0.5	----	----
Toluene	108-88-3	0.5	µg	<0.5	<0.5	<0.5	----	----
Ethylbenzene	100-41-4	0.5	µg	<0.5	<0.5	<0.5	----	----
meta- & para-Xylene	108-38-3 106-42-3	1.0	µg	<1.0	<1.0	<1.0	----	----
Styrene	100-42-5	0.5	µg	<0.5	<0.5	<0.5	----	----
ortho-Xylene	95-47-6	0.5	µg	<0.5	<0.5	<0.5	----	----
1.3.5-Trimethylbenzene	108-67-8	0.5	µg	<0.5	<0.5	<0.5	----	----
1.2.4-Trimethylbenzene	95-63-6	0.5	µg	<0.5	<0.5	<0.5	----	----
n-Butylbenzene	104-51-8	0.5	µg	<0.5	<0.5	<0.5	----	----
Isopropylbenzene	98-82-8	0.5	µg	<0.5	<0.5	<0.5	----	----
n-Propylbenzene	103-65-1	0.5	µg	<0.5	<0.5	<0.5	----	----
tert-Butylbenzene	98-06-6	0.5	µg	<0.5	<0.5	<0.5	----	----
sec-Butylbenzene	135-98-8	0.5	µg	<0.5	<0.5	<0.5	----	----
p-Isopropyltoluene	99-87-6	0.5	µg	<0.5	<0.5	<0.5	----	----
EP091C: Oxygenated Compounds (Section 1)								
2-Propanone (Acetone)	67-64-1	1.0	µg	<1.0	<1.0	1.7	----	----
2-Butanone (MEK)	78-93-3	0.5	µg	<0.5	<0.5	<0.5	----	----
4-Methyl-2-pentanone (MIBK)	108-10-1	0.5	µg	<0.5	<0.5	<0.5	----	----
2-Hexanone (MBK)	591-78-6	0.5	µg	<0.5	<0.5	<0.5	----	----
EP091D: Halogenated Compounds (Section 1)								
1.1-Dichloroethane	75-34-3	0.5	µg	<0.5	<0.5	<0.5	----	----
Chloroform	67-66-3	0.5	µg	<0.5	<0.5	<0.5	----	----



Analytical Results

Sub-Matrix: SORBENT TUBE
 (Matrix: AIR)

Sample ID

				QC20251010-1	QC20251013-1	QC20251014-1	----	----
Sampling date / time				10-Oct-2025 00:00	13-Oct-2025 00:00	14-Oct-2025 00:00	----	----
Compound	CAS Number	LOR	Unit	EN2517630-001	EN2517630-002	EN2517630-003	-----	-----
				Result	Result	Result	----	----
EP091D: Halogenated Compounds (Section 1) - Continued								
Trichloroethene	79-01-6	0.5	µg	<0.5	0.8	<0.5	----	----
Chlorobenzene	108-90-7	0.5	µg	<0.5	<0.5	<0.5	----	----
2-Chlorotoluene	95-49-8	0.5	µg	<0.5	<0.5	<0.5	----	----
4-Chlorotoluene	106-43-4	0.5	µg	<0.5	<0.5	<0.5	----	----
1,3-Dichlorobenzene	541-73-1	0.5	µg	<0.5	<0.5	<0.5	----	----
1,4-Dichlorobenzene	106-46-7	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2-Dichlorobenzene	95-50-1	0.5	µg	<0.5	<0.5	<0.5	----	----
Hexachlorobutadiene	87-68-3	0.5	µg	<0.5	<0.5	<0.5	----	----
trans-1,2-Dichloroethene	156-60-5	0.5	µg	<0.5	<0.5	<0.5	----	----
cis-1,2-Dichloroethene	156-59-2	0.5	µg	<0.5	2.6	<0.5	----	----
Bromochloromethane	74-97-5	0.5	µg	<0.5	<0.5	<0.5	----	----
2,2-Dichloropropane	594-20-7	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2-Dichloroethane	107-06-2	0.5	µg	<0.5	<0.5	<0.5	----	----
1,1,1-Trichloroethane	71-55-6	0.5	µg	<0.5	<0.5	<0.5	----	----
1,1-Dichloropropene	563-58-6	0.5	µg	<0.5	<0.5	<0.5	----	----
Carbon Tetrachloride	56-23-5	0.5	µg	<0.5	<0.5	<0.5	----	----
Dibromomethane	74-95-3	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2-Dichloropropane	78-87-5	0.5	µg	<0.5	<0.5	<0.5	----	----
Bromodichloromethane	75-27-4	0.5	µg	<0.5	<0.5	<0.5	----	----
cis-1,3-Dichloropropylene	10061-01-5	0.5	µg	<0.5	<0.5	<0.5	----	----
trans-1,3-Dichloropropene	10061-02-6	0.5	µg	<0.5	<0.5	<0.5	----	----
1,1,2-Trichloroethane	79-00-5	0.5	µg	<0.5	<0.5	<0.5	----	----
1,3-Dichloropropane	142-28-9	0.5	µg	<0.5	<0.5	<0.5	----	----
Dibromochloromethane	124-48-1	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2-Dibromoethane (EDB)	106-93-4	0.5	µg	<0.5	<0.5	<0.5	----	----
Tetrachloroethene	127-18-4	0.5	µg	<0.5	<0.5	<0.5	----	----
1,1,1,2-Tetrachloroethane	630-20-6	0.5	µg	<0.5	<0.5	<0.5	----	----



Analytical Results

Sub-Matrix: SORBENT TUBE
 (Matrix: AIR)

Sample ID

				QC20251010-1	QC20251013-1	QC20251014-1	----	----
Sampling date / time				10-Oct-2025 00:00	13-Oct-2025 00:00	14-Oct-2025 00:00	----	----
Compound	CAS Number	LOR	Unit	EN2517630-001	EN2517630-002	EN2517630-003	-----	-----
				Result	Result	Result	----	----
EP091D: Halogenated Compounds (Section 1) - Continued								
Bromoform	75-25-2	0.5	µg	<0.5	<0.5	<0.5	----	----
1.1.2.2-Tetrachloroethane	79-34-5	0.5	µg	<0.5	<0.5	<0.5	----	----
1.2.3-Trichloropropane	96-18-4	0.5	µg	<0.5	<0.5	<0.5	----	----
Bromobenzene	108-86-1	0.5	µg	<0.5	<0.5	<0.5	----	----
1.2-Dibromo-3-chloropropane	96-12-8	0.5	µg	<0.5	<0.5	<0.5	----	----
1.2.4-Trichlorobenzene	120-82-1	0.5	µg	<0.5	<0.5	<0.5	----	----
1.2.3-Trichlorobenzene	87-61-6	0.5	µg	<0.5	<0.5	<0.5	----	----
1.1-Dichloroethene	75-35-4	0.5	µg	<0.5	<0.5	<0.5	----	----
EP091E: Polycyclic Aromatic Hydrocarbons (Section 1)								
Naphthalene	91-20-3	0.5	µg	<0.5	<0.5	<0.5	----	----
EP091X: VOCs in Air - Extended List (non-NATA) (Section 1)								
Vinyl chloride	75-01-4	2.0	µg	<2.0	<2.0	<2.0	----	----
Bromomethane	74-83-9	2.0	µg	<2.0	<2.0	<2.0	----	----
Trichlorofluoromethane	75-69-4	1.0	µg	<1.0	<1.0	<1.0	----	----
EP091A: Aliphatic Hydrocarbons (Section 2)								
1-heptene	592-76-7	0.5	µg	<0.5	<0.5	<0.5	----	----
Heptane	142-82-5	0.5	µg	<0.5	<0.5	<0.5	----	----
Decane	124-18-5	0.5	µg	<0.5	<0.5	<0.5	----	----
n-Hexane	110-54-3	0.5	µg	<0.5	<0.5	<0.5	----	----
Cyclohexane	110-82-7	0.5	µg	<0.5	<0.5	<0.5	----	----
Isooctane	540-84-1	0.5	µg	<0.5	<0.5	<0.5	----	----
n-Octane	111-65-9	0.5	µg	<0.5	<0.5	<0.5	----	----
n-Nonane	111-84-2	0.5	µg	<0.5	<0.5	<0.5	----	----
EP091B: Monocyclic Aromatic Hydrocarbons (Section 2)								
Benzene	71-43-2	0.5	µg	<0.5	<0.5	<0.5	----	----
Toluene	108-88-3	0.5	µg	<0.5	<0.5	<0.5	----	----
Ethylbenzene	100-41-4	0.5	µg	<0.5	<0.5	<0.5	----	----



Analytical Results

Sub-Matrix: SORBENT TUBE
 (Matrix: AIR)

Sample ID

				QC20251010-1	QC20251013-1	QC20251014-1	----	----
Sampling date / time				10-Oct-2025 00:00	13-Oct-2025 00:00	14-Oct-2025 00:00	----	----
Compound	CAS Number	LOR	Unit	EN2517630-001	EN2517630-002	EN2517630-003	-----	-----
				Result	Result	Result	----	----
EP091B: Monocyclic Aromatic Hydrocarbons (Section 2) - Continued								
meta- & para-Xylene	108-38-3 106-42-3	1.0	µg	<1.0	<1.0	<1.0	----	----
Styrene	100-42-5	0.5	µg	<0.5	<0.5	<0.5	----	----
ortho-Xylene	95-47-6	0.5	µg	<0.5	<0.5	<0.5	----	----
1.3.5-Trimethylbenzene	108-67-8	0.5	µg	<0.5	<0.5	<0.5	----	----
1.2.4-Trimethylbenzene	95-63-6	0.5	µg	<0.5	<0.5	<0.5	----	----
n-Butylbenzene	104-51-8	0.5	µg	<0.5	<0.5	<0.5	----	----
Isopropylbenzene	98-82-8	0.5	µg	<0.5	<0.5	<0.5	----	----
n-Propylbenzene	103-65-1	0.5	µg	<0.5	<0.5	<0.5	----	----
tert-Butylbenzene	98-06-6	0.5	µg	<0.5	<0.5	<0.5	----	----
sec-Butylbenzene	135-98-8	0.5	µg	<0.5	<0.5	<0.5	----	----
p-Isopropyltoluene	99-87-6	0.5	µg	<0.5	<0.5	<0.5	----	----
EP091C: Oxygenated Compounds (Section 2)								
2-Propanone (Acetone)	67-64-1	1.0	µg	<1.0	<1.0	<1.0	----	----
2-Butanone (MEK)	78-93-3	0.5	µg	<0.5	<0.5	<0.5	----	----
4-Methyl-2-pentanone (MIBK)	108-10-1	0.5	µg	<0.5	<0.5	<0.5	----	----
2-Hexanone (MBK)	591-78-6	0.5	µg	<0.5	<0.5	<0.5	----	----
EP091D: Halogenated Compounds (Section 2)								
1.1-Dichloroethane	75-34-3	0.5	µg	<0.5	<0.5	<0.5	----	----
Chloroform	67-66-3	0.5	µg	<0.5	<0.5	<0.5	----	----
Trichloroethene	79-01-6	0.5	µg	<0.5	<0.5	<0.5	----	----
Chlorobenzene	108-90-7	0.5	µg	<0.5	<0.5	<0.5	----	----
2-Chlorotoluene	95-49-8	0.5	µg	<0.5	<0.5	<0.5	----	----
4-Chlorotoluene	106-43-4	0.5	µg	<0.5	<0.5	<0.5	----	----
1.3-Dichlorobenzene	541-73-1	0.5	µg	<0.5	<0.5	<0.5	----	----
1.4-Dichlorobenzene	106-46-7	0.5	µg	<0.5	<0.5	<0.5	----	----
1.2-Dichlorobenzene	95-50-1	0.5	µg	<0.5	<0.5	<0.5	----	----
Hexachlorobutadiene	87-68-3	0.5	µg	<0.5	<0.5	<0.5	----	----



Analytical Results

Sub-Matrix: SORBENT TUBE
 (Matrix: AIR)

Sample ID

				QC20251010-1	QC20251013-1	QC20251014-1	----	----
Sampling date / time				10-Oct-2025 00:00	13-Oct-2025 00:00	14-Oct-2025 00:00	----	----
Compound	CAS Number	LOR	Unit	EN2517630-001	EN2517630-002	EN2517630-003	-----	-----
				Result	Result	Result	----	----
EP091D: Halogenated Compounds (Section 2) - Continued								
trans-1,2-Dichloroethene	156-60-5	0.5	µg	<0.5	<0.5	<0.5	----	----
cis-1,2-Dichloroethene	156-59-2	0.5	µg	<0.5	<0.5	<0.5	----	----
Bromochloromethane	74-97-5	0.5	µg	<0.5	<0.5	<0.5	----	----
2,2-Dichloropropane	594-20-7	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2-Dichloroethane	107-06-2	0.5	µg	<0.5	<0.5	<0.5	----	----
1,1,1-Trichloroethane	71-55-6	0.5	µg	<0.5	<0.5	<0.5	----	----
1,1-Dichloropropene	563-58-6	0.5	µg	<0.5	<0.5	<0.5	----	----
Carbon Tetrachloride	56-23-5	0.5	µg	<0.5	<0.5	<0.5	----	----
Dibromomethane	74-95-3	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2-Dichloropropane	78-87-5	0.5	µg	<0.5	<0.5	<0.5	----	----
Bromodichloromethane	75-27-4	0.5	µg	<0.5	<0.5	<0.5	----	----
cis-1,3-Dichloropropylene	10061-01-5	0.5	µg	<0.5	<0.5	<0.5	----	----
trans-1,3-Dichloropropene	10061-02-6	0.5	µg	<0.5	<0.5	<0.5	----	----
1,1,2-Trichloroethane	79-00-5	0.5	µg	<0.5	<0.5	<0.5	----	----
1,3-Dichloropropane	142-28-9	0.5	µg	<0.5	<0.5	<0.5	----	----
Dibromochloromethane	124-48-1	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2-Dibromoethane (EDB)	106-93-4	0.5	µg	<0.5	<0.5	<0.5	----	----
Tetrachloroethene	127-18-4	0.5	µg	<0.5	<0.5	<0.5	----	----
1,1,1,2-Tetrachloroethane	630-20-6	0.5	µg	<0.5	<0.5	<0.5	----	----
Bromoform	75-25-2	0.5	µg	<0.5	<0.5	<0.5	----	----
1,1,1,2,2-Tetrachloroethane	79-34-5	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2,3-Trichloropropane	96-18-4	0.5	µg	<0.5	<0.5	<0.5	----	----
Bromobenzene	108-86-1	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2-Dibromo-3-chloropropane	96-12-8	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2,4-Trichlorobenzene	120-82-1	0.5	µg	<0.5	<0.5	<0.5	----	----
1,2,3-Trichlorobenzene	87-61-6	0.5	µg	<0.5	<0.5	<0.5	----	----
1,1-Dichloroethene	75-35-4	0.5	µg	<0.5	<0.5	<0.5	----	----



Analytical Results

Sub-Matrix: SORBENT TUBE
 (Matrix: AIR)

Sample ID

				QC20251010-1	QC20251013-1	QC20251014-1	----	----
Sampling date / time				10-Oct-2025 00:00	13-Oct-2025 00:00	14-Oct-2025 00:00	----	----
Compound	CAS Number	LOR	Unit	EN2517630-001	EN2517630-002	EN2517630-003	-----	-----
				Result	Result	Result	----	----

