Detailed Site Investigation

Former Shoalhaven Anglican School Site, 17 Croobyar Road, Milton NSW

Stantec

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Executive Summary

Stantec Australia Pty Ltd (Stantec) was engaged by Schools Infrastructure NSW (the client) to complete a Detailed Site Investigation (DSI) for specific portions of the Shoalhaven Anglican School, located at 17 Croobyar Road, Milton NSW (the site).

A Preliminary Site Investigation (PSI) was undertaken by Stantec in 2023 to evaluate the potential for contamination sources to exist at the site, which identified several potential sources of contamination that are summarised in Section 4.1.1. The intrusive investigation and this associated report were completed in consideration of the recommendations of the PSI (2023) to confirm if contamination exists at the locations where upgrades / redevelopment are proposed.

The purpose of this Detailed Site Investigation (DSI) is to support the approval process for the proposed site redevelopment, with the investigation undertaken in accordance with relevant NSW EPA made or approved guidelines under the Contaminated Land Management Act 1997 (CLM Act 1997).

The objectives are to:

- Determine the type, extent and level of contamination at the site to provide more complete and definitive information on issues raised in the PSI.
- Make recommendations for management, remediation and/or further investigation, as necessary.

Assess the site in consideration of Part 5 of the Environmental Planning and Assessment Act 1979, Section 5.5 Duty to consider environmental impact

The detailed site investigation (DSI) included a detailed assessment of site soils coupled with a targeted surface water and sediment assessment. The limited DSI was conducted to verify the presence or absence of contaminants of potential concern (CoPC) previously identified during the Preliminary Site.

Investigation Upon completion of the above scope, the following conclusions were drawn:

Based on observations, laboratory data and information gathered during the current and previous investigations, the following is concluded:

- The DSI included the advancement and sampling from forty-six (46) sampling locations utilising drilling, test-pitting and hand excavation methodologies, as well as sampling surface water and sediments from the onsite creek line along the western boundary.
- <u>Soil</u>

– All contaminant concentrations in soil were below the applicable human health criteria for the current and future land use with exception of one exceedance at test pit TP116_0.1, where PFOS was detected at a concentration of 0.0059 mg/kg, above the PFAS NEPM 3.0 HIL A guideline of 0.003 mg/kg.
  - The source of this exceedance is unconfirmed but may be from the synthetic turf in the neighbouring School for Specific Purposes or filling / stockpiling of materials at the location of TP116 that occurred during construction of the neighbouring school. The PFAS detection appears isolated and the concentration is less than 250% of the criteria, and thereby is not considered a ‘hotspot’, as defined in Section 3.2.1 of Schedule B1 of the ASC NEPM 2013. Based on current information, the PFAS detection is not considered to present a human

health risk to current or future site users based on the proposed land use (educational and sports facility for use by the existing primary and secondary schools within the local School Community Group).
    - Some PFAS constituents including PFHxS, PFOS, Sum of PFHxS, PFOS and PFOA were below the laboratory limit of reporting but above the applicable human health and ecological land use criteria. This occurred to a change in guidelines during delivery of the services, which is discussed further in **Section 8.1.2**. This is not considered to change the outcome of the investigation with no on-site sources of PFAS identified or detected.
  - All soil samples were assessed against ecological criteria applicable to the current and future land uses with exception of localised exceedances of PFOS in sample TP116_0.1, TRH C16–C34 in sample BH15_0.3, and metals in various samples across the site.
    The source of PFOS and TRH is unconfirmed and the metals in soil may be associated with the local geology. The ecological exceedances are not considered to present an unacceptable risk to ecological receptors provided that the materials are not used as a growing medium or as fill within portions of the site that may be used to support significant vegetation such as plantings and garden beds.
  - Asbestos was not identified in fill soil or on ground surfaces during the investigation. Whilst current information indicates a low risk, anthropogenic materials were observed in some fill units so there is potential for undiscovered asbestos to exist. Further, the subfloor of current buildings appear to contain waste and debris, and if demolition were do occur, soils within the subfloor would require an assessment for contamination (see recommendations below).
- <u>Sediment and Surface Water</u>
  - Elevated concentrations of metals and PFOS were identified in some sediment and surface water samples that were collected from the creek line along the western site boundary. Such contaminants were not identified in on-site soils at concentrations that would present a possible pathway or mechanism for impacting surface water and/or sediment within the creek line.
    - It is considered that the contaminants detected in surface water and sediment may be influenced by, and attributed to, the upgradient urbanised catchment.
    - The greatest metals concentrations were detected in unfiltered (total) samples, indicating that the contaminants are mostly present in suspected solids and particulate. Based on current information the detections and are not considered to present an unacceptable risk in the context of the proposed redevelopment.
    - The surface water and sediment sample points at the upgradient locations generally contained the highest contaminant concentrations, which are situated nearest to the point where water enters the site from off-site. This further supports a hypothesis that contaminants in water and sediment within the creek line may be originating from off-site.
    - The future land use scenario does not appear to include interactions with surface water or sediment in the creek. Under this scenario, there is a low risk of a complete source-pathway-receptor linkage.
    - The management options and fate of waters within the creek would require consideration by the civil construction contractor prior to commencement of construction.

Based on the investigation findings, Stantec considers that the site is suitable for the proposed redevelopment activity subject to the below recommendations being implemented:

- A Hazardous Building Materials Assessment must be conducted prior to demolition of existing buildings and structures. Where buildings and structures are to be demolished during the proposed

redevelopment, an asbestos clearance inspection is required post-demolition along with an assessment of soil to confirm the absence of contamination.

- Materials possessing contaminant concentrations that exceed the ecological criteria should not be used as a growing medium or within the root zone where ecological features will exist, such as plantings or garden beds.
- Any material being removed from site must be classified for off-site disposal in accordance the EPA (2014) Waste Classification Guidelines and/or an applicable NSW EPA Resource Recovery Order. The information presented within this report must be considered during future classification.
- A Construction and Environmental Management Plan (CEMP) must be prepared to minimise potential risks to human health and the environment during the future construction work. An appropriate Unexpected Finds Protocol (UFP) should also be incorporated into the CEMP and implemented during ground disturbance in the unlikely event of encountering impacted materials.

Abbreviations

ACM	Asbestos Containing Material
AST	Above Storage Tank
BoM	Bureau of Meteorology
BTEX	Benzene, toluene, ethylbenzene and xylenes
CBD	Central Business District
CLM	Contaminated Land Management
CSM	Conceptual Site Model
CT	Contamination Threshold
DBYD	Dial Before You Dig
DCP	Development Control Plan
DQI	Data Quality Indicators
DQO	Data Quality Objectives
EIL	Ecological Investigation Level
EPA	Environmental Protection Authority
ESL	Ecological Screening Level
HIL	Health Investigation Level
HSL	Health Screening Level
km	kilometres
LEP	Local Environmental Plan
LGA	Local Government Authority
LOR	Limit of Reporting
m	metres
mAHD	metres Australian Height Datum
mBGL	metres Below Ground Level
NATA	National Associated Testing Authority
NEMP	National Environmental Management Plan
NEPC	National Environmental Protection Council
NEPM	National Environmental Protection Measure
NSW	New South Wales
OCP	Organochlorine Pesticides
OEH	Office of Environment and Heritage
OPP	Organophosphorus Pesticides
PACM	Potentially Asbestos Containing Material
PAH	Polycyclic Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
PID	Photoionization Detector
PoEO	Protection of the Environment Operations
Ppm	parts per million
QA/QC	Quality Assurance / Quality Control
RL	Reduced Level
RPD	Relative Percentage Difference
SCC	Specific Contamination Concentration
SEPP	State Environmental Planning Policies
SPR	Source – Pathway - Receptor

SWL	Static / Standing Water Level
SWMS	SafeWork Method Statement
TCLP	Toxicity Characteristics Leaching Procedure
TRH	Total Recoverable Hydrocarbons
UST	Underground Storage Tanks
VOC	Volatile Organic Compounds

1 Introduction

Stantec Australia Pty Ltd (Stantec) has been requested by NSW Department of Education (the client) to undertake a contamination investigation at the former Shoalhaven Anglican School located at 17 Croobyar Road, Milton NSW, is herein referred to as 'the site' and the boundary is indicatively shown on **Figure 1** in **Appendix A**.

1.1 Background

The client intends to redevelop the site, as described below in **Section 1.2**, and requires a site investigation assessing for contamination, with the report to inform the design process and support the development approval process.

A Preliminary Site Investigation (PSI) was undertaken by Stantec in 2023 to evaluate the potential for contamination sources to exist at the site, which identified several potential sources of contamination that are summarised in **Section 4.1.1**. The intrusive investigation and this associated report were completed in consideration of the recommendations of the PSI (2023) to confirm if contamination exists at the locations where upgrades / redevelopment are proposed.

1.2 Proposed development

Based on information provided by the client, the Former Shoalhaven Anglican School site will be re-purposed as an educational and sports facility for use by the existing primary and secondary schools within the Ulladulla and Milton SCG. The proposed upgrades and modifications at the site will comprise of the following:

- Building I (Hall) upgrade as multi-purpose facility
- Building H – Kitchen upgrade | VET (catering kitchen)
- Building V – Upgrade/ re-purpose as Site Reception, Admin and staff areas
- Building A (including student amenities) refurbishments
- Landscape maintenance and canopy reduction
- upgrade to playing field/ oval (Athletics track and full-sized rectangular sports field)
- 2 x new sports courts (unenclosed)
- Demolition of buildings P, Q, R, S, T, U & W and replace with new car park and bus set-down area; new school perimeter and internal fencing (mixture of palisade and chainmesh)
- Improvements to gravel access road
- Landscaping following building renewal

The client advised Stantec that contamination due diligence services would inform the siting opportunities, risks and constraints for new facilities, and repurposing opportunities of existing facilities and requirements for site infrastructure upgrades to address operating and compliance requirements at each site.

1.3 Purpose and objective

The purpose of this Detailed Site Investigation (DSI) is to support the approval process for the proposed site redevelopment, with the investigation undertaken in accordance with relevant NSW EPA made or approved guidelines under the Contaminated Land Management Act 1997 (CLM Act 1997).

The objectives are to:

- Determine the type, extent and level of contamination at the site to provide more complete and definitive information on issues raised in the PSI.
- Make recommendations for management, remediation and/or further investigation, as necessary.
- Assess the site in consideration of Part 5 of the Environmental Planning and Assessment Act 1979, Section 5.5 Duty to consider environmental impact.

1.4 Scope of work

In consideration of the findings of the previous PSI and the proposed future land use, the scope of works below was undertaken to meet the project objectives and requirements.

1.4.1 Preliminaries

- Preparation of safety documentation and lodgement of a Before You Dig Australia (BYDA) (formerly Dial-Before-You-Dig) underground utilities enquiry.
- Preparation of a Sample and Analysis Quality Plan (SAQP) in accordance with NSW EPA (2020) to outline the purpose, objectives and scope of the investigation; and
- Coordination of site access, subcontractors and sampling equipment.