EP091D: Halogenated Compounds (Section 2) - Continued

EP091X: VOCs in Air - Extended List (non-NATA) (Section 2)

Vinyl chloride	75-01-4	2.0	µg	<2.0	<2.0	<2.0	----	----
Bromomethane	74-83-9	2.0	µg	<2.0	<2.0	<2.0	----	----
Trichlorofluoromethane	75-69-4	1.0	µg	<1.0	<1.0	<1.0	----	----

EP091: Chlorinated Organic Surrogates (Section 1)

1,2-Dichloroethane-D4	17060-07-0	0.5	%	114	113	114	----	----
4-Bromofluorobenzene	460-00-4	0.5	%	85.0	90.2	84.3	----	----

EP091: Chlorinated Organic Surrogates (Section 2)

1,2-Dichloroethane-D4	17060-07-0	0.5	%	110	105	111	----	----
4-Bromofluorobenzene	460-00-4	0.5	%	89.6	87.8	88.2	----	----

EP091: MAH Surrogates (Section 1)

Toluene-D8	2037-26-5	0.5	%	97.8	96.8	98.2	----	----
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EP091: MAH Surrogates (Section 2)

Toluene-D8	2037-26-5	0.5	%	98.3	98.0	99.0	----	----
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Surrogate Control Limits

Sub-Matrix: SORBENT TUBE		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP091: Chlorinated Organic Surrogates (Section 1)			
1,2-Dichloroethane-D4	17060-07-0	70	130
4-Bromofluorobenzene	460-00-4	60	130
EP091: Chlorinated Organic Surrogates (Section 2)			
1,2-Dichloroethane-D4	17060-07-0	60	140
4-Bromofluorobenzene	460-00-4	60	140
EP091: MAH Surrogates (Section 1)			
Toluene-D8	2037-26-5	70	130
EP091: MAH Surrogates (Section 2)			
Toluene-D8	2037-26-5	60	140

Appendix G Field Notes and Calibration Certifications

Field Equipment Calibration and Decontamination

PROJECT NAME: MR CHESTER	PROJECT NO: 70509
FIELDWORK DATES: 13/10/15	SAMPLERS: L. CHU
TYPE OF INVESTIGATION: SV SAMPLING	PROJECT MANAGER: C. BIEBY

CALIBRATION SUMMARY

EQUIPMENT: PID (7-118372)
CALIBRATION STANDARD: 100PPM ISOBUTYLENE

DATE	TIME	READING (ppm)	COMMENTS
13/10/15	7:10	0	AMBIENT
		3.7	100PPM BUMP
		100.0	CALIBRATION
		100.5	BUMP

DECONTAMINATION SUMMARY

EQUIPMENT: N/A			
1	Was the equipment decontaminated appropriately prior to sampling at each location?	Y	N NA
2	Was excess soil removed by scraping, brushing or wiping with disposable towels?	Y	N NA
3	Was the equipment contaminated with grease, tar or similar material?	Y	N NA
	If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane?	Y	N NA
4	Was phosphate-free detergent used to wash the equipment?	Y	N NA
5	Was the equipment rinsed with clean water?	Y	N NA
6	Was the equipment then rinsed with deionised water?	Y	N NA
7	Were all sample containers cleaned and acid or solvent washed prior to sample collection?	Y	N NA
WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS			
NEW NITRILE GLOVES AFTER CONTACTING ISOPROPANOL			

Field Equipment Calibration and Decontamination

PROJECT NAME: MR CHESTER	PROJECT NO: 70509
FIELDWORK DATES: 15/10/25	SAMPLERS: L. CHU
TYPE OF INVESTIGATION: NEW INSTALLATION	PROJECT MANAGER: C. BIEBUY.

CALIBRATION SUMMARY

EQUIPMENT: PID (T-119496)
CALIBRATION STANDARD: 100PPM 1,2,4-TRICHLOROBENZENE

DATE	TIME	READING (ppm)	COMMENTS
15/10/25	6:30	0	AMBIENT
		110.8	BUMP
		100.0	CAL
		100.4	BUMP

DECONTAMINATION SUMMARY

EQUIPMENT: SAMPLING OFF PUSH TUBE NON-RE-USABLE PLASTIC CASE			
1	Was the equipment decontaminated appropriately prior to sampling at each location?	Y	N NA
2	Was excess soil removed by scraping, brushing or wiping with disposable towels?	Y	N NA
3	Was the equipment contaminated with grease, tar or similar material?	Y	N NA
	If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane?	Y	N NA
4	Was phosphate-free detergent used to wash the equipment?	Y	N NA
5	Was the equipment rinsed with clean water?	Y	N NA
6	Was the equipment then rinsed with deionised water?	Y	N NA
7	Were all sample containers cleaned and acid or solvent washed prior to sample collection?	Y	N NA
WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS			
NEW NITRILE GLOVES PER SAMPLE TAKEN.			

Field Equipment Calibration and Decontamination

PROJECT NAME: MR CHESTER	PROJECT NO: 70509
FIELDWORK DATES: 16/10/25	SAMPLERS: L. CHU
TYPE OF INVESTIGATION: MW INSTALLATION	PROJECT MANAGER: C. BIEBY

CALIBRATION SUMMARY

EQUIPMENT:	PID (T-119496)
CALIBRATION STANDARD:	100PPM ISOBUTYLENE

DATE	TIME	READING (ppm)	COMMENTS
16/10/25	6:48	0	AMBIENT
		105.4	BUMP

DECONTAMINATION SUMMARY

EQUIPMENT:			
SAMPLING FROM NON-RE-USABLE PUSH TUBE CASE			
1	Was the equipment decontaminated appropriately prior to sampling at each location?	Y	N NA
2	Was excess soil removed by scraping, brushing or wiping with disposable towels?	Y	N NA
3	Was the equipment contaminated with grease, tar or similar material?	Y	N NA
	If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane?	Y	N NA
4	Was phosphate-free detergent used to wash the equipment?	Y	N NA
5	Was the equipment rinsed with clean water?	Y	N NA
6	Was the equipment then rinsed with deionised water?	Y	N NA
7	Were all sample containers cleaned and acid or solvent washed prior to sample collection?	Y	N NA
WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS			
NEW NITRILE GLOVES PER SAMPLE TAKEN			

Field Equipment Calibration and Decontamination

PROJECT NAME: MR CHESTER	PROJECT NO: 70509
FIELDWORK DATES: 17/10/25	SAMPLERS: L CHU
TYPE OF INVESTIGATION: NW INSTALLATION	PROJECT MANAGER: C. BIEBY

CALIBRATION SUMMARY

EQUIPMENT: PID (T-119496)
CALIBRATION STANDARD: 100PPM 1,1-DICHLOROETHYLENE

DATE	TIME	READING (ppm)	COMMENTS
17/10/25	8:15	0	AMBIENT
		100.8	PUMP.

DECONTAMINATION SUMMARY

EQUIPMENT: N/A.				
1	Was the equipment decontaminated appropriately prior to sampling at each location?	Y	N	NA
2	Was excess soil removed by scraping, brushing or wiping with disposable towels?	Y	N	NA
3	Was the equipment contaminated with grease, tar or similar material?	Y	N	NA
	If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane?	Y	N	NA
4	Was phosphate-free detergent used to wash the equipment?	Y	N	NA
5	Was the equipment rinsed with clean water?	Y	N	NA
6	Was the equipment then rinsed with deionised water?	Y	N	NA
7	Were all sample containers cleaned and acid or solvent washed prior to sample collection?	☒	N	NA
WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS				
NEW NITRILE GLOVES PER SAMPLE LOCATION.				

Field Equipment Calibration and Decontamination

PROJECT NAME: MR CHESTER	PROJECT NO:
FIELDWORK DATES: 20/10/15	SAMPLERS:
TYPE OF INVESTIGATION: GME	PROJECT MANAGER:

CALIBRATION SUMMARY

EQUIPMENT:
—
CALIBRATION STANDARD:

DATE	TIME	READING (ppm)	COMMENTS

DECONTAMINATION SUMMARY

EQUIPMENT:	IP		
1	Was the equipment decontaminated appropriately prior to sampling at each location?	Y	N NA
2	Was excess soil removed by scraping, brushing or wiping with disposable towels?	Y	N NA
3	Was the equipment contaminated with grease, tar or similar material?	Y	N NA
	If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane?	Y	N NA
4	Was phosphate-free detergent used to wash the equipment?	Y	N NA
5	Was the equipment rinsed with clean water?	Y	N NA
6	Was the equipment then rinsed with deionised water?	Y	N NA
7	Were all sample containers cleaned and acid or solvent washed prior to sample collection?	Y	N NA
WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS			
NEW NON-REUSABLE EQUIPMENT USED FOR EACH SAMPLE LOCATION			

Field Equipment Calibration and Decontamination

PROJECT NAME: MR CHESTER	PROJECT NO: 70509
FIELDWORK DATES: 21/10/25	SAMPLERS: L. CHU / H. MADDOCK
TYPE OF INVESTIGATION: GME / SV SAMPLING	PROJECT MANAGER: C. BIEBLY

CALIBRATION SUMMARY

EQUIPMENT:	PID (F119496)
CALIBRATION STANDARD:	100PPM ISO

DATE	TIME	READING (ppm)	COMMENTS
21/10/25	6:28	0	AMB
		106.2	PUMP

DECONTAMINATION SUMMARY

EQUIPMENT:	IP		
1	Was the equipment decontaminated appropriately prior to sampling at each location?	Y	N NA
2	Was excess soil removed by scraping, brushing or wiping with disposable towels?	Y	N NA
3	Was the equipment contaminated with grease, tar or similar material?	Y	N NA
	If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane?	Y	N NA
4	Was phosphate-free detergent used to wash the equipment?	Y	N NA
5	Was the equipment rinsed with clean water?	Y	N NA
6	Was the equipment then rinsed with deionised water?	Y	N NA
7	Were all sample containers cleaned and acid or solvent washed prior to sample collection?	Y	N NA
WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS			
NEW TUBING / DISPOSABLE EQUIPMENT AT EACH LOCATION.			

Field Measurements

Date/ Time	Pump ID	Calibration Average Flow Rate (mL/min)	Calibration Average Flow Rate - Low Flow (mL/min)		
10/10/25 7:20	AC106	1.0	0.1		
	AC108	1.0	0.1		
	AC083	1.0	0.1		
	AC057	1.0	0.1		
	AC174	1.0	0.1		
	AC103	1.0	0.1		
	AC049	1.0	0.1		
	AC174	1.0	0.1		
	AC108	1.0	0.1		
	AC172	1.0	0.1		
13/10/25 7:15	AC108	1.0	0.1		
	AC057	1.0	0.1		
	AC172	1.0	0.1		
	AC049	1.0	0.1		
	AC103	1.0	0.1		
	AC083	1.0	0.1		
	AC106	1.0	0.1		
14/10/25 9:00	AC172	1.0	0.1		

Pump Calibration Form



Project Number: 70509	Date: 21 / 10 / 2025	Sampler/s: LC
Site Address: 191 Miller Street, Chester Hill	Sample Method: Vapour Pin/ Vapour Probe	Weather: FINE

Field Measurements

[illegible]

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	Md Abu Sayeed
Pressure Gauge ID	SPRES-02	Calibration Date	21-Oct-24
Pump ID	AC065	Next Due Date	21-Apr-25
Pump Type	AirChek XR5000	Reviewed by	Chamath Annakkage

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference ¹	Comments
mL/min	mL/min	kpa	In H2O	mL/min	%	
25mm Calibration						
1000	996.88	--	8	991.35	-0.55	Pass
1500	1501.6	--	12	1500.5	-0.07	Pass
2000	2003.7	--	16	1995.9	-0.39	Pass
2500	2493.7	--	20	2528.3	1.4	Pass
3000	2999.2	--	24	3053.6	1.8	Pass
3500	3505.1	--	28	3611.5	3.0	Pass
4000	3998.6	--	32	3603.1	-9.9	Fail
13mm Calibration						

¹Acceptance Criteria: ±5%

[#]1 kpa = 4 Inches of water

NOTE: for 13mm cowls, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

$$\text{Percentage Difference} = \frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$$

Corrective Actions Required	Approved flow rates are 1.0, 1.5, 2.0, 2.5, 3.0 & 3.5 L/min. Pump failed at 4.0 L/min
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Analyst Signature: Md Abu Sayeed
Date: 21-Oct-24

Reviewer Signature: Chamath Annakkage
Date: 21-Oct-24

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	Bennel Jiri
Pressure Gauge ID	SPRES-02	Calibration Date	20-Nov-24
Pump ID	AC174	Next Due Date	20-Nov-25
Pump Type	AIR CHEK XR5000	Reviewed by	Md Abu Sayeed

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference [†]	Comments
mL/min	mL/min	kpa	In H2O	mL/min	%	
25mm Calibration						
1000	998.84	--	8	988.75	-1.0	Pass
1500	1502.1	--	12	1497.2	-0.33	Pass
2000	1999.3	--	16	2021.3	1.1	Pass
2500	2501.8	--	20	2554.1	2.1	Pass
3000	3002.4	--	24	3092.1	3.0	Pass
3500	3499.2	--	28	3596.3	2.8	Pass
4000	4001.6	--	32	4156.9	3.9	Pass
13mm Calibration						

[†]Acceptance Criteria: ±5%

[#]1 kpa = 4 Inches of water

NOTE: for 13mm cowl, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

$$\text{Percentage Difference} = \frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$$

Corrective Actions Required	Approved flow rates are 1.0, 1.5, 2.0, 2.5, 3.0, 3.5 & 4.0 L/min.
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Analyst Signature: 
Date: 20-Nov-24

Reviewer Signature: 
Date: 20-Nov-24

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	L. Teshan Perera
Pressure Gauge ID	SPRES-03	Calibration Date	26-Mar-25
Pump ID	AC195	Next Due Date	26-Mar-26
Pump Type	AIR CHEK XR5000	Reviewed by	Md Abu Sayeed

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference [†]	Comments
mL/min	mL/min	kpa	In H2O	mL/min	%	
25mm Calibration						
1000	1004	--	8	983.7	-2.0	Pass
1500	1509.4	--	12	1512.1	0.18	Pass
2000	1998.7	--	16	2028.7	1.5	Pass
2500	2510	--	20	2561.2	2.0	Pass
3000	3007.1	--	24	3098.3	3.0	Pass
3500	3504.7	--	28	3599	2.7	Pass
4000	4020.5	--	32	4151.8	3.3	Pass
13mm Calibration						

[†]Acceptance Criteria: ±5%

[#]1 kpa = 4 Inches of water

NOTE: for 13mm cowl, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

$$\text{Percentage Difference} = \frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$$

Corrective Actions Required	Approved flow rates are 1.0, 1.5, 2.0, 2.5, 3.0, 3.5 & 4.0 L/min.
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Analyst Signature: L. Teshan Perera
Date: 26-Mar-25

Reviewer Signature: Md Abu Sayeed
Date: 26-Mar-25

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	Farid Mojab
Pressure Gauge ID	SPRES-02	Calibration Date	03-Apr-25
Pump ID	AC083	Next Due Date	03-Apr-26
Pump Type	AirChek XR5000	Reviewed by	Abu Sayeed