1.4.2 Fieldwork

Fieldwork items completed as part of the current investigation is summarized below:

- **12th May 2025:**
  - Inspection of the site conditions and confirm borehole and contamination test pit locations and site access.
  - Underground utility location was undertaken by an accredited contractor and comprised of clearing of borehole locations using Cable Avoidance Tool (CAT) and ground penetrating radar (GPR) prior to drilling commencing. A service location clearance report was presented on-site to Stantec's site representative prior to breaking ground.
  - Soil sampling from six (6) boreholes that were being advanced by Stantec's geotechnical team.
- **13th May 2025**
  - Soil sampling from ten (10) boreholes that were being advanced by Stantec's geotechnical team.
- **27th – 28th May 2025:**
  - Advancement of twenty-seven (27) test pits using a 5T excavator and collection of soil samples throughout the soil profile.
- **29th May 2025:**
  - Advancement of three (3) bores using hand auger and collection of soil samples throughout the soil profile.
  - Collection of three (3) sediment samples using hand tools from the creek line northwest and west of the site.
  - Collection of three (3) surface water samples from the creek line northwest and west of the site.

1.4.3 Reporting

Upon completion of fieldwork and receipt of laboratory results, a Detailed Site Investigation report was prepared (this report) in general accordance with the NSW EPA Consultants Reporting on Contaminated Land: Contaminated Land Guidelines (NSW EPA 2020), including statements on the following:

- Identification of contamination risks and constraints for the proposed activities.
- Statement of human health and / or ecological risks identified.
- Recommendations for further actions and controls.
- Preliminary information on the potential presence of acid sulfate soils

1.5 Applicable guidelines and legislation

This DSI has been developed in consideration of the following key guidelines and legislation:

- NSW Contaminated Land Management Act 1997 (CLM Act 1997)
- NSW Department of Planning and Environment, State Environmental Planning Policy (Resilience and Hazards) 2021
- National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended 2013. National Environmental Protection Council
- Consultants Reporting on Contaminated Land - Contaminated Land Guidelines, NSW Environment Protection Authority, 2020
- Sampling design part 1 – application, Contaminated Land Guidelines, NSW Environment Protection Authority, 2022
- Sampling design part 2 – interpretation, Contaminated Land Guidelines, NSW Environment Protection Authority, 2022
- Australian and New Zealand Guidelines for Fresh and Marine Water Quality. Australian and New Zealand Governments and Australian state and territory governments, 2018
- Contaminated Land Management, Guidelines for the NSW Site Auditor Scheme (3rd Edition), NSW Environment Protection Authority, 2018
- WA DoH, 2009. Guidelines for Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia, Western Australia Department of Health (WA DOH 2009); and
    - *It is noted that WA DoH updated this guidance in 2021: Government of Western Australia Department of Health, Guidelines for the Assessment, Remediation and Management of Asbestos Contaminated Sites in Western Australia, 2021 (WA DoH 2021). Stantec propose to refer to the updated guidance, where justified.*

2 Site Identification

Details related to the site are included in **Table 2-1** below. The adopted site refers to the area subject to the approved project development scope, as outlined in **Section 1.2** above.

Table 2-1: Site details -extent of works

Item	Details
Site address	17 Croobyar Road, Milton NSW
Lot and Deposited Plan	Lot 200 in Deposited Plan (DP) 1192140
Local Government Authority (LGA)	Shoalhaven City Council
Current Zoning	The entire site is currently zoned RU1 – Primary Production under the Shoalhaven land zoning mapping (2025).
Approximate Site Area (hectares)	6.5
Current Land use	The site is currently occupied by the former Milton Public School, comprising of existing school infrastructure and buildings, a sporting field, gymnasium, asphalt basketball court internal roads and car parking, all currently disused. Site access is via Croobyar Road to the north. An unnamed drain and pond are located along the western boundary, understood to flow south towards Pettys Creek.
Proposed Land use	The current site will be repurposed as an educational and sports facility for use by the existing primary and secondary schools within the local School Community Group (SCG). With reference to the design information provided to Stantec, upon completion of construction the land use will be for educational purposes and include the features and infrastructure specified above in **Section 1.2**.
Site Coordinates (GDA2020 MGA56)	**Easting (m)** / **Northing (m)** 267388.226 / 6088381.785 267491.173 / 6088137.610 267348.927 / 6087994.972 267291.655 / 6088190.276

2.1 Site Setting

Publicly available information on the site setting collected as part of the PSI has been reviewed and summarised in **Table 2-2** below. The Lotsearch report referenced below is available in the PSI report and was valid at the time of preparation (2023).

Table 2-2: Site setting

Item	Details
Topography and drainage	The eastern portion of the site is situated at the highest elevations at approximately 55 metres Australian Height Datum (mAHD). The site slopes to the west with a gradual decline toward the sports oval, which is relatively flat, before declining further at a moderate slope toward the creek along the western site boundary with an approximate elevation of 35 mAHD.
Receiving water bodies	The western portion of the site contains a highly disturbed unnamed surface water body that flows roughly from north to south. The water body is assumed to be ephemeral and dependent on local rainfall. Surface water from the site is inferred to discharge to the unnamed water body, which joins Petty's Creek approximately 700m south west of the site.

Item	Details
Soil landscapes (NSW DPE, 2025)	A review of soil data from MinView v2025.5.2 (minview, 2025) indicated that the site iis underlain with Brown Podzolic Soils. Information obtained from, Britannica 2023, suggests that podzolic soils are characterised by moderate leaching, an accumulation of iron and clay content, a higher content of humic acid, and are shallow occurring at less than 50cm from the surface (Britannica, 2023). Hilly with some steep slopes and small graded valleys: moderately steep rounded hills of brown and red friable earths (Gn3.21 and Gn3.22 and Gn3.11 and Gn3.12) in association with less rounded hill slopes of hard acidic yellow mottled soils (Dy3.41), hard acidic red soils (Dr2.21), and yellow leached earths (Gn3.54), and also other hill slopes of loamy soils having an A2 horizon (Um4.2) with yellow-brown earths (Gn2.44); stream valleys of various soils including (Dy4.41), (Dy5.41), and (Um6.11).
Site surface geology (DRNSW, 2025)	Mapped geology shows the site as being underlain by Milton Monzonite, described as: *Porphyritic monzonite with phenocrysts of glassy plagioclase in a black fine-grained (and sporadically sub-aphanitic) matrix; variable to a monzonite-porphyry; weathers to a light colour; small zones of olivine basalt dyke material.* An area along the western boundary, east of the unnamed drain is underlain by alluvial valley, described as:*Silt, clay, (fluvially deposited) lithic to quartz-lithic sand, gravel.*
Acid sulfate soil / rock (DRNSW, 2025)	The NSW Government Planning Industry and Environment online mapping tool, eSPADE Version 2.1, indicates that the site is not mapped as being situated within or near an ASS risk area. The nearest mapped (L2: Low probability 1-3 m below ground Surface) ASS risk area is approximately 1.35 km east in the vicinity of Bunbury Curran Creek. Data gathered by Lotsearch indicates that the site is within an area of extremely low probability of acid sulfate soils occurrence.
Groundwater (NSW MiniView, 2025)	A review of publicly registered bores identified no boreholes present on site; however one borehole is located 1.1km east, drilled in June 1966 for domestic and stock. The total depth was 60.40 mBGL and no standing water levels were reported.

2.2 Site Description

The site observations summarised below in **Table 2-3** were recorded during site works associated with the DSI with photographs taken during the DSI provided in **Appendix B**. The site boundary and notable features is shown on **Figure 1** in **Appendix A**.

Table 2-3 Site Description

Item	Details
Weather conditions	12/05/2025: Overcast clearing to sunny, 15.3°C 13/05/2025: Light rain (0.8 mm), windy 15.3°C 27/05/2025: Overcast clearing to sunny, 14.5°C. 28/054/2025: Overcast clearing to sunny, 11.8°C. 29/05/2025: Overcast clearing to sunny, windy, 11.5°C
Site slope and drainage features	The site slope aligned with the contours detailed in **Table 2-2**. Surface water infiltrates unpaved surfaces or is directed to drainage infrastructure such as kerb, guttering and drains, with captured waters inferred to discharge to the creek located immediately west of the site.
Site surface coverings	Site surface coverings were variable and included: ▪ Paved areas including an asphalt internal road and car parking, and concrete within building footprints, play areas and footpaths. ▪ The majority of the site, where buildings, pavement and structures were not observed, was covered by grass or mature trees. ▪ The south eastern portion of the site, within the vicinity of the agricultural plot, contained a laydown of bulky materials and piles of soil and vegetative mulch. ▪ A road within the southern eastern portion of the site contains gravel at ground surface.

Item	Details
Surface soils	Observations of surface soils were generally limited due to pavement and grass cover, however, where visible, the following soils were observed: ▪ Northen and Eastern Portions were comprised with brown Sandy CLAY: fine to medium grained sand. ▪ Western, central and southern portions (playground and gymnasium area) were comprised with dark brown Gravelly CLAY top soil: coarse sized gravel. ▪ An area where soil had been spread east of the indoor gymnasium. The soil appeared to be associated with the construction activities occurring on the school development adjoining the site to the north and east. The composition of the material was variable and comprised of gravels, silt and sand, with some small quantities of anthropogenic material present. ▪ Where accessible, the voids beneath buildings contained exposed surface soils appearing to comprise of silty sand, however, observations were inhibited by the presence of bulky discarded materials and waste.
Site cut and fill	▪ Due to the slope of the site and surrounds, generally from east to west at a gentle to moderate slope, numerous areas of cut and fill were evident, particularly at locations where buildings had been established on concrete pads. ▪ The sports field in the central west and south west appeared to have been subjected to bulk earthworks during construction, with evidence of historical cut and fill observed. At the western boundary of the sports field, a warning sign was observed that stated “no access beyond fence sink holes and trip hazards present”, which may be associated with inadequate compaction of fill during construction of the field. ▪ The asphalt basketball court along the western site boundary appeared to be constructed on a fill platform. ▪ A gravel surface covering containing demolition rubble (brick and concrete fragments) was observed west of the gymnasium and north of the groundskeepers shed. Asbestos was not observed ▪ Fill soil appeared to be spread across an open space that adjoins the neighboring construction site. The area had approximate dimensions of 25m x 8m and the thickness of the fill could not be assessed visually.
Buildings and structures	Numerous buildings and structures were observed throughout the site as summarized below: ▪ A fenced agricultural plot within the southern portion of the site containing metal sheds and horticulture infrastructure such as timber posts and metal wire. Note, this area was excluded from the investigation as upgrades are not proposed. ▪ Single storey brick buildings that appear to have previously been used as classrooms. ▪ A metal shed with surrounding concrete pad in the south eastern corner of the site that appeared to have been used by the maintenance crew. Evidence of staining was not observed on visible concrete surfaces. Note, this area was excluded from the investigation as upgrades are not proposed. ▪ A high-ceiling gymnasium along the western boundary. ▪ An outdoor basketball court with an asphalt surface covering, enclosed by a chainlink mesh fence, located toward the western site boundary.
Potential asbestos in building materials	The building materials contained within each building were observed to the extent practicable, but the inspection did not constitute a HAZMAT assessment. It was considered that some buildings may contain asbestos products including cement sheeting.
Manufacturing, industrial or chemical processes and infrastructure	Chemical processes and infrastructure on site were not observed. A groundskeeping facility was observed within the south eastern portion of the site, but was vacated at the time of the inspection. It is unknown if chemicals were stored within the facility historically.
Fuel storage tanks (USTs/ASTs)	Fuel storage tanks were not observed at the site.
Dangerous goods	Dangerous goods were not observed at the site.