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference [†]	Comments
		kpa	In H2O			
mL/min	mL/min			mL/min	%	
25mm Calibration						
1000	1005.1	--	8	1006.1	0.10	Pass
1500	1504.1	--	12	1518.2	0.94	Pass
2000	2010	--	16	2051	2.0	Pass
2500	2505.3	--	20	2624	4.7	Pass
3000	3006.1	--	24	3047.4	1.4	Pass
3500	3515.1	--	28	3578	1.8	Pass
4000	4009.1	--	32	4115.6	2.7	Pass
13mm Calibration						

[†] Acceptance Criteria: ±5%

[#] 1 kpa = 4 Inches of water

NOTE: for 13mm cowl, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

$$\text{Percentage Difference} = \frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$$

Corrective Actions Required	Approved flow rates are:1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0 L/m
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Analyst Signature: Farid Mojab
Date: 03-Apr-25

Reviewer Signature: Abu Sayeed
Date: 03-Apr-25

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	Farid Mojab
Pressure Gauge ID	SPRES-02	Calibration Date	11-Aug-25
Pump ID	AC103	Next Due Date	11-Feb-26
Pump Type	AirChek XR5000	Reviewed by	Abu Sayeed

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference ¹	Comments
mL/min	mL/min	kpa	In H ₂ O	mL/min	%	
25mm Calibration						
1000	1009.3	--	8	1007.4	-0.19	Pass
1500	1510.5	--	12	1521	0.70	Pass
2000	2011	--	16	2006.6	-0.22	Pass
2500	2519.2	--	20	2252.3	-11	Fail
3000	2941.2	--	24	2575.9	-12	Fail
3500	--	--	28	--		
4000	--	--	32	--		
13mm Calibration						

¹Acceptance Criteria: ±5%

[#]1 kpa = 4 Inches of water

NOTE: for 13mm cowl, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

$$\text{Percentage Difference} = \frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$$

Corrective Actions Required	Approved flow rates are: 1.0, 1.5 and 2.0 L/m. Pump was not running @3.5 and 4.0 L/min.
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Analyst Signature: Farid Mojab
Date: 11-Aug-25

Reviewer Signature: Abu Sayeed
Date: 11-Aug-25

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	Atish Somaroo
Pressure Gauge ID	SPRES-02 3 (AS)	Calibration Date	24-Sep-25
Pump ID	AC057	Next Due Date	24-Mar-26
Pump Type	AirChek XR5000	Reviewed by	Abu Sayeed

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference [†]	Comments
mL/min	mL/min	kpa	In H2O	mL/min	%	
25mm Calibration						
1000	1045.4	---	8	1003.2	-4.0	Pass
1500	1506.6	---	12	1548.6	2.8	Pass
2000	2022.7	---	16	2020.7	-0.10	Pass
2500	2503.4	---	20	2557.2	2.1	Pass
3000	3010.6	---	24	2749.5	-8.7	Fail
3500	3513.7	---	28	2220.9	-37	Fail
4000	---	---	32	---		
13mm Calibration						

[†]Acceptance Criteria: ±5%

[#]1 kpa = 4 Inches of water

NOTE: for 13mm cowl, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

Percentage Difference = $\frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$

Corrective Actions Required	Approved flow rates are: 1.0, 1.5, 2.0 & 2.5 L/min. Could not reach 4.0 L/min.
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Analyst Signature: Atish Somaroo
Date: 24-Sep-25

Reviewer Signature: Abu Sayeed
Date: 24-Sep-25

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	Atish Somaroo
Pressure Gauge ID	SPRES-02 3AS	Calibration Date	24-Sep-25
Pump ID	AC106	Next Due Date	24-Mar-26
Pump Type	AirChek XR5000	Reviewed by	Abu Sayeed

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference [†]	Comments
mL/min	mL/min	kpa	In H2O	mL/min	%	
25mm Calibration						
1000	1035.6	--	8	1009.3	-2.5	Pass
1500	1506	--	12	1437.1	-4.6	Pass
2000	2013	--	16	1979.3	-1.7	Pass
2500	2549.2	--	20	2483.7	-2.6	Pass
3000	3028.9	--	24	2986.4	-1.4	Pass
3500	3526.9	--	28	3063.8	-13	Fail
4000	4032.5	--	32	3464.1	-14	Fail
13mm Calibration						

[†]Acceptance Criteria: ±5%

[#]1 kpa = 4 Inches of water

NOTE: for 13mm cowl, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

Percentage Difference = $\frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$

Corrective Actions Required	Approved flow rates are: 1.0, 1.5, 2.0, 2.5 & 3.0 L/min.
-----------------------------	--

Analyst Signature: 
Date: 24-Sep-25

Reviewer Signature: Abu Sayeed
Date: 24-Sep-25 

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	Atish Somaroo
Pressure Gauge ID	SPRES-03	Calibration Date	12-Jun-25
Pump ID	AC049	Next Due Date	12-Dec-25
Pump Type	AirChek XR5000	Reviewed by	Md Abu Sayeed

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference ¹	Comments
mL/min	mL/min	kpa	In H2O	mL/min	%	
25mm Calibration						
1000	1049.6	---	8	1061.4	1.1	Pass
1500	1512.5	---	12	1528	1.0	Pass
2000	2010.4	---	16	2071.3	3.0	Pass
2500	2509.7	---	20	2576.8	2.7	Pass
3000	3013.8	---	24	3129.8	3.8	Pass
3500	3532.8	---	28	3703.8	4.8	Pass
4000	4055.4	---	32	4105.1	1.2	Pass
13mm Calibration						

¹Acceptance Criteria: ±5%

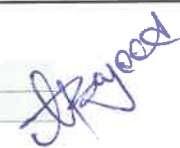
[#]1 kpa = 4 Inches of water

NOTE: for 13mm cowl, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

$$\text{Percentage Difference} = \frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$$

Corrective Actions Required	Approved flow rates are: 1.0, 1.5, 2.0, 2.5, 3.0, 3.5 & 4.0 L/min
-----------------------------	---

Analyst Signature: 
Date: 12-Jun-25

Reviewer Signature: Md Abu Sayeed
Date: 12-Jun-25 

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	Farid Mojab
Pressure Gauge ID	SPRES-02	Calibration Date	11-Aug-25
Pump ID	AC085	Next Due Date	11-Feb-26
Pump Type	AirChek XR5000	Reviewed by	Abu Sayeed

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference [†]	Comments
mL/min	mL/min	kpa	In H ₂ O	mL/min	%	
25mm Calibration						
1000	1001.6	--	8	1005.9	0.43	Pass
1500	1504.8	--	12	1502.7	-0.14	Pass
2000	2005.6	--	16	2019.4	0.69	Pass
2500	2507.9	--	20	2521.2	0.53	Pass
3000	3002.4	--	24	3069.3	2.2	Pass
3500	3511.1	--	28	3538.1	0.77	Pass
4000	4011.1	--	32	4116.2	2.6	Pass
13mm Calibration						

[†]Acceptance Criteria: ±5%

[#]1 kpa = 4 Inches of water

NOTE: for 13mm cowl, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

$$\text{Percentage Difference} = \frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$$

Corrective Actions Required	Approved for rates are: 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0 L/m
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Analyst Signature: Farid Mojab
Date: 11-Aug-25

Reviewer Signature: Abu Sayeed
Date: 11-Aug-25

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	Bennel Jiri
Pressure Gauge ID	SPRES-02	Calibration Date	20-Nov-24
Pump ID	AC147	Next Due Date	20-Nov-25
Pump Type	AIR CHEK XR5000	Reviewed by	Md Abu Sayeed

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference ¹	Comments
mL/min	mL/min	kpa	In H2O	mL/min	%	
25mm Calibration						
1000	999.38	--	8	993.37	-0.60	Pass
1500	1501.4	--	12	1503.9	0.17	Pass
2000	2000.1	--	16	2036.8	1.8	Pass
2500	2502.3	--	20	2561.6	2.4	Pass
3000	3000.8	--	24	3099.5	3.3	Pass
3500	3498.7	--	28	3663.5	4.7	Pass
4000	4003.2	--	32	4180.8	4.4	Pass
13mm Calibration						

¹Acceptance Criteria: ±5%

[#]1 kpa = 4 Inches of water

NOTE: for 13mm cowl, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

$$\text{Percentage Difference} = \frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$$

Corrective Actions Required	Approved flow rates are 1.0, 1.5, 2.0, 2.5, 3.0, 3.5 & 4.0 L/min.
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Analyst Signature: 
Date: 20-Nov-24

Reviewer Signature: Md Abu Sayeed
Date: 20-Nov-24 

Air-Sampling Pump Calibration Form

Primary Standard ID	MFLOW-01		
Calibrator ID	MFLOW-03	Analyst	Md Abu Sayeed
Pressure Gauge ID	SPRES-02	Calibration Date	21-Oct-24
Pump ID	AC188	Next Due Date	21-Oct-25
Pump Type	AirChek XR5000	Reviewed by	Chamath Annakkage

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Flow Interruption Test	Pass
Pump Inlet Parts	Clean

Nominal Flow Rate	True Flow Rate	Applied Pressure Drop [#]		True Flow Rate with Pressure Drop	Percentage Difference ¹	Comments
mL/min	mL/min	kpa	In H2O	mL/min	%	
25mm Calibration						
1000	1000.5	--	8	991.87	-0.86	Pass
1500	1501.9	--	12	1496.9	-0.33	Pass
2000	2003.6	--	16	2030.7	1.4	Pass
2500	2502.4	--	20	2579.2	3.1	Pass
3000	3002.3	--	24	3109.5	3.6	Pass
3500	3505.4	--	28	3643.3	3.9	Pass
4000	4008.1	--	32	4183.7	4.4	Pass
13mm Calibration						

Acceptance Criteria: ±5%

[#]1 kpa = 4 Inches of water

NOTE: for 13mm cowls, pumps are to be assessed at equivalent backpressures factored to the EFA, i.e. 10 kPa per litre of air

$$\text{Percentage Difference} = \frac{\text{True Flow Rate with Pressure Drop} - \text{True Flow Rate}}{\text{True Flow Rate}} \times 100$$

Corrective Actions Required

Approved flow rates are 1.0, 1.5, 2.0, 2.5, 3.0, 3.5 & 4.0 L/min.

Analyst Signature:
Date:

Md Abu Sayeed
21-Oct-24

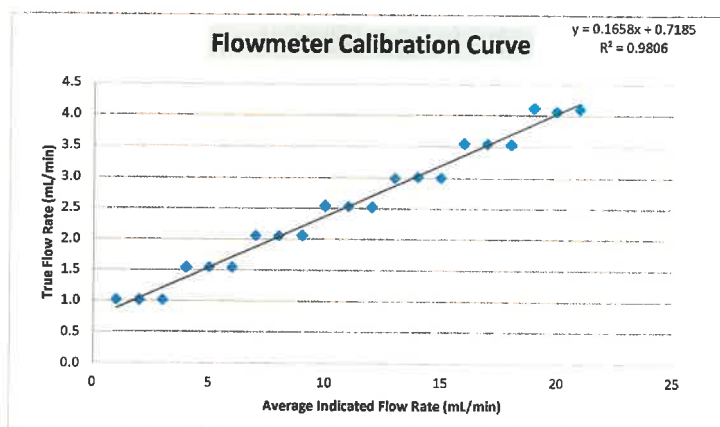
Reviewer Signature:
Date:

Chamath Annakkage
21-Oct-24

Primary Standard ID	MFLOW 01	Analyst	Md Abu Sayeed
Stopwatch ID	STIM-03	Calibration Date	13/01/2025
Pump ID	AC252	Next Due Date	13/01/2026
Flowmeter ID	R027	Reviewed by	Chamath Annakkage
Primary Standard ID Certified Volume (L)	0.99934		

Refer to 'Appendix D' of test method LTM-ASB-8010 for calibration procedures.

Reading	Flowmeter (Rotameter)			Primary Standard (Soap Film)		Percentage Difference ¹	Average True Flow Rate (TF)	Comments	
	Nominal Flow L/min	Indicated Flow Rate (IF)		Film Travel Time (0.99934L)	True Flow L/min				
		Before	After L/min	Average seconds					
1	1.0	1.0	1.0	1.0	58.97	1.0	1.65	1.0	Pass
2		1.0	1.0	1.0	59.06	1.0	1.50		Pass
3		1.0	1.0	1.0	59.01	1.0	1.59		Pass
1	1.5	1.5	1.5	1.5	38.95	1.5	2.56	1.5	Pass
2		1.5	1.5	1.5	38.80	1.5	2.94		Pass
3		1.5	1.5	1.5	38.82	1.5	2.89		Pass
1	2.0	2.0	2.0	2.0	29.12	2.1	2.87	2.1	Pass
2		2.0	2.0	2.0	29.19	2.1	2.64		Pass
3		2.0	2.0	2.0	29.15	2.1	2.77		Pass
1	2.5	2.5	2.5	2.5	23.56	2.5	1.77	2.5	Pass
2		2.5	2.5	2.5	23.66	2.5	1.35		Pass
3		2.5	2.5	2.5	23.72	2.5	1.10		Pass
1	3.0	3.0	3.0	3.0	20.03	3.0	-0.22	3.0	Pass
2		3.0	3.0	3.0	19.90	3.0	0.43		Pass
3		3.0	3.0	3.0	19.98	3.0	0.03		Pass
1	3.5	3.5	3.5	3.5	16.88	3.6	1.47	3.5	Pass
2		3.5	3.5	3.5	16.90	3.5	1.35		Pass
3		3.5	3.5	3.5	16.95	3.5	1.06		Pass
1	4.0	4.0	4.0	4.0	14.56	4.1	2.87	4.1	Pass
2		4.0	4.0	4.0	14.75	4.1	1.60		Pass
3		4.0	4.0	4.0	14.62	4.1	2.47		Pass
1									
2									
3									
1									
2									
3									
1									
2									
3									

¹Acceptance Criteria: <3% IF = TF, ≥3% IF requires correction factor to derive TF. (A/OH, 2018)True Flow Rate (L) = $\frac{1}{\text{Film Travel Time}/60}$ Percentage Difference = $\frac{\text{True Flow Rate} - \text{Average Indicated Flow Rate}}{\text{True Flow Rate}} \times 100$ **Corrective Actions Required** Approved flow rates are 1.0, 1.5, 2.0, 2.5, 3.0, 3.5 & 4.0 L/min.