Item	Details
Solid waste deposition	Evidence of residual building materials and waste were observed beneath structures, where accessible and visible. A laydown / storage area was observed within the south eastern portion of the site in the vicinity of the groundskeeping facility. Piles of soil were observed, however observations of soil properties were limited due to a dense cover of grass. Piles of mulch and concrete blocks were also observed.
Liquid waste disposal features	No liquid waste disposal features were observed on site. Wastewater from toilet blocks appeared to be connected to the local municipal sewerage network.
Evidence of previous site contamination investigations	None observed.
Evidence of land contamination (staining or odours)	None observed.
Evidence of groundwater contamination	None observed.
Groundwater use	Groundwater bores were not observed and groundwater extraction at the site is unlikely to occur.
Vegetation	Vegetation observed at the site included grassed areas at the sports oval surrounding buildings. Mature trees were observed along the eastern, southern and western boundaries, with occasional trees observed within the vicinity of buildings. The vegetation observed appeared to be in reasonable condition and did not appear to be stressed.
Site fencing	The entire site is fenced and comprised of a mixture of construction types, including: ▪ Colourbond metal sheeting along the eastern site boundary. ▪ Temporary metal mesh fencing dividing the site from the adjoining construction site to the north and north east. ▪ An agricultural style metal fence along the southern and western site boundary.
Interview information	An interview was not conducted with personnel from the site during the inspection.

2.3 Surrounding Land Use

The land uses immediately surrounding the site were identified during the site walkover inspection, desktop study and field work are summarised below in **Table 2-4**. The site and surrounding land uses are shown in **Figure 2** in **Appendix A**.

Table 2-4 Surrounding land uses

Direction from Site	Details	Sensitive Receptors	Distance / Direction to Sensitive Receptor
North	At the time of reporting, the adjoining neighbour to the site was the Budawange School for Specific Purposes. Further north is Croobyar Road and a predominantly low residential land use.	Infant and primary school students and staff. Low density residential users.	Immediately north.
South	Agricultural land use, predominantly livestock grazing with horses observed during the inspection.	Agricultural land users interacting with soil and potentially exposed to dust.	Immediately south of the site

Direction from Site	Details	Sensitive Receptors	Distance / Direction to Sensitive Receptor
East	Mixed land use including low density residential and commercial, with the Princes Highway further east.	Low density residential users.	Immediately east of the site.
West	An unnamed drainage channel is located immediately west of the site that drains into Pettys Creek.	Waters, flora and fauna within the drainage channel and downstream receivers.	Immediately west and downstream to the south.

3 Site History

A detailed site history review was undertaken as part of the PSI (Stantec, 2023) which utilised publicly available and searchable registers and data sets to identify land uses and other information that may identify onsite or offsite sources of contamination. A summary of site history information is provided in the subsections below.

In preparing this DSI, the following reports have been reviewed and considered:

- Douglas Partners "Report on Geotechnical Investigation proposed Budawang SSP Relocation" REF: 89390.02.R.001.Rev0 dated 6 November 2020.
- Douglas Partners "Report on Limited Intrusive Investigation for Contaminated Land Proposed Budawang SSP Relocation" REF 89390.02.R002.Rev0 dated 8 December 2020.
- Douglas Partners "Report on Desktop Surface Water and Groundwater Assessment Proposed Budawang School Relocation" REF 89390.04.R.001.Rev3 dated 23 April 2021.
- Stantec "Preliminary Desktop Site Investigation Report" RevA dated 16 October 2023.

3.1 Report on Geotechnical Investigation proposed Budawang SSP Relocation (DP, 2020a)

The pertinent points of the report that relate to contamination are summarised below:

- A total of eight (8) boreholes were advanced in 2020 on the northern section of the site for the relocation of Budawang School which has since been constructed
- Soil profile of site consisted of:
- 0.1-0.2m of topsoil.
- up to 1.0m of fill to the northwest of the site.
- firm to hard residual medium to high plasticity clay followed by very low strength Monzonite bedrock.
- Residual soils wet of optimum moisture to the west of the site which would be expected to lose strength when exposed to construction traffic of inclement weather
- Groundwater seepage observed in three (3) boreholes located to the west of the site
- Water table identified to be 2.2-5.5m below ground level at the time of the investigation
- Two (2) CBR tests were undertaken with a 4 day soaked CBR of 2.5% and 3.0%
- Site classified as 'Class P' in accordance with AS2870
- Mildly aggressive soils identified in borehole furthest to the west.

3.2 Report on Limited Intrusive Investigation for Contaminated Land Proposed Budawang SSP Relocation (DP, 2020b)

The pertinent points of the report that relate to contamination are summarised below:

- The report was commissioned by School Infrastructure New South Wales (SINSW) to provide sub-surface information for planning and design purposes for possible submission to Shoalhaven City Council with a Development Application. The investigation was targeted at the proposed relocation of the Budawang School for Specific Purposes (Budawang SSP).
- The investigation comprised the drilling of boreholes with in-situ testing and sampling followed by laboratory testing of selected samples, analysis and reporting. The investigation was undertaken concurrently with a geotechnical investigation that was reported separately (ref. 2020a, above).
- Select soil samples were analysed for a broad suite of contaminants.

- The field work comprised the drilling of eight boreholes (Bores 101 – 108) to depths of 2.2 – 5.5 m using a Kubota KX018-4 mini-excavator fitted with a 150 mm diameter auger attachment.
- The report identified the following potential sources of contamination:
    - The potential for contaminant migration on to the site from off-site sources (adjacent property uses included a coach company and builders' yard);
    - The potential use of fill of an unknown origin during the development of the site including the filling of drainage / creek lines;
    - The potential storage and use of hazardous chemicals associated with the scholastic use of the site, including horticultural activities, the maintenance of school facilities (e.g. pesticides / herbicides etc.) and the maintenance of horticultural equipment;
    - The potential use of hazardous building materials in the construction of site structures; and
    - The degradation of hazardous building materials that may exist localised to the areas directly adjacent to the site structures.
- The report identified the following potential human health receptors:
    - R1 - Current and future site users (residential).
    - R2 - Adjacent users (residential).
    - R3 – Construction and maintenance workers (commercial / industrial)
- The report identified the following potential ecological receptors:
    - R4 - Groundwater.
    - R5 - Surface Water (Pettys Creek, Stony Creek and Burrill Lake).
    - R6 - Flora and Fauna.
- The report identified the following potential pathways:
    - *P1* - Direct contact with soil (ingestion and dermal).
    - P2 - Inhalation of dust and/or vapours.
    - P3 - Leaching of contaminants and vertical migration into groundwater.
    - P4 - Surface water run-off from hardstand areas during heavy rainfall.
    - P5 - Lateral migration of groundwater providing base flow to watercourses.
    - P6 - Direct contact of contaminated ground with ecological receptors.
- The preliminary conceptual site model noted the following recommendations:
    - *An* intrusive investigation is recommended to assess possible contamination including chemical testing of the soils.
    - Testing of soils will be used as a as a screen for potential surface water and groundwater contamination.
- During the investigation, the following was noted with respect to soil observations and screening:
    - *The* results from the field testing using the PID were all relatively low, a maximum reading of 6.4 ppm and typically less than 1 ppm.
    - No obvious signs of contamination such as odours, staining or non-soil anthropogenic inclusions were encountered *during the field work.*
- Petroleum hydrocarbons were detected in some surface soil samples but were subjected to statistical analysis, which calculated a 95% UCL less than or equal to the adopted SAC. Based on the results, it was stated that 'as part of the investigation no significant contaminated land constraints with respect to on-site reuse of soils have been identified'.
- A preliminary waste classification was undertaken and the fill encountered at the site was preliminarily classified as General Solid Waste and the natural clays and bedrock were preliminarily classified as VENM. It was recommended that further waste classification investigation be undertaken following demolition of site structures and removal of surficial hardstand areas.
- The following was also recommended in the report:
    - *Furthermore,* following the complete removal of all fill, assessment should be undertaken to validate that natural materials have not been impacted by former site activities.
    - As a matter of due diligence, it is recommended that an UFP be implemented as part of a construction environmental management plan (CEMP) for any proposed earthworks and development.

    - *It* is further recommended that a pre-demolition hazardous building materials survey and testing of the asphaltic *concrete for the potential presence of coal tar be undertaken prior to the demolition of the site structures.*

3.3 Report on Desktop Surface Water and Groundwater Assessment Proposed Budawang School Relocation (DP, 2021)

The pertinent points of the report that relate to contamination are summarised below:

- Stated that "*the effects of the development on the local groundwater regime are considered to be minimal and no on-going groundwater monitoring is considered to be required*."
- Stated that "*The anticipated works associated with the proposed development would necessarily disturb the surface soils at the site and temporarily increase the likelihood of impacts to the adjacent tributary and associated riparian area. The potential impacts are associated with increased traffic during works, spoil generation and management, sewage and stormwater control vehicle and plant emissions, erosion and sediment control, waste management requirements"*.

3.4 Report on Preliminary Desktop Site Investigation for Shoalhaven Anglican School (Stantec, 2023)

The pertinent points of the report that relate to contamination are summarised below:

- The report was commissioned by School Infrastructure New South Wales (SINSW) to provide preliminary information on the contamination status of the site for the purpose of supporting the planning process for future redevelopment. The objectives of the PSI were to assess whether contamination has the potential to exist on the site and whether further investigation is needed.
- The investigation scope comprised following;
    - A detailed site walkover.
    - A collection of historical data by Lotsearch.
    - Relevant online maps including geology, hydrogeology, topography and acid sulfate soils risk maps.
    - A review of historical aerial photographs;
    - A review of NSW EPA contaminated land records and Protection of the Environment Operations (PoEO) Licenses.
    - A review of Information and documentation provided to Stantec by the client, including publicly available asbestos registers for the site
    - Interviews with relevant site operators, where possible.
    - Development of a Preliminary Conceptual Site Model based on the information gathered during the desktop study and site inspection, and
    - Preparation of a PSI report detailing the findings, conclusions, and recommendations for the site.

- Upon completion of the above scope, the following conclusions were drawn;
    - Aerial imagery from 1944 indicates that the site appeared to be relatively undisturbed agricultural land until some time between 1991 and 2003 when construction of the school was completed. The site configuration in current day appears generally consistent with that visible in the 2003 image.
    - In the context of the proposed upgrades, the areas surrounding the site are generally a low risk of contamination with potential impact the proposal. The upgradient land use to the east of the site is generally low density residential, and an unnamed creek bisects the site from the industrial precinct located west of the site.
    - The site was not subject to regulation by the NSW EPA and appeared to be free of statutory notices and licensing agreements under both the CLM Act 1997 and PoEO Act 1997 and was not included on the List of NSW Contaminated Site;
    - Evidence of filling was noted at various locations within the site. The sports field appears to be partially constructed upon fill, as well as the areas beneath and surrounding the

basketball court, gymnasium and surrounding some buildings and landscaped areas. Due to the natural gradient of the site, with a slight to moderate fall from east to west, to enable construction of buildings and structures, and to establish levelled landscaped areas, would have required filling. The origin and quality of such fill is unconfirmed.