Correction Chart	
Indicated Flow Rate L/min	True Flow Rate L/min

Analyst Signature: Md Abu Sayeed
Date: 13-Jan-25Reviewer Signature: Chamath Annakkage
Date: 13-Jan-25

Calibration and Service Report

ABN: 74 619 717 350
Contact: 02 9730 2019
Email: sales@experttesting.com.au
9/171 Power Street, Glendenning NSW 2761
Web: www.experttesting.com.au

Company: JBS&G Australia
Contact: Michelle Delandro
Address: Level1, 50 Margaret St,
SYDNEY NSW 2000
Phone: 0417 287 561
Fax:
Email: mdelandro@jbsg.com.au

Manufacturer: Ion Science
Instrument: Phocheck Tiger Select
Model: Tiger
Configuration: VOC
Wireless: -
Network ID: -
Unit ID: -

Serial #: T-119496
Asset #: -
Part #: -
Sold: -
Last Cal: 11-03-2025
Job #: 107179
Cal Spec: Std
Order #: 10000

Item	Test	Pass/Fail	Comments	Part Code	S/W
Battery	NiCd, NiMH, Dry cell, Li Ion	✓			
Charger	Charger, Power supply	✓			
	Cradle	✓			
Pump	Flow	X	No suction		
Filter	Filter, fitting, etc	✓			
Alarms	Audible, visual, vibration	✓			
Display	Operation	✓			
Switches	Operation	✓			
PCB	Operation	✓			
Connectors	Condition	✓			
Firmware	Version	✓			
Datalogger	Operation	✓			
Monitor Housing	Condition	✓			
Case	Condition/Type	✓			
Sensors					
	PID Lamp	✓			
	PID Sensor	X	Faulty - replaced		
	THP Sensor	✓			

Engineer's Report

Replaced faulty PID pump and PID sensor – okay now.
Cleaned lamp and electrode for PID sensor – okay.
Checked unit settings and configuration – okay
Unit allowed to stabilize and zero calibration performed as per manufacturers specifications
Calibration procedure written and performed to manufacturers specification using traceable gases.

Calibration Certificate

Sensor	Type	Serial No:	Span Gas	Concentration	Traceability Lot #	CF	Reading	
							Zero	Span
PID	10.6eV		Isobutylene	100ppm	A01353		0	100ppm

Calibrated/Repaired by: **Amend Kumar** Date: **11-03-2025** Next Due: **11-09-2025**





Calibration Certificate

AirMet Scientific P/L

36 Punch Street

Artarmon

NSW 2064, Australia

Tel: 02 8425 8300

Fax: 02 8425 8399

This document certifies that the instrument detailed has been calibrated to the parameters

Certificate Print Date: 4-Jun-2025

Call ID / Order No: 277148

Calibration Date: 02-Jun-2025

Job No / Pack No: S2771480001

Next Calibration Due: 2-Dec-2025

Customer: JBS&G Australia Pty Ltd-ID 202507

Serial No: T-118372

Description: Ion Science Tiger LT PID with Rechargeable Battery

Calibration Summary

Frequency: Semi-Annual **Temp:** 22°C **As Found:** Out of Tolerance **Result:** Pass
Humidity: 45% **Certificate:** S2771480001

<u>Desc</u>	<u>As Found</u>		<u>As Left (Cal Status)</u>	
	<u>Actual</u>	<u>Result</u>	<u>Actual</u>	<u>Result</u>
ISOBUTYLENE 100ppm	3.7	Fail	102.0	Pass
ISOBUTYLENE 5000PPM	34.1	Fail	5009.0	Pass

<u>Standard Used</u>			
<u>Equip ID</u>	<u>Description</u>	<u>Valid Until</u>	<u>Cert</u>
SY685	iso-Butylene (i-C ₄ H ₈) 100 ppm, Oxygen (O ₂) 20.9%, Nitrogen (N ₂) Balance	18/12/2029	11151
SY517	ISOBUTYLENE 5000PPM AIR Balance	31/10/2025	PO0420
SYFRESHAIR	Ambient Air	29/08/2028	

Completed By: Nicholas Shields

Signed: 

Date: 19.3.25

Attn: Michelle Delandro
JBS Environmental
Level 8, 179 Elizabeth Street
Sydney
NSW 2000

Ref. O/N TBA

Calibration Certificate # 5671

Manufacture/Model : Gas Data GFM436
S/N : 13071
Gases Monitored : CH4, 0-100%, CO2 0-100%, O2 0-25% & H2S, CO

Zero setting CH4/CO2/O2/H2S/CO : 0.0
Gas used : N2
Cylinder No. : BOC High Purity

Span setting CH4 : 60.0%
Gas used : 60.0% CH4 in CO2
Cylinder No. : Air Liquide 72927 (NATA)
60.0% CH4 in CO2 reads : 60.0%

Span setting CO2 : 40.0%
Gas used : 40.0% CO2 in CH4
Cylinder No. : Air Liquide 72927 (NATA)
40.0% CO2 in CH4 reads : 39.9%

Span setting O2 : 20.9% (Air) Reads 20.9%
Span setting 100ppm H2S reads : 100ppm
Span setting 479ppm CO reads : 475ppm

Cells replaced : Oxygen
Estimated Date of cell replacement : Oxygen 19.3.27

Comments : Calibration OK
Flow rate : 550ml/min. OK
Atm. Pressure 1001mb : 1000mb

Next Service/calibration Due : 19.3.26

Stephen Hurst
ANRI Instruments & Controls Pty Ltd

Date: 2.9.25

Attn: Michelle Delandro
JBS&G Environmental Pty. Ltd.
Level 1, 50 Margaret Street
Sydney
NSW 2000

Ref. O/N TBA

Calibration Certificate # 5717

Manufacture/Model : Gas Data GFM436
S/N : 13136
Gases Monitored : CH4, 0-100%, CO2 0-100%, O2 0-25%, H2S & CO

Zero setting CH4/CO2/O2/H2S/CO : 0.0
Gas used : N2
Cylinder No. : BOC High Purity

Span setting CH4 : 60.0%
Gas used : 60.0% CH4 in CO2
Cylinder No. : Air Liquide 72927 (NATA)
60.0% CH4 in CO2 reads : 59.8%

Span setting CO2 : 40.0%
Gas used : 40.0% CO2 in CH4
Cylinder No. : Air Liquide 72927 (NATA)
40.0% CO2 in CH4 reads : 40.1%

Span setting O2 : 20.9% (Air) Reads 20.9%
Span setting 100ppm H2S reads : 100ppm
Span setting 479ppm CO reads : 477ppm
Hexane : Factory setting

Cells replaced : -
Estimated Date of cell replacement : Oxygen 2.9.26

Comments : Calibration OK
Flow rate : 550ml/min. OK
Atm. Pressure 1005mb : 1004mb

Next Service/calibration Due : 2.9.26

Stephen Hurst
ANRI Instruments & Controls Pty Ltd

Calibration and Service Report

ABN: 74 619 717 350

Contact: 02 9730 2019

Email: rentals@experttesting.com.au

9/171 Power Street, Glendenning NSW 2761

Web: www.experttesting.com.au

Company: Expert Testing Services (Hire) Pty Ltd

Address: 9/171 Power Street
GLENDENNING NSW 2761

Phone: 02 9730 2019

Email: rentals@experttesting.com.au

Manufacturer: YSI

Instrum./Model: Pro Quatro

Client Company: JBS&G

Client Name: Laymond

Serial #: 21J102885

Cable S/N: 21M100418

Client Email:

Client Phone:

Item	Test	Pass	Comments
Battery	2 x Alkaline C-cells	✓	Voltage reading above 2.9V
	Battery Saver	✓	Automatically turns off after 60 minutes if not used
Connections	Condition	✓	Good, clean
Cable	Condition	✓	Clean, no tears
Display	Operation	✓	
Firmware	Version	✓	0.0.79
Keypad	Operational	✓	
Display	Screen	✓	
Unit	Condition, seals and O-rings	✓	
Monitor housing	Condition	✓	
pH			
	Condition	✓	Good, clean
	pH millivolts for pH7 calibration range 0 mV ± 50 mV	✓	
	pH 4 mV range + 165 to + 180 from 7 buffer mV value	✓	
	pH slope	✓	55 to 60 mV/pH; ideal 59mV
	Response time < 90 seconds	✓	
	Calibrated and conforms to manufacturer's specifications	✓	
ORP			
	Condition	✓	Good, clean
	Response time < 90 seconds	✓	
	within ± 80mv of reference Zobell Reading	✓	
	Calibrated and conforms to manufacturer's specifications	✓	Variance range ± 20mV
Conductivity			
	Condition	✓	Good, clean
	Temperature	✓	°C
	Conductivity cell constant 5.0 ± 1.0 in GLP file	✓	
	Clean sensor reads less than 3 uS/cm in dry air	✓	
	Calibrated and conforms to manufacturer's specifications	✓	µS/cm
Dissolved Oxygen			
	Condition	✓	Good, clean
	DO sensor in use	✓	Galvanic
	1.25 mil PE membrane (yellow membrane):	✓	
	DO Sensor Value	✓	(min 4.31 uA - max 8.00 uA) Avg 6.15 uA
	Calibrated and conforms to manufacturer's specifications	✓	ppm

Instrument Readings

Parameter	Standards	Reference	Calibration Point	Before	After	Units
Temperature	Hanna HI98509; SN:31E0C9	Room Temp.	25.6	N/A	25.6	°C
pH	pH 4.00	433231	4.01	4.56	4.01	pH
pH	pH 7.00	431241	7.00	7.51	7.00	pH
Conductivity	2760 µS/cm at 25°C	411815	2760	2724	2760	µS/cm
ORP (Ref. check only)	Zobell A & B	428645 & 428646	229.0	194.5	229.0	mV
Zero Dissolved Oxygen	NaSO3 in distilled water	3222201	0.0	-0.8	0.0	%
100% Dissolved Oxygen	100% Air Saturation	Fresh Air	99.6	117.9	99.6	%

Checked By: Milenko Sasic
Check Date: 16.10.2025

Due for Check: 16.04.2026



Calibration and Service Report

ABN: 74 619 717 350

Contact: 02 9730 2019

Email: rentals@experttesting.com.au

9/171 Power Street, Glendenning NSW 2761

Web: www.experttesting.com.au

Company: Expert Testing Services (Hire) Pty Ltd

Address: 9/171 Power Street
GLENDENNING NSW 2761

Phone: 02 9730 2019

Email: rentals@experttesting.com.au

Manufacturer: YSI

Instrum./Model: Pro Quatro

Client Company: JBS&G

Client Name: Laymond

Serial #: 21J102886

Cable S/N: 21M100418

Client Email:

Client Phone:

Item	Test	Pass	Comments
Battery	2 x Alkaline C-cells	✓	Voltage reading above 2.9V
	Battery Saver	✓	Automatically turns off after 60 minutes if not used
Connections	Condition	✓	Good, clean
Cable	Condition	✓	Clean, no tears
Display	Operation	✓	
Firmware	Version	✓	0.0.79
Keypad	Operational	✓	
Display	Screen	✓	
Unit	Condition, seals and O-rings	✓	
Monitor housing	Condition	✓	
pH			
	Condition	✓	Good, clean
	pH millivolts for pH7 calibration range 0 mV ± 50 mV	✓	
	pH 4 mV range + 165 to + 180 from 7 buffer mV value	✓	
	pH slope	✓	55 to 60 mV/pH; ideal 59mV
	Response time < 90 seconds	✓	
	Calibrated and conforms to manufacturer's specifications	✓	
ORP			
	Condition	✓	Good, clean
	Response time < 90 seconds	✓	
	within ± 80mv of reference Zobell Reading	✓	
	Calibrated and conforms to manufacturer's specifications	✓	Variance range ± 20mV
Conductivity			
	Condition	✓	Good, clean
	Temperature	✓	°C
	Conductivity cell constant 5.0 ± 1.0 in GLP file	✓	
	Clean sensor reads less than 3 uS/cm in dry air	✓	
	Calibrated and conforms to manufacturer's specifications	✓	µS/cm
Dissolved Oxygen			
	Condition	✓	Good, clean
	DO sensor in use	✓	Galvanic
	1.25 mil PE membrane (yellow membrane):	✓	
	DO Sensor Value	✓	(min 4.31 uA - max 8.00 uA) Avg 6.15 uA
	Calibrated and conforms to manufacturer's specifications	✓	ppm

Instrument Readings

Parameter	Standards	Reference	Calibration Point	Before	After	Units
Temperature	Hanna HI98509; SN:31E0C9	Room Temp.	24.5	N/A	24.5	°C
pH	pH 4.00	433231	4.00	4.37	4.00	pH
pH	pH 7.00	431241	7.01	7.32	7.01	pH
Conductivity	2760 µS/cm at 25°C	411815	2760	2752	2760	µS/cm
ORP (Ref. check only)	Zobell A & B	428645 & 428646	229.2	233.1	229.2	mV
Zero Dissolved Oxygen	NaSO3 in distilled water	3222201	0.0	4.4	0.0	%
100% Dissolved Oxygen	100% Air Saturation	Fresh Air	99.5	107.4	99.5	%

Checked By: Milenko Sasic

Check Date: 17.10.2025

Due for Check:

17.04.2026



Vapour Purging Form



Project Number: 70509	Date: 10 / 10 / 2025	Sampler/s: LC
Site Address: 191 Miller Street, Chester Hill	Sample Method: Vapour Pin	Weather: FINE

Field Measurements

Sample ID	Time	Oxygen	Carbon Dioxide	Methane	H2S	CO	LEL %	PID (ppm)	Leak Detection PID (ppm)	Shroud PID (ppm)	AFTER SAMPLING PID
SV202	8:00	19.8	0.3	0.0	0	0	0	0			
↓	+30s	19.9	0.3	0	0	0	0	0			
↓	↓	19.9	0.3	0	0	0	0	0			
↓	↓	19.9	0.3	0	0	0	0	0	0	81	0
SV203	8:13	9.8	4.5	0	0	10	0	0			
↓	+30s	9.2	5.2	0	0	0	0	0			
↓	↓	9.0	5.8	0	0	0	0	0			
↓	↓	8.7	6.2	0	0	0	0	0	0	124	0
SV201	8:18	2.1	0.1	2.0	0	13	42.4	0			
↓	+30s	2.9	0.1	1.9	0	10	46.1	0			
↓	↓	3.7	0.1	2.1	0	10	48.9	0			
↓	↓	4.0	0.1	2.1	0	10	48.7	0	0	143	0.1
SV206	8:35	17.7	0	0	0	10	0	0			
↓	+30s	17.7	0	0	0	10	0	0			
↓	↓	17.7	0	0	0	10	0	0			
↓	↓	17.7	0	0	0	10	0	0	0	108	0
SV205	8:41	9.8	0	0.1	0	10	0	0.1			
↓	+30s	8.7	0	0	0	10	0	0.1			
↓	↓	8.5	0	0	0	10	0	0.1			
↓	↓	8.5	0	0	0	10	0	0.1	0.1	97	0
SV204	9:15	15.0	0	0	0	10	0	0			
↓	+30s	12.4	0	0	0	10	0	0			
↓	↓	12.3	0	0	0	10	0	0			
↓	↓	12.3	0	0	0	10	0	0	0	110	0
SV208	9:28	19.4	0	0	0	0	0	0			
↓	+30s	19.3	0	0	0	0	0	0			
↓	↓	19.4	0	0	0	0	0	0			
↓	↓	19.4	0	0	0	0	0	0	0	64	0
SV214	9:44	17.4	2.1	0.2	0	0	8.2	0			
↓	+30s	5.9	2.6	0.5	0	0	13.5	0			
↓	↓	5.6	2.8	0.5	0	0	13.1	0			
↓	↓	5.4	2.9	0.5	0	0	12.2	0	0	78	
SV214	9:53	5.1	0.1	25.8	0	50	>>>>	0.1			
↓	+30s	1.5	0.2	27.6	0	50	>>>>	0.2			
↓	↓	1.5	0.3	22.0	0	57	>>>>	3.3			
↓	↓	1.5	0.3	21.7	0	62	>>>>	3.4	3.3	74	3.8

Vapour Purging Form



Project Number: 70509	Date: 10/10/2025	Sampler/s: LC
Site Address: 191 Miller Street, Chester Hill	Sample Method: Vapour Pin	Weather: FINE