- Waste and anthropogenic materials were observed beneath some buildings constructed on brick piers. Due to the site buildings being constructed post 1991, according to aerial photographs, the likelihood of asbestos being present in the debris beneath buildings is considered low but cannot be completely discounted.
- Intrusive investigations were undertaken previously by Douglas Partners that were undertaken to assess the potential for contamination in the context of the relocation of the Budawang School for Specific Purposes. The construction of this school was underway at the time of the inspection. The investigations concluded that the risk of contamination at the specific sampling points were considered low, which are outside of the current subject site.
- In consideration of the desktop review, document review, and site inspection, the following potential sources of contamination were identified as potentially creating a complete exposure pathway for the proposed alterations and upgrades and ongoing land use as a primary school:
- Weathering of building materials within current and former buildings and structures, and demolition activities that may have resulted in latent hazardous building materials. This risk and likelihood are generally considered low due to the inferred construction of buildings post-1991.
- Potentially contaminated fill materials imported to the site. This risk and likelihood are considered low to medium.
- Pest control, application of chemicals around / beneath buildings and structures, and during horticultural activities. This risk and likelihood are considered low to medium.
- Offsite upgradient neighbouring properties to the east could be considered potential sources of contamination, however, due to the assumed relatively shallow earthworks required for the proposed upgrades and alterations, the risk associated with potential offsite sources was considered low.

- Based on the findings, and with reference to the purpose and objectives of this investigation, the following recommendations were made;
    - An intrusive investigation is recommended at the locations proposed for disturbance and redevelopment. The basis for this recommendation is the observations of fill across the site that is of an unknown origin and quality. Potential application of chemicals for pest control may have also impacted shallow soil at localized areas beneath and surrounding building footprints.
    - The investigation should be targeted at locations where earthworks and ground disturbances are necessary for the proposed upgrades and alterations. The concept design provided to Stantec was current at the time of preparing this report, however, prior to undertaking an intrusive investigation, the status of the design should be confirmed with Schools Infrastructure.
    - Where structures are proposed for demolition and/or removal under the concept design, such as demountable buildings, it is recommended that the soils beneath be assessed for suitability to remain on site. Whilst asbestos was not observed, a significant quantity of waste was noted beneath some accessible buildings.

4 Conceptual Site Model

4.1 Preliminary CSM

A Conceptual Site Model (CSM) provides an assessment of the fate and transport of contaminants of potential concern within the context of site-specific subsurface conditions regarding their potential risk to human health and the environment. The CSM was prepared in consideration of the guidance provided in within the National Environment Protection Measure (NEPM) 2013 Schedule B2 – Guideline on Site Characterisation.

Potential risk to human health and the environment is identified through complete Source – Pathway – Receptor (SPR) linkages. To identify SPR linkages, the CSM considers site specific factors including:

- Source(s) of contamination.
- Identification of contaminants of concern associated with past (and present) source(s).
- Site specific information including soil type(s), depth to groundwater, effective porosity, groundwater flow velocity and surface water bodies and interactions.
- Locations of any identified sources relative to the proposed site activity.
- Actual or potential receptors considering both current and future land use both for the site, adjacent properties, and any identified sensitive ecological receptors.

4.1.1 Identified contamination sources

Based on review of the historical reports, site history and surrounding land uses, Stantec have identified the following potential sources of contamination that may be encountered onsite:

- Weathering of building materials within current and former buildings and structures.
- Demolition of buildings and structures that may have resulted in latent hazardous building materials.
- Potentially contaminated fill materials imported to the site / waste beneath buildings.
- Pest control, application of chemicals around/beneath buildings and during horticultural activities.

4.1.2 Identified Receptors

A high-level summary of potential receptors considered to be susceptible to site contamination include:

- Future students;
- Construction workers (proposed activity);
- Future staff post-development, including teachers, groundskeepers and contractors;
- Adjacent site users; and
- Ecological receptors such as mature trees, waterbodies and shallow groundwater.

A CSM provides an assessment of the fate and transport of contaminants of potential concern within the context of site-specific subsurface conditions, and with regard to their potential risk to human health and the environment. Risk to human health and the environment is identified through complete Source – Pathway – Receptor (SPR) linkages. To identify SPR linkages the CSM considers site specific factors including:

- Source(s) of contamination;
- Identification of contaminants of concern associated with past (and present) source(s);
- Site specific information including soil type(s), depth to groundwater, effective porosity, groundwater flow velocity and surface water bodies and interactions;
- Locations of any identified sources relative to the proposed site development; and

The preliminary CSM applicable to the site is summarised in **Table 4-1** and applies to the potential future land use settings.