Field Measurements

Sample ID	Time	Oxygen	Carbon Dioxide	Methane	H2S	CO	LEL %	PID (ppm)	Leak Detection PID (ppm)	Shroud PID (ppm)
SV213	10:15	0.1	0	1.4	0	25	32.5	0.12		
	+20s	0	0	1.2	0	21	28.4	0.1		
		0	0	1.0	0	20	22.5	0.1		
		0	0	0.8	0	18	18.4	0.1	0.1	93
SV212	10:19	2.0	1.8	15.5	0	82	>>>	0.0		
	+10s	0.2	2.5	17.0	0	80	>>>	0.1		
		0	3.2	17.5	0	73	>>>	0.1		
		0	3.6	18.0	0	72	>>>	0.1	0.1	83
SV214	10:54	19.8	0.1	0	0	12	0	0		
	+20s	20.1	0.1	0	0	10	0	0		
		20.0	0.1	0	0	10	0	0		
		26.0	0.1	0	0	10	0	0	0.1	70
SV223	10:59	1.7	4.1	0	0	14	0	0		
	+10s	0.6	4.2	0	0	10	0	0		
		0.5	4.2	0	0	10	0	0		
		0.5	4.2	0	0	10	0	0		
SV225	11:26	11.9	0.6	0	0	17	0	0		
	+30s	11.0	1.0	0	0	14	0	0		
		10.9	1.6	0	0	11	0	0		
		10.9	1.8	0	0	10	0	0	0	89
SV226	11:30	17.7	0.1	0	0	10	0	0		
	+30s	17.3	0.1	0	0	14	0	0		
		17.3	0.1	0	0	14	0	0		
		17.3	0.2	0	0	14	0	0	0	76
SV227	11:34	16.6	0.1	0	0	11	0	0.1		
	+30s	15.3	0.3	0	0	11	0	0.1		
		15.2	0.4	0	0	11	0	0.1		
		15.2	0.4	0	0	11	0	0.1	0.1	84



Vapour Purging Form

Project Number: 70509	Date: 13 / 10 / 2025	Sampler/s: LC
Site Address: 191 Miller Street, Chester Hill	Sample Method: Vapour Pin	Weather: FINE

Field Measurements

Sample ID	Time	Oxygen	Carbon Dioxide	Methane	H2S	CO	LEL %	PID (ppm)	Leak Detection PID (ppm)	Shroud PID (ppm)	AFTER SAMPLING (PID)
SV207	8:07	11.3	5.2	0.1	0	0	0	1.0			
↓	+30s	4.6	7.0	0	0	0	0	1.0			
↓	↓	4.6	7.1	0	0	0	0	0.9			
↓	↓	4.7	7.2	0	0	0	0	1.0	1.1	83	0.14
SV211	8:17	19.1	0	0	0	0	0	1.5			
↓	+30s	19.3	0	0	0	0	0	2.1			
↓	↓	19.3	0	0	0	0	0	4.3			
↓	↓	19.3	0	0	0	0	0	5.9	6.0	75	0.1
SV210	8:25	0.9	0.0	1.7	0	10	42.8	4.5			
↓	+30s	0	0	1.8	0	10	43.1	4.7			
↓	↓	0	0	1.9	0	10	43.8	5.1			
↓	↓	0	0	1.9	0	10	44.1	5.2	5.5	103	0.3
SV209	8:31	10.5	0.5	0	0	0	0	4.6			
↓	+30s	9.4	0.4	0	0	0	0	4.7			
↓	↓	9.4	1.3	0	0	0	0	4.7			
↓	↓	9.4	1.3	0	0	0	0	4.7	4.8	94	0.3
SV214	8:40	5.4	0	0	0	0	0	1.5			
↓	+30s	4.8	0	0	0	0	0	1.6			
↓	↓	4.7	0	0	0	0	0	1.7			
↓	↓	4.7	0	0	0	0	0	1.7	1.8	75	0.2
SV215	8:45	18.6	1.7	0	0	0	0	0			
↓	+30s	18.8	1.7	0	0	0	0	0			
↓	↓	18.9	1.6	0	0	0	0	0			
↓	↓	18.9	1.6	0	0	0	0	0	0	64	0.1
SV218	8:49	19.7	0	0	0	0	0	0			
↓	+30s	19.7	0	0	0	0	0	0			
↓	↓	19.7	0	0	0	0	0	0			
↓	↓	19.7	0	0	0	0	0	0	0	72	0.1
SV219	9:21	16.9	0.4	0	0	0	0	0.5			
↓	+30s	16.8	0.4	0	0	0	0	0.6			
↓	↓	16.7	0.5	0	0	0	0	0.7			
↓	↓	16.7	0.5	0	0	0	0	0.7	0.7	457	0.3
SV220	9:35	17.5	1.9	0	0	10	0	0.2			
↓	+30s	18.0	1.6	0	0	0	0	0.2			
↓	↓	18.2	1.4	0	0	0	0	0.3			
↓	↓	18.4	1.3	0	0	0	0	0.3	0.3	84	0.1

Vapour Purging Form



Project Number: 70509	Date: 13 / 10 / 2025	Sampler/s: LC
Site Address: 191 Miller Street, Chester Hill	Sample Method: Vapour Pin	Weather: FINE

Field Measurements

Sample ID	Time	Oxygen	Carbon Dioxide	Methane	H2S	CO	LEL %	PID (ppm)	Leak Detection PID (ppm)	Shroud PID (ppm)
SV221	9:43	15.0	4.1	0	0	0	0	0.1		
	+30s	16.1	3.4	0	0	0	0	0.1		
	↓	16.3	3.3	0	0	0	0	0.2		
	↓	16.6	3.2	0	0	0	0	0.2	0.2	84
SV222	9:53	16.9	3.6	0	0	10	0	0		
	+30s	17.0	3.1	0	0	0	0	0		
	↓	17.9	2.2	0	0	0	0	0		
	↓	18.3	1.9	0	0	0	0	0	0	75
SV217A	10:06	0.0	0.4	1.3	0	10	31.5	12.6		
	+30s	0.0	0.7	1.3	0	10	31.0	13.6		
	↓	2.2	1.0	1.3	0	10	31.7	13.7		
	↓	2.4	1.1	1.4	0	10	32.2	13.7	13.8	89
SV217B	10:13	14.8	0	0	0	0	0	0		
	+30s	0.4	0	0	0	10	0	0		
	↓	0.9	0	0	0	0	0	0		
	↓	1.4	0	0	0	0	0	0	0	74
SV213A	10:29	19.2	0	0	25	510	0	0		
	+30s	3.9	0	0	25	63	0	0		
	↓	3.0	0	0	25	35	0	0		
	↓	2.9	0	0	25	15	0	0	0	65
SV213B	10:47	7.8	0	0	0	10	0	0		
	+30s	7.4	0	0	0	0	0	0.1		
	↓	7.4	0	0	0	0	0	0		
	↓	7.4	0	0	0	0	0	0.1	0	57
SV237	10:58	16.9	0.4	0	0	10	0	0.4		
	+30s	18.0	0.5	0	0	10	0	0.8		
	↓	18.3	0.5	0	0	10	0	0.9	0.8	63
	↓	18.5	0.5	0	0	10	0	0.9	0.8	63
SV238	11:09	4.5	0	0	0	10	0	0		
	+30s	1.2	0	0	0	10	0	0		
	↓	0.1	0	0	0	10	0	0		
	↓	0	0	0	0	10	0	0.1	0.1	85
SV236	11:27	13.7	0	0	0	12	0	1.4		
	+30s	3.2	0	0	0	10	0	1.5		
	↓	3.5	0	0	0	0	0	1.6		
	↓	3.7	0	0	0	0	0	1.7	1.7	91

High
Sample
PID

RC
2025/10/13

Vapour Purging Form



PAGE 3 of 3

Project Number: 70509	Date: 13 / 10 / 2025	Sampler/s: LC
Site Address: 191 Miller Street, Chester Hill	Sample Method: Vapour Pin	Weather: PINE

APPROVED: 0 0 0 0 0 0 0 0 0 0

Field Measurements

Sample ID	Time	Oxygen	Carbon Dioxide	Methane	H2S	CO	LEL %	PID (ppm)	Leak Detection PID (ppm)	Shroud PID (ppm)
SV225	11:32	2.8	0	0	0	20	0	28.7		
	+30s	4.0	0	0	0	13	0	29.8		
		5.9	0	0	0	10	0	32.7		
		7.1	0	0	0	10	0	31.8	32.0	85
SV222	11:50	15.1	0	2.0	0	75	0	48.9		
	+30s	14.3	0	2.3	0.25	95	0	53.8	0.1	
		13.8	0	2.5	25	97	0	56.8	0.1	
		13.8	0	2.4	30	94	0	56.1	0.1	94
SV220	11:54	16.1	0	1.4	25	110	0	41.3		
	+30s	13.5	0	2.0	40	201	0	46.4	0.1	
		14.1	0	2.0	50	187	0	46.6	0.1	
		14.5	0	2.0	60	170	0	47.4	0.1	82
SV221	12:08	16.8	0.1	0	0	10	0	3.1		
	+30s	8.4	0.1	0	0	10	0	0.1		
		8.9	0.1	0	0	10	0	0.2		
		9.9	0.1	0	0	10	0	0.2	0.2	94
SV231	12:48	15.6	3.5	0	0	38	0	0.3		
	+30s	12.5	3.7	0	0	29	0	0.4		
		12.5	3.7	0	0	71	0	0.5		
		12.5	3.7	0	0	213	0	0.5	0.5	85
SV232	12:56	20.5	0	0	0	10	0	0.2		
	+30s	20.5	0	0	0	10	0	0.2		
		20.5	0	0	0	10	0	0.2		
		20.5	0	0	0	10	0	0.3	0.3	72
SV233	13:01	20.7	0	0	0	10	0	0.7		
	+30s	20.7	0	0	0	10	0	0.7		
		20.6	0	0	0	10	0	0.7		
		20.6	0	0	0	10	0	0.8	0.8	84
SV226	13:15	18.1	0	0	0	10	0	0.4		
	+30s	17.8	0	0	0	10	0	0.4		
		17.8	0	0	0	10	0	0.4		
		17.8	0	0	0	10	0	0.4	0.4	97
SV229	13:27	20.0	0.6	0	0	13	0	0.5		
	+30s	19.9	0.7	0	0	11	0	0.5		
		19.9	0.7	0	0	16	0	0.6		
		19.9	0.7	0	0	10	0	0.7	0.8	92
SV230	13:35	20.4	0	0	0	13	0	0.1		
	+30s	20.4	0	0	0	10	0	0.1		
		20.4	0	0	0	10	0	0.1	0.1	84
SV228	13:40	20.3	0.3	0	0	10	0	0.3		
		20.2	0.4	0	0	10	0	0.3		
		20.0	0.4	0	0	10	0	0.3	0.3	86

P227
Shroud
PID

30.8

RA
2025/10/13
2

QC
2025/10/13
2

Field Measurements

[illegible]

Vapour Purging Form



Project Number: 70509	Date: 21 / 10 / 2025	Sampler/s: LC
Site Address: 191 Miller Street, Chester Hill	Sample Method: Vapour Pin	Weather: FINE

Field Measurements

Sample ID	Time	Oxygen	Carbon Dioxide	Methane	H2S	CO	LEL %	PID (ppm)	Leak Detection PID (ppm)	Shroud PID (ppm)	AFTER SAMPLING PID
SV243	6:30	13.5	4.3	0	0	10	0	0.6			
	+30s	12.9	4.3	0	0	0	0	0.4			
	↓	12.7	4.4	0	0	0	0	0.2			
	↓	12.7	4.4	0	0	0	0	0.0	0	115	0
SV244	7:30	3.3	0.9	0	0	0	0	0.4			
	+30s	0.3	0.9	0	0	0	0	0.6			
	↓	0	0.9	0	0	0	0	0.7			
	↓	0	1.0	0	0	0	0	0.6	0.6	108	0.6
SV245	8:27	12.2	6.8	0	0	0	0	0.6			
	+30s	9.8	7.4	0	0	0	0	0.7			
	↓	9.8	7.5	0	0	0	0	0.7			
	↓	9.8	7.5	0	0	0	0	0.6	0.6	97	0.6
SV246	8:35	17.0	3.8	0	0	0	0	0.8			
	+30s	16.7	3.8	0	0	0	0	0.8			
	↓	16.5	3.9	0	0	0	0	0.8			
	↓	16.5	3.9	0	0	0	0	0.8	0.8	84	0.7
SV247	8:44	12.7	7.6	0	0	0	0	0.8			
	+30s	12.6	7.6	0	0	0	0	0.7			
	↓	12.6	7.6	0	0	0	0	0.7			
	↓	12.6	7.6	0	0	0	0	0.7	0.7	134	0.6
SV248	8:56	13.6	4.2	0	0	15	0	0.9			
	+30s	2.7	4.8	0	0	12	0	0.9			
	↓	2.2	4.9	0	0	0	0	0.9			
	↓	2.2	4.9	0	0	0	0	1.0	1.0	89	0.8
SV249	9:03	5.8	6.9	0	0	0	0	23.3			
	+30s	5.4	7.0	0	0	0	0	22.9			
	↓	5.4	7.0	0	0	0	0	23.0			
	↓	5.4	7.0	0	0	0	0	23.1	23.2	115	29.8
SV250	9:13	18.9	0.3	0	0	0	0	0.8			
	+30s	11.7	0.5	0.3	0	0	9.2	1.3			
	+30s	10.7	0.6	0.4	0	0	11.7	1.3			
	↓	10.6	0.6	0.6	0	0	14.7	1.3	1.3	124	1.8
SV251	9:18	17.7	1.4	0	0	10	0	139.1			
	+30s	14.0	1.6	0	0	10	0	151.1			
	↓	14.2	1.7	0	0	10	0	169.0			
	↓	14.6	1.7	0	0	10	0	172.0	175	135	

NOT LEAKING BUT
DUE TO SAMPLE
POINT HAVING
HIGH PID

Vapour Purging Form

Project Number: 70509	Date: 21 / 10 / 2025	Sampler/s: LC
Site Address: 191 Miller Street, Chester Hill	Sample Method: Vapour Pin	Weather: FINE

Field Measurements

Sample ID	Time	Oxygen	Carbon Dioxide	Methane	H2S	CO	LEL %	PID (ppm)	Leak Detection PID (ppm)	Shroud PID (ppm)
SV252	9:54	12.0	2.5	0	0	10	0	66.0		
	+30s	9.0	2.7	0	0	0	0	68.4		
	↓	9.2	2.6	0	0	0	0	68.1		
	↓	9.4	2.6	0	0	0	0	68.1	68.1	98
SV252	10:00	13.4	0.5	0	0	0	0	1.6		
	+30s	7.3	1.7	0	0	10	0	1.5		
	↓	7.0	1.0	0	0	10	0	1.5		
	↓	6.1	2.0	0	0	10	0	1.5	1.5	101
SV254	10:29	12.5	3.5	0	0	0	0	0.6		
	+30s	11.5	4.4	0	0	0	0	0.6		
	↓	11.5	4.5	0	0	0	0	0.6		
	↓	9.5	4.5	0	0	0	0	0.6	0.6	123
SV255	10:42	19.0	1.2	0	0	0	0	0.4		
	+30s	18.4	1.4	0	0	0	0	0.5		
	↓	18.3	1.4	0	0	0	0	0.4		
	↓	18.3	1.4	0	0	0	0	0.4	0.4	89
SV256	11:30	12.4	5.6	0	0	0	0	0.7		
	+30s	12.2	6.3	0	0	0	0	0.6		
	↓	12.1	6.7	0	0	0	0	0.6		
	↓	12.0	6.8	0	0	0	0	0.6	0.6	124

AFTER
SAMPLES
PRO

Vapour Sampling Form


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OF 2

10-14

Project Number: 70509	Date: /10/2025	Sampler/s: LC
Site Address: 191 Miller Street, Chester Hill	Sample Method:	Weather:

Field Measurements

Borehole ID	Type of Vapour Sample (Probe/ Pin)	Pump ID	Pump Time On	Pump Time Off	Total Run Time (min)	Flow Rate (mL/min)	Sample Volume (L)
10/10/25 SV202	PIN	AC106	8:10	9:10	60	0.1	6
SV203	"	AC083	8:16	9:16	60	0.1	6
SV201		AC188	8:20	9:20	60	0.1	6
SV206		AC057	8:38	9:38	60	0.1	6
SV205		AC174	8:44	9:44	60	0.1	6
SV204		AC103	9:19	10:19	60	0.1	6
QA2025100-1		AC083	9:21	10:21	60	0.1	6
QC2025100-1		AC188	9:24	10:24	60	0.1	6
SV208		AC106	9:31	10:31	60	0.1	6
SV212 6		AC174	9:52	10:52	60	0.1	6
SV212 7		AC057	9:57	10:57	60	0.1	6
SV213		AC172	10:18	11:18	60	0.1	6
SV212		AC049	10:22	11:22	60	0.1	6
SV212		AC103	10:58	11:58	60	0.1	6
SV223		AC083	11:03	12:03	60	0.1	6
SV225		AC057	11:29	12:29	60	0.1	6
SV226		AC171	11:33	12:33	60	0.1	6
SV227		AC188	11:38	12:38	60	0.1	6
SV207	PIN	AC106	8:13	9:13	60	0.1	6
SV211		AC083	8:23	9:23	60	0.1	6
SV210		AC003	8:29	9:29	60	0.1	6
SV209		AC188	8:35	9:35	60	0.1	6
SV214		AC049	8:45	9:45	60	0.1	6
SV215		AC057	8:47	9:47	60	0.1	6
SV218		AC172	8:54	9:54	60	0.1	6
QA2025100-1		AC106	9:14	10:14	60	0.1	6
SV220		AC188	9:40	10:40	60	0.1	6
SV221		AC049	9:46	10:46	60	0.1	6
SV222		AC172	9:58	10:58	60	0.1	6
SV219		AC103	9:33	10:33	60	0.1	6
SV217A		AC057	10:11	11:11	60	0.1	6
SV217B		AC106	10:16	11:16	60	0.1	6
SV213A		AC188	10:45	11:45	60	0.1	6
SV213B		AC103	10:50	11:50	60	0.1	6
SV237		AC049	11:05	12:05	60	0.1	6
SV238		AC172	11:11	12:11	60	0.1	6

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2

2

Field Measurements

Vapour Sampling Form



Project Number: 70509	Date: 21 / 10 / 2025	Sampler/s: LC
Site Address: 191 Miller Street, Chester Hill	Sample Method: PIN	Weather: FINE

Borehole ID	Type of Vapour Sample (Probe/ Pin)	Field Measurements					
		Pump ID	Pump Time On	Pump Time Off	Total Run Time (min)	Flow Rate (mL/min)	Sample Volume (L)
SV243	PIN	AC085	6:35	7:35	60	0.1	6
SV244	PIN	AC147	7:34	8:34	60	0.1	6
SV245	PIN	AC085	8:31	9:31	60	0.1	6
SV246	PIN	AC147	8:40	9:40	60	0.1	6
SV247		AC085	9:32	10:32	60	0.1	6
SV248		AC147	10:41	11:41	60	0.1	6
SV249		AC195	10:01	11:01	60	0.1	6
SV250		AC65	10:05	11:05	60	0.1	6
SV251		AC085	10:33	11:33	60	0.1	6
SV252		AC195	11:03	12:03	60	0.1	6
SV253		AC147	11:42	12:42	60	0.1	6
SV254		AC065	11:07	12:07	60	0.1	6
SV255		AC085	11:35	12:35	60	0.1	6
SV256		AC195	12:05	13:05	60	0.1	6

Groundwater Gauging Data

PROJECT NAME: MR CHESTER	PROJECT NO: 70509
FIELDWORK DATES: 20/10/25	SAMPLERS: L. CHU
TYPE OF INVESTIGATION: GME	PROJECT MANAGER: C. BIELBY

WELL ID	DATE	TIME	DEPTH TO LNAPL (mbtoc)	DEPTH TO WATER (mbtoc)	DEPTH TO DNAPL (mbtoc)	TOTAL DEPTH (mbtoc)	NAPL VISUALLY VERIFIED	COMMENTS
MW18								
MW18	20/10/25	4:27	—	1.564	—	5.569	—	NO ODOUR/ SHEEN
MW33		6:08	—	2.020	—	4.364	—	NO ODOUR/ SHEEN
MW34		6:57	—	3.161	—	3.8763	—	NO ODOUR/ SHEEN
2017- MW03		8:05	—	1.337	—	7.465	—	SULFUR ODOUR/ NO SHEEN
MW32		8:59	—	3.313	—	4.357	—	815MM STICKUP → No o/s
MW29		10:26	—	3.657	—	4.307	—	850MM STICKUP → NO O/S
MW30		11:08	—	3.429	—	4.904	—	840MM STICKUP → NO O/S

Notes:

Groundwater Gauging Data

PROJECT NAME: <u>7: Chester Hill</u>	PROJECT NO: <u>70509</u>
FIELDWORK DATES: <u>20/10/25 - 21/10/25</u>	SAMPLERS: <u>LC/HRM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>

WELL ID	DATE	TIME	DEPTH TO LNAPL (mbtoc)	DEPTH TO WATER (mbtoc)	DEPTH TO DNAPL (mbtoc)	TOTAL DEPTH (mbtoc)	NAPL VISUALLY VERIFIED	COMMENTS
MW23	20/10	5:30	-	0.81	-	3.875	-	QAQC collected
MW22	20/10	6:42	-	1.138	-	3.901	-	
MW21	20/10	7:28	-	1.259	-	2.895	-	
MW20	20/10	8:19	-	1.337	-	4.430	-	
MW19	20/10	8:57	-	1.434	-	5.025	-	
MW38	20/10	10:25	-	0.635	-	3.830	-	
MW35D	20/10	11:20	-	0.835	-	6.868	-	
MW35S	20/10	11:50	-	0.8794	-	3.890	-	
MW37	21/10	6:00	-	0.953	-	3.788	-	
MW24	21/10	7:00	-	2.621	-	8.375	-	
MW26	21/10	7:50	-	1.069	-	3.945	-	
MW27	21/10	8:25	-	0.526	-	5.121	-	
MW28	21/10	9:15	-	0.400	-	4.426	-	
MW31	21/10	10:00	-	2.140	-	4.760	-	

Notes:

Groundwater Sampling Form

PROJECT NAME: MR Chester	PROJECT NO: 70509
SAMPLING DATES: 20 / 10 / 2025	SAMPLERS: Laymond Chu
TYPE OF INVESTIGATION: GME	PROJECT MANAGER: Chris Bielby
WELL ID: MW 03	WEATHER: FINE

Casing Diameter (mm): 50mm	Depth to NAPL (mBTC):
Well Completion: Flush Mount / Monument	Depth to SWL (mBTC): 1.357
Well Cap Type: Locking Cap / PVC / Other	NAPL Thickness (m):
Well Condition: Good / Compromised	Depth to EoH (mbtoc): 7.465
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method: Peristaltic Pump @ 0.600 mBTC	NAPL Visually Verified?

TIME	VOLUME PURGED L	DISSOLVED OXYGEN ☒ mg/L-1/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTC)
8:11	0	0.73	20.4	6.65	10916	46.3	1.374
8:14	0.6	0.17	20.6	6.56	12500	-101.5	1.383
8:17	1.2	0.29	20.6	6.56	12371	-67.8	1.387
8:20	1.8	0.64	20.6	6.57	12829	-47	1.389
8:23	2.3	1.08	20.6	6.57	12822	-38	1.396
8:26	2.8	1.40	20.6	6.57	12815	-35	1.398
8:29	3.2	1.60	20.7	6.57	12836	-31	1.401
8:32	3.8	1.77	20.8	6.57	12874	-27	1.409
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart) PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: Cloudy Low Turbidity	Sheen: YES / NO
Colour: Colourless	Odour: YES / NO
Primary sample ID: MW 03	No. Container / Preservative
Duplicate/ Triplicate sample: YES / NO ID:	4XVIALS + AMBER
Rinsate sample: YES / NO ID:	
Sample on ice: YES / NO	
Field Filter Method: 0.45µm filter / not filtered	
Water Quality Metre: YSI	
Gauging Equipment: Interphase Probe	

NOTES:

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: MR Chester	PROJECT NO: 70509
SAMPLING DATES: 20 / 10 / 2025	SAMPLERS: Laymond Chu
TYPE OF INVESTIGATION: GME	PROJECT MANAGER: Chris Bielby
WELL ID: MW 18	WEATHER: FINE

Casing Diameter (mm): 50mm	Depth to NAPL (mBTC): —
Well Completion: Flush Mount / Monument	Depth to SWL (mBTC): 1.564
Well Cap Type: Locking Cap / PVC / Other	NAPL Thickness (m): —
Well Condition: Good / Compromised	Depth to EoH (mbtoc): 5.569
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method: Bladder Pump PERISUMP @ 4.000 mBTC	NAPL Visually Verified? —

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☒ mgL-1/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTC)
4:43	0	1.70	18.8	4.55	11657	-29.2	1.714
4:46	0.6	2.29	18.6	4.69	11328	12.6	1.881
4:49	1.2	2.99	18.6	4.61	10803	23.0	1.938
4:52	1.8	4.22	18.5	4.56	10225	43.2	2.046
4:55	2.4	4.13	18.5	4.56	10045	59.8	2.189
4:58	3.0	4.69	18.5	4.56	9988	67.8	2.234
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart) PURGE: Min. sampling volume is 4 casing volumes or dry twice — 1 casing volume (50mm wells) = 2 L/m — 1 casing volume (100mm wells) = 8 L/m

Clarity: Low Turbidity	Sheen: YES / NO
Colour: LT Brown	Odour: YES / NO
Primary sample ID: MW 18	No. Container / Preservative
Duplicate/ Triplicate sample: YES / NO ID:	4 VIALS + 1 AMBER
Rinsate sample: YES / NO ID:	
Sample on ice: YES / NO	
Field Filter Method: 0.45µm filter / not filtered	
Water Quality Metre: YSI	21J102885
Gauging Equipment: Interphase Probe	

NOTES:

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chester</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>20/10/25</u>	SAMPLERS: <u>LC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW19</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTC): <u>1.434</u>
Well Cap Type: <u>Locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mbtoc): <u>5.025</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTC)
9:06	0.4	5.55	19.8	6.11	20047	180.2	<u>SWL</u> 1.501
9:09	0.8	4.63	19.4	6.14	19824	177.0	1.558
9:12	1.2	5.02	19.6	6.17	19609	178.2	1.586
9:15	1.6	5.03	19.4	6.18	19542	179.3	1.630
9:18	2	5.25	19.7	6.22	19498	180.0	1.663
9:22	2.4	4.76	19.7	6.21	19478	181.0	1.680
9:25	2.8	4.81	19.7	6.20	19500	181.3	1.693
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: <u>Clear</u>	Sheen: YES / <u>NO</u>
Colour: <u>Slight yellow</u>	Odour: YES / <u>NO</u>

Primary sample ID:	MW19	No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4x vials, 1x Amber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / <u>not filtered</u>		
Water Quality Metre:	ProQuatro-211102886		
Gauging Equipment:	IP		
Pump Type:	Peri-pump 7754		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chester</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>20/10/25</u>	SAMPLERS: <u>LC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW20</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTOC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTOC): <u>1.337</u>
Well Cap Type: <u>Locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mBTOC): <u>4.430</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTOC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC _S/cm	ORP mV	Comments Inc SWL for low flow (mBTOC)
<u>8:25</u>	<u>0.4</u>	<u>5.33</u>	<u>18.8</u>	<u>6.61</u>	<u>16106</u>	<u>162.9</u>	<u>SWL</u> <u>1.435</u>
<u>8:28</u>	<u>0.8</u>	<u>5.23</u>	<u>18.8</u>	<u>6.63</u>	<u>16089</u>	<u>163.0</u>	<u>1.463</u>
<u>8:31</u>	<u>1.2</u>	<u>5.41</u>	<u>18.8</u>	<u>6.63</u>	<u>16058</u>	<u>163.5</u>	<u>1.526</u>
<u>8:34</u>	<u>1.6</u>	<u>5.63</u>	<u>18.9</u>	<u>6.62</u>	<u>16094</u>	<u>164.3</u>	<u>1.555</u>
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: <u>Clear</u>	Sheen: YES / <u>NO</u>
Colour: <u>Very Very Slight yellow</u>	Odour: YES / <u>NO</u>

Primary sample ID:	MW20	No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4xVials, 1xAmber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / <u>not filtered</u>		
Water Quality Metre:	Pro Quatro - 211102886		
Gauging Equipment:	IP		
Pump Type:	Peri-pump 7759		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chester</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>20/10/25</u>	SAMPLERS: <u>LC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW21</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTC): <u>1.259</u>
Well Cap Type: <u>Locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mbtoc): <u>2.895</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTC) <u>SWL</u>
7:38	0.3	5.15	18.5	6.91	7492	138.9	1.334
7:41	0.6	4.91	18.5	6.92	7552	135.8	1.383
7:44	0.9	4.92	18.6	6.92	7637	135.4	1.425
7:47	1.2	4.84	18.8	6.91	7983	136.8	1.478
7:51	1.5	4.85	18.8	6.91	8161	137.5	1.490
7:54	1.8	5.03	18.9	6.91	8311	137.7	1.506
7:57	2.3	4.82	18.9	6.89	8869	140.1	1.537
8:00	2.8	4.75	18.9	6.87	8957	140.7	1.563
8:03	3.2	4.56	19.0	6.85	9236	142.6	1.572
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity:	<u>Colourless</u>	Sheen:	YES / <u>NO</u>
Colour:	<u>109 Slight yellow</u>	Odour:	YES / <u>NO</u>

Primary sample ID:	MW21	No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4x vials, 1x Amber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / <u>not filtered</u>		
Water Quality Metre:	<u>Pro Quattro</u> <u>21102886</u>		
Gauging Equipment:	<u>IP</u>		
Pump Type:	<u>Peri-pump 7759</u>		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Primary sample ID:	MW22	No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4xVials, 1x Amber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / not filtered		
Water Quality Metre:	Pro Quattro 21102886		
Gauging Equipment:	IP		
Pump Type:	Peri-pump 7759		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Primary sample ID:	MW23	No.	Container / Preservative
Duplicate sample:	☒ YES / NO ID: QA20251020-02		4xVials + 1x Amber
Triplicate sample:	☒ YES / NO ID: QC20251020-1		↓
Rinsate sample:	YES / ☒ NO ID:		
Sample on ice:	☒ YES / NO		
Field Filter Method:	0.45µm filter / ☒ not filtered		
Water Quality Metre:	168 215102886		
Gauging Equipment:	IP ProQuattro		
Pump Type:	Peri-pump 7759		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MW24 MR Chester</u>	PROJECT NO: <u>60509</u>
SAMPLING DATES: <u>21/10/25</u>	SAMPLERS: <u>LC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW24</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTC): <u>2.621</u>
Well Cap Type: <u>Locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mBTC): <u>8.375</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTC) <u>SWL</u>
7:09	0.4	4.20	19.0	6.61	22234	151.3	1.655
7:12	0.8	3.32	19.0	6.62	22494	148.3	1.695
7:15	1.2	3.47	19.0	6.62	22513	148.9	1.703
7:18	1.6	3.96	19.0	6.63	22451	149.9	1.755
7:21	2	3.83	19.0	6.64	22482	150.7	1.783
7:24	2.4	3.71	19.0	6.64	22493	150.8	1.798
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: <u>Clear</u>	Sheen: YES <u>NO</u>
Colour: <u>Very slight yellow</u>	Odour: YES <u>NO</u>

Primary sample ID:	MW24	No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4x vials 1x Amber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / not filtered		
Water Quality Metre:	Pro Quatro 21102886		
Gauging Equipment:	TP		
Pump Type:	Peri Pump 7759		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chester</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>21/10/25</u>	SAMPLERS: <u>LC/HRM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW25</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTOC):
Well Completion: <u>Flush Mount / Monument</u>	Depth to SWL (mBTOC): <u>0.739</u>
Well Cap Type: <u>Locking Cap / PVC / Other</u>	NAPL Thickness (m):
Well Condition: <u>Good / Compromised</u>	Depth to EoH (mbtoc): <u>4.515</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTOC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTOC)
11:42	0.4	0.31	22.4	7.73	3368	108.0	SWL 0.740
11:45	0.8	0.02	22.5	7.72	3327	108.4	0.740
11:48	1.2	-0.11??	22.4				
11:51	1.6						
11:54	2						
12:00	3	0.15	23.0	7.77	3232	-10.1	Changed Y&I, was showing negative DO 0.740
12:03	3.4	0.15	23.0	7.73	3228	-5.2	0.740
12:06	3.8	0.16	22.9	7.77	3221	-2.6	0.740
12:09	4.2	0.15	22.9	7.76	3217	-3.8	0.740
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity:	<u>Slight low Turbidity</u>	Sheen:	<u>YES / NO</u>
Colour:	<u>Slight yellow</u>	Odour:	<u>YES / NO</u> <u>Slight Hydrocarbon</u>

Primary sample ID:		No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4 Vials, 1 x Amber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / <u>not filtered</u>		
Water Quality Metre:	ProQuato		
Gauging Equipment:	IP		
Pump Type:	Peri-pump		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chester</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>21/10</u>	SAMPLERS: <u>LC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW26</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTC): <u>1.069</u>
Well Cap Type: <u>Locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mbtoc): <u>3.945</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC _S/cm	ORP mV	Comments Inc SWL for low flow (mBTC) <u>SWL</u>
<u>7:57</u>	<u>0.4</u>	<u>3.40</u>	<u>19.3</u>	<u>7.04</u>	<u>11256</u>	<u>150.3</u>	<u>1.134</u>
<u>8:00</u>	<u>0.8</u>	<u>3.15</u>	<u>19.3</u>	<u>6.99</u>	<u>11148</u>	<u>150.3</u>	<u>1.199</u>
<u>8:03</u>	<u>1.2</u>	<u>3.15</u>	<u>19.4</u>	<u>6.98</u>	<u>11108</u>	<u>150.6</u>	<u>1.245</u>
<u>8:06</u>	<u>1.6</u>	<u>3.18</u>	<u>19.4</u>	<u>6.98</u>	<u>11104</u>	<u>150.8</u>	<u>1.297</u>
<u>8:09</u>	<u>2</u>						
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: <u>Clear</u>	Sheen: YES / <u>NO</u>
Colour: <u>Slight yellow</u> <u>very</u>	Odour: YES / <u>NO</u>

Primary sample ID:	MW26	No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4x Vials, 1x Amber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / <u>not filtered</u>		
Water Quality Metre:	ProQuato-21102886		
Gauging Equipment:	IP		
Pump Type:	Peri-pump SS 71		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR chester</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>21/10/23</u>	SAMPLERS: <u>LC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW27</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTOC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTOC): <u>0.526</u>
Well Cap Type: <u>Locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mBTOC): <u>5.121</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTOC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC _S/cm	ORP mV	Comments Inc SWL for low flow (mBTOC)
8:36	0.4	3.40	21.3	6.63	17626	168.1	<u>SWL</u> 0.646
8:39	0.8	3.17	21.2	6.65	17620	165.9	0.834
8:42	1.2	2.93	21.1	6.65	17566	166.3	0.865
8:45	1.6	2.63	21.3	6.66	17592	166.6	0.941
8:48	2	2.53	21.4	6.65	17616	166.5	0.999
8:51	2.4	2.47	21.4	6.65	17599	166.5	1.096
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity:	<u>Clear</u>	Sheen:	YES / <u>NO</u>
Colour:	<u>Colourless</u>	Odour:	YES / <u>NO</u>

Primary sample ID:		No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4x vials, 1x Amber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / <u>not filtered</u>		
Water Quality Metre:	ProQuatro-211102886		
Gauging Equipment:	IP		
Pump Type:	Peripump SS79		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chester</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>21/10/25</u>	SAMPLERS: <u>LC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>EB</u>
WELL ID: <u>MW28</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTC): <u>0.400</u>
Well Cap Type: <u>Locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mBTC): <u>4.926</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTC)
9:25	0.4	3.90	20.7	6.78	15929	174.0	SWL 0.491
9:28	0.8	3.89	21.3	6.80	16035	170.7	0.560
9:31	1.2	3.61	21.1	6.80	15988	170.4	0.602
9:34	1.6	3.80	21.2	6.81	16011	169.5	0.658
9:37	2	3.70	21.3	6.81	16042	169.4	0.681
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: <u>Clear</u>	Sheen: YES / <u>NO</u>
Colour: <u>very slight yellow colourless</u>	Odour: YES / <u>NO</u>

Primary sample ID:		No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4xVials, 1xAmber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / <u>not filtered</u>		
Water Quality Metre:	Per ProQuattro - 20102886		
Gauging Equipment:	IP		
Pump Type:	Peri-pump 5579		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: MR Chester	PROJECT NO: 70509
SAMPLING DATES: 20 / 10 / 2025	SAMPLERS: Laymond Chu
TYPE OF INVESTIGATION: GME	PROJECT MANAGER: Chris Bielby
WELL ID: MW 29	WEATHER: HOT

Casing Diameter (mm): 50mm	Depth to NAPL (mBTC):
Well Completion: Flush Mount / Monument	Depth to SWL (mBTC): 3.657
Well Cap Type: Locking Cap / PVC / Other	NAPL Thickness (m):
Well Condition: Good / Compromised	Depth to EoH (mBTC): 4.307
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method: Bladder Pump PERI PUMP @ 4.2 mBTC	NAPL Visually Verified?

TIME	VOLUME PURGED L	DISSOLVED OXYGEN ☒ mg/L-1/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTC)
10:33	0	4.55	22.1	6.84	21162	63	2.764
10:36	0.5	3.84	22.2	6.95	20583	56	3.824
10:39	0.9	3.69	22.4	6.96	20839	54	3.886
10:42	1.2	1.40	21.8	7.01	21644	61	3.935
10:45	1.5	1.42	22.0	6.91	21704	61	4.024
10:48	1.8	1.87	22.3	6.87	21405	62	4.096
10:51	2.1	2.51	22.1	6.87	20777	63	4.104
10:54	2.4	2.62	22.1	6.88	20625	63	4.113
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart) PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: CLEAR	Sheen: YES / NO
Colour: COLOURLESS	Odour: YES / NO
Primary sample ID: MW 29	No. Container / Preservative
Duplicate/ Triplicate sample: YES / NO ID:	4x VIALS + AMBER
Rinsate sample: YES / NO ID:	
Sample on ice: YES / NO	
Field Filter Method: 0.45µm filter / not filtered	
Water Quality Metre: YSI	REFER TO MW18
Gauging Equipment: Interphase Probe	

NOTES:

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: MR Chester	PROJECT NO: 70509
SAMPLING DATES: 20 / 10 / 2025	SAMPLERS: Laymond Chu
TYPE OF INVESTIGATION: GME	PROJECT MANAGER: Chris Bielby
WELL ID: MW 30	WEATHER: HOT

Casing Diameter (mm): 50mm	Depth to NAPL (mBTC): -
Well Completion: Flush Mount / Monument	Depth to SWL (mBTC): 3.429
Well Cap Type: Locking Cap / PVC / Other	NAPL Thickness (m): -
Well Condition: Good / Compromised	Depth to EoH (mbtoc): 4.904
Calculated Well Volume (L):	Water Column Depth (m): -
Sampling Method: Bladder Pump	NAPL Visually Verified? -

TIME	VOLUME PURGED L	DSSOLVED OXYGEN mg/L-1/ppm	TEMP °C	pH pH units	EC μS/cm	ORP mV	Comments Inc SWL for low flow (mBTC)
11:14	0	1.80	23.0	6.62	8300	69	3.539
11:17	0.6	1.78	22.2	6.63	7860	69	3.640
11:20	1.0	2.13	23.4	6.62	7810	71	2.703
11:23	1.2	2.39	23.9	6.62	7822	72	3.752
11:26	1.5	2.21	24.1	6.62	7832	74	3.800
11:29	2.0	2.45	23.3	6.63	7456	75	3.847
11:32	2.3	2.39	23.0	6.61	7280	75	3.967
11:35	2.6	2.20	22.7	6.61	7231	76	4.035
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart) PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: CLEAR	Sheen: YES / NO
Colour: colourless	Odour: YES / NO
Primary sample ID: MW 30	No. Container / Preservative
Duplicate/ Triplicate sample: YES / NO ID:	4x VIALS + AMBER.
Rinsate sample: YES / NO ID:	
Sample on ice: YES / NO	
Field Filter Method: 0.45μm filter / not filtered	
Water Quality Metre: YSI	
Gauging Equipment: Interphase Probe	

NOTES:

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chester</u>	PROJECT NO: <u>E 70509</u>
SAMPLING DATES: <u>21/10/25</u>	SAMPLERS: <u>EC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW31</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTOC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTOC): <u>2.140</u>
Well Cap Type: <u>locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mbtoc): <u>4.76</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTOC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC _S/cm	ORP mV	Comments Inc SWL for low flow (mBTOC)
10:10	0.4	2.39	19.8	5.14	8875	154.3	2.289
10:13	0.8	2.40	19.9	5.21	8885	149.4	2.336
10:16	1.2	2.35	19.9	5.33	8844	139.2	2.413
10:19	1.6	1.70	19.9	5.71	8615	100.7	2.460
10:22	2	1.06	20.0	5.87	8479	75.9	2.495
10:25	2.4	0.80	20.4	5.92	8365	59.6	2.524
10:28	2.8	0.8178	20.4	5.99	8298	49.3	2.557
10:31	3.2	0.72	20.4	6.03	8226	42.7	2.595
10:34	3.6	0.79	20.4	6.01	8256	39.8	2.635
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: <u>Clear</u>	Sheen: <u>YES / NO</u> <u>very</u>
Colour: <u>Slight yellow</u>	Odour: <u>YES / NO</u> <u>very slight hydrocarbon</u>

Primary sample ID:		No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4XUrals, 1xAmber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / <u>not filtered</u>		
Water Quality Metre:	ProQuatro-2N1002886		
Gauging Equipment:	TP		
Pump Type:	Peripump SS79		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: MR Chester	PROJECT NO: 70509
SAMPLING DATES: 20 / 10 / 2025	SAMPLERS: Laymond Chu
TYPE OF INVESTIGATION: GME	PROJECT MANAGER: Chris Bielby
WELL ID: MW 32	WEATHER: FINE

Casing Diameter (mm): 50mm	Depth to NAPL (mBTC): -
Well Completion: Flush Mount / Monument	Depth to SWL (mBTC): 3013
Well Cap Type: Locking Cap / PVC / Other	NAPL Thickness (m): -
Well Condition: Good / Compromised	Depth to EoH (mbtoc): 7352
Calculated Well Volume (L):	Water Column Depth (m): -
Sampling Method: Bladder Pump	NAPL Visually Verified?

Perigum @ 4.000 mBTOC

TIME	VOLUME PURGED L	DSSOLVED OXYGEN mgL-1/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTC)
9:06	0.1	1.22	19.8	5.97	14901	-21	3.407
9:09	0.5	0.99	19.8	5.99	14770	15	3.483
9:12	1.0	1.30	19.7	6.04	14527	41	3.574
9:15	1.4	1.66	20.0	6.07	14067	52	3.673
9:18	1.8	1.87	20.2	6.08	1423	67	3.695
9:21	2.1	2.07	20.3	6.08	1463	76	3.774
9:24	2.4	2.20	20.1	6.09	13888	85	3.845
9:27	2.7	2.28	20.1	6.06	13553	97	3.895
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart) PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity:	CLEAR	Sheen:	YES / NO
Colour:	COLOURED	Odour:	YES / NO
Primary sample ID:	MW 32	No.	Container / Preservative
Duplicate/ Triplicate sample:	YES / NO ID:		4X VIALS + AMBER
Rinsate sample:	YES / NO ID:		
Sample on ice:	YES / NO		
Field Filter Method:	0.45µm filter / not filtered		
Water Quality Metre:	YSI		REFER TO MW10
Gauging Equipment:	Interphase Probe		

NOTES:

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: MR Chester	PROJECT NO: 70509
SAMPLING DATES: 20 / 10 / 2025	SAMPLERS: Laymond Chu
TYPE OF INVESTIGATION: GME	PROJECT MANAGER: Chris Bielby
WELL ID: MW 33	WEATHER: FINE

Casing Diameter (mm): 50mm	Depth to NAPL (mBTOC): -
Well Completion: Flush Mount / Monument	Depth to SWL (mBTOC): 2.020
Well Cap Type: Locking Cap / PVC / Other	NAPL Thickness (m): -
Well Condition: Good / Compromised	Depth to EoH (mbtoc): 4.264
Calculated Well Volume (L):	Water Column Depth (m): -
Sampling Method: Bladder Pump PERSPUMP @ 3.500	NAPL Visually Verified? -

TIME	VOLUME PURGED L	DSSOLVED OXYGEN mgL-1/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTOC)
6:15	0	3.17	18.4	6.30	16274	-18.3	2.132
6:18	0.4	3.28	18.4	6.35	16520	-2.9	2.185
6:21	0.8	3.51	18.4	6.38	16509	-10.0	2.267
6:24	1.2	4.01	18.4	6.40	16476	17.2	2.323
6:27	1.6	4.32	18.4	6.41	16438	25.1	2.408
6:30	2.0	4.52	18.5	6.43	16408	31.6	2.484
6:33	2.4	4.59	18.6	6.44	16280	37.7	2.562
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart) PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: CLEAR	Sheen: YES / NO
Colour: COLOURLESS	Odour: YES / NO
Primary sample ID: MW 33	No. Container / Preservative
Duplicate/ Triplicate sample: YES / NO ID: QAC 20251020-2	4XVIALS + 1 AMBER.
Rinsate sample: YES / NO ID:	
Sample on ice: YES / NO	
Field Filter Method: 0.45µm filter / not filtered	
Water Quality Metre: YSI	SEE MW18
Gauging Equipment: Interphase Probe	
NOTES:	

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: MR Chester	PROJECT NO: 70509
SAMPLING DATES: 10 / 10 / 2025	SAMPLERS: Laymond Chu
TYPE OF INVESTIGATION: GME	PROJECT MANAGER: Chris Bielby
WELL ID: MW 34	WEATHER: FINE

Casing Diameter (mm): 50mm	Depth to NAPL (mBTC):
Well Completion: Flush Mount / Monument	Depth to SWL (mBTC): 3.161
Well Cap Type: Locking Cap / PVC / Other	NAPL Thickness (m): -
Well Condition: Good / Compromised	Depth to EoH (mbtc): 3.763
Calculated Well Volume (L):	Water Column Depth (m): -
Sampling Method: Bladder Pump PERI PUMP @ 316	NAPL Visually Verified? -

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☒ mgL-1/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTC)
7:05	0	3.10	19.2	6.59	11866	-23.6	3.239
7:08	0.4	3.03	19.3	6.56	11801	-2.9	3.285
7:11	0.76	3.29	19.4	6.57	11782	-10.6	3.335
7:15	1.0	4.06	19.5	6.59	11742	25.2	3.414
7:18	1.3	4.35	19.5	6.59	11703	33.1	3.469
7:21	1.6	4.36	19.6	6.59	11663	43.3	3.512
SAMPLE TAKEN DUE TO INSUFFICIENT WATER TABLE							
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart) PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: CLEAR	Sheen: YES / NO
Colour: COLOURLESS	Odour: YES / NO
Primary sample ID: MW 34	No. Container / Preservative
Duplicate/ Triplicate sample: YES / NO ID:	4x VIALS + AMBER.
Rinsate sample: YES / NO ID:	
Sample on ice: YES / NO	
Field Filter Method: 0.45µm filter / not filtered	
Water Quality Metre: YSI	SEE MWR
Gauging Equipment: Interphase Probe	

NOTES:

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Primary sample ID:	MW35D	No.	Container / Preservative
Duplicate sample:	YES / NO ID:		4x0.15 l x Amber
Triplicate sample:	YES / NO ID:		
Rinsate sample:	YES / NO ID:		
Sample on ice:	YES / NO		
Field Filter Method:	0.45µm filter / not filtered		
Water Quality Metre:	ProQuatro-21102886		
Gauging Equipment:	IP		
Pump Type:	Peri-pump 7759		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chesler</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>20/10/25</u>	SAMPLERS: <u>LC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW355</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTC): <u>0.794</u>
Well Cap Type: <u>Locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mbtoc): <u>3.890</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC _S/cm	ORP mV	Comments Inc SWL for low flow (mBTC)
11:56	0.4	3.63	24.3	6.76	7674	162.2	<u>SWL</u> 0.833
11:56 12:00	0.8	2.62	23.7	6.74	7454	163.6	0.858
12:04	1.2	2.76	23.9	6.72	7401	164.0	0.878
12:08	1.6	2.38	23.9	6.70	7419	164.1	0.892
12:12	2	2.8439	23.9	6.67	7423	164.0	0.895
12:16	2.4	2.44	24.1	6.66	7461	164.0	0.909
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: <u>Clear slight yellow</u>	Sheen: YES / <u>NO</u>
Colour: <u>light yellow</u>	Odour: YES / <u>NO</u>

Primary sample ID:	MW355	No.	Container / Preservative
Duplicate sample:	YES / ☒ NO ID:		4x Vials, 1x Amber
Triplicate sample:	YES / ☒ NO ID:		
Rinsate sample:	YES / ☒ NO ID:		
Sample on ice:	☒ YES / NO		
Field Filter Method:	0.45µm filter / ☒ not filtered		
Water Quality Metre:	ProQuattro - 210102886		
Gauging Equipment:	IP		
Pump Type:	Peri-pump 7759		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chester</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>21/10/25</u>	SAMPLERS: <u>LC/HRM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW36</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTC):
Well Completion: <u>Flush Mount / Monument</u>	Depth to SWL (mBTC): <u>1.550</u>
Well Cap Type: <u>Locking Cap / PVC / Other</u>	NAPL Thickness (m):
Well Condition: <u>Good / Compromised</u>	Depth to EoH (mbtoc): <u>4.365</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
Low Flow Pump Submersion depth (mBTC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC µS/cm	ORP mV	Comments Inc SWL for low flow (mBTC)
11:08	0.4	2.13	19.8	6.95	12053	83.6	1.640
11:11	0.8	1.95	19.7	6.95	11973	83.8	1.681
11:14	1.2	1.90	19.6	6.94	11933	84.4	1.705
11:17	1.6	1.97	19.6	6.93	11908	83.5	1.723
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: <u>Clear</u>	Sheen: YES / <u>NO</u>
Colour: <u>Slight yellow</u>	Odour: YES / <u>NO</u>

Hard to tell hydrocarbon smell in area but no different to smell next to water so assuming no odour

Primary sample ID:		No.	Container / Preservative
Duplicate sample:	YES / <u>NO</u> ID:		4x vials in Amber
Triplicate sample:	YES / <u>NO</u> ID:		
Rinsate sample:	YES / <u>NO</u> ID:		
Sample on ice:	<u>YES</u> / NO		
Field Filter Method:	0.45µm filter / <u>not filtered</u>		
Water Quality Metre:	ProQuattro-2/J1002886		
Gauging Equipment:	IP		
Pump Type:	Peri-Pump SS79		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chester</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>21/10/25</u>	SAMPLERS: <u>LC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW37</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTOC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTOC): <u>0.953</u>
Well Cap Type: <u>Locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mbtoc): <u>3.788</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTOC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC _S/cm	ORP mV	Comments Inc SWL for low flow (mBTOC) <u>SWL</u>
6:08	0.4	3.50	20.0	6.85	9754	75.4	1.044
6:11	0.8	2.78	19.9	6.90	9714	80.9	1.123
6:14	1.2	2.68	20.0	6.93	9637	87.3	1.178
6:17	1.6	2.71	20.0	6.93	9571	94.1	1.235
6:20	2	2.81	20.0	6.93	9535	97.9	1.265
6:23	2.4	2.89	20.0	6.93	9507	101.9	1.302
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: <u>Clear</u>	Sheen: YES / <u>NO</u>
Colour: <u>Slight yellow</u> <u>very</u>	Odour: YES / <u>NO</u>

Primary sample ID:	MW37	No.	Container / Preservative
Duplicate sample:	YES / NO ID:		4xVials, 1xAmber
Triplicate sample:	YES / NO ID:		
Rinsate sample:	YES / NO ID:		
Sample on ice:	YES / NO		
Field Filter Method:	0.45µm filter / not filtered		
Water Quality Metre:	Pro Quatro 21 J102886		
Gauging Equipment:	IP		
Pump Type:	Peri-pump 7759		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Groundwater Sampling Form

PROJECT NAME: <u>MR Chester</u>	PROJECT NO: <u>70509</u>
SAMPLING DATES: <u>20/10/25</u>	SAMPLERS: <u>LC/HM</u>
TYPE OF INVESTIGATION: <u>GME</u>	PROJECT MANAGER: <u>CB</u>
WELL ID: <u>MW38</u>	WEATHER: <u>Sunny</u>

Casing Diameter (mm): <u>50mm</u>	Depth to NAPL (mBTOC):
Well Completion: <u>Flush Mount</u> / Monument	Depth to SWL (mBTOC): <u>0.635</u>
Well Cap Type: <u>Locking Cap</u> / PVC / Other	NAPL Thickness (m):
Well Condition: <u>Good</u> / Compromised	Depth to EoH (mbtoc): <u>3.830</u>
Calculated Well Volume (L):	Water Column Depth (m):
Sampling Method:	NAPL Visually Verified?
Purge Volume 4 Casings Vol. (L)	
<u>Low Flow</u> Pump Submersion depth (mBTOC)	

TIME	VOLUME PURGED L	DSSOLVED OXYGEN ☐ % ☒ mgL/ppm	TEMP °C	pH pH units	EC _S/cm	ORP mV	Comments Inc SWL for low flow (mBTOC)
10:33	0.4	1.02	20.8	6.37	5725	171.2	<u>SWL</u> 0.673
10:36	0.8	1.19	20.6	6.34	5507	157.4	0.685
10:39	1.2	1.33	20.6	6.34	5479	154.7	0.700
10:42	1.6	0.88	20.5	6.34	5470	152.1	0.700 0.703
10:45	2	0.75	20.4	6.33	5408	144.2	0.715
10:48	2.4	0.70	20.2	6.32	5354	141.1	0.718
10:52	2.8	0.69	20.2	6.33	5339	139.5	0.720
Acceptable Variations*		+/-10%	+/- 0.2 °C	+/-0.05 pH	+/-3%	+/-10mV	Results Acceptable: YES / NO

LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)

PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m

Clarity: <u>Clear</u>	Sheen: YES / <u>NO</u>
Colour: <u>Very slight yellow</u>	Odour: YES / <u>NO</u>

Primary sample ID:	MW38	No.	Container / Preservative
Duplicate sample:	YES / ☒ NO ID:		4xVials, 1xAmber
Triplicate sample:	YES / ☒ NO ID:		
Rinsate sample:	YES / ☒ NO ID:		
Sample on ice:	☒ YES / NO		
Field Filter Method:	0.45µm filter ☒ not filtered		
Water Quality Metre:	ProQuatro - 21102886		
Gauging Equipment:	IP		
Pump Type:	Peri-pump 7259		
NOTES:			

Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)

Casing Diameter	25mm	50mm	100mm	150mm	300mm
Conversion Factor	0.98	1.96	7.85	49.1	196.3

Volume of water in well (L) = π * radius of gravel pack (m)² * height of water column (m)

*SA EPA Guidelines (June 2007) as referenced in NEPM

Appendix H Development Plans

GROUND LEVEL PLAN - WAREHOUSE
1 : 500

DEVELOPMENT SUMMARY

AREA SCHEDULE (GFA)

SITE AREA	64684 m ²			
	WAREHOUSE	OFFICE	DOCK OFFICE	TOTAL
BUILDING 1				
1A	6335 m ²	501 m ²	25 m ²	6861 m ²
1B	7246 m ²	619 m ²	25 m ²	7890 m ²
BUILDING 2				
2A	3204 m ²	352 m ²	26 m ²	3582 m ²
2B	3098 m ²	234 m ²	26 m ²	3358 m ²
2C	3098 m ²	234 m ²	26 m ²	3358 m ²
2D	4611 m ²	379 m ²	26 m ²	5012 m ²

TOTAL 27592 m² 2319 m² 154 m² 30065 m²

TOTAL GROSS FLOOR AREA 30065 m²

AREA SCHEDULE (EXCLUDED FROM GFA)

LOADING AREA 5754 sqm

DEDICATED HARDSTAND 3959 sqm

AWNING AREA 9010 sqm

CAR PARKING CALCULATION

CAR PARKING REQUIRED:

WAREHOUSE: 27592 m² / 1 space per 300 m² =92

OFFICE: 2473 m² / 1 space per 100 m² * =25

(* OFFICE COMPONENT DOES NOT EXCEED 20 % OF TOTAL GFA)

TOTAL CAR PARKING REQUIRED 117 CAR SPACES

TOTAL CAR PARKING PROVIDED 147 CAR SPACES

END OF TRIP

BICYCLE PARKING 1 PER 20 STAFF 18 (ESTIMATE)

EV PARKING 20% OF TOTAL CAR SPACES 30

FSR

FSR ALLOWED 1 : 1

FSR ACHIEVED 0.46 : 1

SITE COVERAGE

SITE COVERAGE 66 %

LANDSCAPE

GREEN LANDSCAPE AREA 6.1 %

Gross floor area means the sum of the floor area of each floor of a building measured from the internal face of external walls, or from the internal face of walls separating the building from any other building, measured at a height of 1.4 metres above the floor, and includes—
(a) the area of a mezzanine, and
(b) habitable rooms in a basement or an attic, and
(c) any shop, auditorium, cinema, and the like, in a basement or attic, but excludes—
(d) any area for common vertical circulation, such as lifts and stairs, and
(e) any basement—
(f) storage, and
(g) vehicular access, loading areas, garbage and services, and
(h) plant rooms, lift towers and other areas used exclusively for mechanical services or ducting, and
(i) any space used to meet any requirements of the consent authority (including access to that car parking), and
(j) any space used for the loading or unloading of goods (including access to it), and
(k) terraces and balconies with outer walls less than 1.4 metres high, and
(l) voids above a floor at the level of a storey or storey above.

NOTE : GROUND FLOOR LEVEL AMENITIES, LUNCH ROOM AND LOBBIES ARE INCLUDED IN WAREHOUSE AREAS

LEGEND

- PROPOSED SITE BOUNDARY LINE
- BUILDING SETBACK LINE
- EXISTING TREES TO BE RETAINED
- DEDICATED HARDSTAND
- RETAINING WALL
- RETAINING WALL UNDER
- PAUSADE FENCE
- CHAINWIRE FENCE
- RETAIN EXISTING FENCE

NOTE:
• INDICATIVE RACKING LAYOUT SHOWN
• REFER TO LANDSCAPE ARCHITECTS DRAWINGS FOR DETAILS OF LANDSCAPED AREAS
• REFER TO CIVIL ENGINEERING DOCUMENTS FOR SITE LEVELS
• ALL LEVELS +/- 500mm

DEVELOPMENT APPLICATION

NOTE: THE LOCATION OF PROPERTY ALIGNMENTS IS DETERMINED FROM SURVEY INFORMATION PROVIDED BY SURVEYOR. ALL AREAS INDICATED ARE INDICATIVE FOR DESIGN AND PLANNING PURPOSES ONLY.

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Appendix I Hydraulic Conductivity Data

Well Information								Slug Test				Conductivity (m/day) ²			Comment
Well ID	Total Depth (mbgs)	Screen Depth (mbgs)	Geology	Aquifer Thickness	Borehole Diameter (mm)	Casing Diameter (mm)	Screen Length (m)	Slug length (mm)	Slug width (mm)	Gauged SWL - Start (mBTC)	Test	Bouwer and Rice	Hvorslev (1951)	Average	
MW35S	7	1 - 4	Silty clay and clay	7	100	50	3				Slug in	9.04E-02	1.13E-01	9.31E-02	Aquifer thickness assumed from MW35D.
											Slug out	6.57E-02	1.03E-01		
MW36	4.5	1.5 - 4.5	Sandy clay	7	100	50	3				Slug in	4.35E-02	6.80E-02	5.77E-02	Water level near top of screen. Aquifer thickness assumed from MW35D.
											Slug out	4.90E-02	7.05E-02		

¹ >90% recovery considered to be complete recovery.

² Results matched to normalized head range of 0.15 to 0.25 for Hvorslev and 0.2 to 0.3 for Bouwer & Rice (Butler 1998), assumed partially penetrating (top)

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