Table 4-1: Preliminary CSM

Contaminant Source	Potential Impacted Media	Contaminants of Potential Concern	Potential Exposure Pathways	Receptors	Likelihood of complete exposure pathway
Weathering of building materials within current and former buildings and structures Demolition of buildings and structures that may have resulted in latent hazardous building materials	• Air • Surficial Soils	• Asbestos • Lead • PCB • Synthetic mineral fibres	• Direct Contact • Incidental Inhalation dust/or fibres (asbestos) • Incidental Ingestion	**Human:** • Current site users • Future Site workers (including maintenance workers) **Ecological:** • Existing and future plant-based biota within the site • Offsite receptors including vegetation and waterways	Weathering of building materials and latent building materials post-demolition, low: latent waste and rubble were observed beneath buildings, where accessible. Weathering of current and historical structures, as well as historical demolition activities, may have also resulted in the release of hazardous materials to ground surface. The risk is generally considered low due to the site structures being constructed between 1991 and 2003 when the occurrence of asbestos in building materials was less likely.
Potentially contaminated fill materials imported to the site / waste beneath buildings	• Soils	• Metals • TRH • PAH • BTEX • OCP • OPP • PCB • PFAS • Asbestos	• Direct contact • Incidental ingestion • Incidental inhalation dust and/or fibres (asbestos) • Vapour intrusion (volatiles only)		Potentially contaminated fill / waste beneath buildings, low to medium: filling was evident at various locations within the site, such as beneath and surrounding buildings / structures, and the properties of filling are unknown. Pest control, low to medium: chemical products may have been applied directly to the ground surface around and beneath buildings and structures as part of an ongoing maintenance schedule. There is
Pest control, application of chemicals around /		• OCP • OPP	• Direct contact • Incidental ingestion		

Contaminant Source	Potential Impacted Media	Contaminants of Potential Concern	Potential Exposure Pathways	Receptors	Likelihood of complete exposure pathway
beneath buildings and during horticultural activities			• Incidental inhalation dust		potential for chemical residues to exist in shallow soils, particularly in areas that are not exposed to rainfall and surface water flows. Horticultural activities undertaken at the site, such as withing the agricultural plot of the school, may have utilised pesticides and herbicides, however, that location is not proposed for redevelopment.

5 Data quality objectives

5.1 Data quality Objectives

The NSW EPA *Guidelines for the NSW Site Auditor Scheme* (3rd Edition) (EPA 2017), the NEPC 2013, and the NSW EPA *Consultants Reporting on Contaminated Land: Contaminated Land Guidelines* (EPA 2020), require that Data Quality Objectives (DQOs) be identified for all assessment and remediation programs. The DQO process as adopted by the NSW EPA is described within US EPA (2000) *Guidance for the Data Quality Objectives Process and Data Quality Objectives Process for Hazardous Waste Site Investigations.*

The DQOs are summarised in **Table 5-1** below.

Table 5-1: Data Quality Objectives

DQO Step	Discussion
Step 1: State the Problem (Summarise the contamination problem that will require new environmental data, and identify the resources available to resolve the problem, develop a conceptual site model)	Available information, including previous reports, has identified several potential sources of contamination, as outlined in **Section 4.1**. Upgrades and alterations to specific portions of the site are proposed, as described in **Section 1.2**. An investigation is required to assess if contamination is present within the site at unacceptable concentrations, rendering the site unsuitable, considerate of the identified human and ecological receptors.
Step 2: Identify the decision / goal of the study (Identify the decisions that need to be made on the contamination problem and the new environmental data required to make them)	Our default assumption (null hypothesis) for the purpose of the study is that: • The site is impacted by contamination at a level that would impact the suitability of the proposed activity due to prior activities and potential contaminant sources listed in the Preliminary CSM. We aim to show, that: • The site areas planned for redevelopment are not impacted by contamination at a level that represents a risk to current and / or future onsite and offsite receptors. If this can be shown, subject to the limitations of the investigation methodology, then the site will be determined not impacted by contamination that present a risk to current, ongoing and future land uses, or that will not constrain the proposed future activity. If this cannot be shown, then the following decisions will be made: • Is further investigation required; and / or • Is remediation necessary to make the site suitable for the intended land use.
Step 3: Identify the Information Inputs (Identify the information needed to support any decision and	Inputs regarding the decision-making process included the following: • Guidelines made or approved by the NSW EPA under the Contaminated Land Management Act 1997; • Client information provided (such as proposed design information); • The current and proposed land use;

DQO Step	Discussion
specify which inputs require new environmental measurements)	• Available site historical information and existing reports; • Visual observation and documentation (i.e. field notes, geological logs, photographs) during site works; and • Assessment of analytical results (soil, water, sediment) in relation to the adopted human health and ecological criteria.
Step 4: Define the study boundaries (Specify the spatial and temporal aspects of the environmental media that the data must represent to support decision)	The boundaries of the study are: • Lateral – the intrusive investigation is limited to the lateral extent of the site, as shown in **Figure 1 in Appendix A**. • Vertical – the intrusive investigation within fill materials was advance to a maximum depth of 3.5 m; • Discrete locations within the surface water body that passes along the western boundary; and • Temporal – Results are representative of conditions on the day of data / sample collection and remain valid as long as no changes occur on site or contamination (if present) does not migrate to or from the site.
Step 5: Develop the analytical approach (To define the parameter of interest, specify the action level, and integrate previous DQO outputs into a single statement that describes a logical basis for choosing from alternative actions)	Parameters of interest include the laboratory results of primary and quality control soil analytical testing. The final CSM must also be considered sufficient and not limited by data gaps that bring question to the quality of the results. Data will be considered suitable for use where: ▪ The laboratories are NATA-accredited and quality assurance/ quality control data are within the acceptable ranges, nominated **Section 5.2**; and • The Practical Quantitation Limit (PQL) or Limit of Reporting (LOR) for all analyses is at or below the adopted criteria level. Where data does not meet suitability criteria the following approaches will be considered: • Data will be considered unsuitable and not used for the site assessment (i.e. where blanks indicate cross-contamination); or • Adopted with qualification (i.e. heterogenous distribution of metals within replicate samples). Further sampling may be necessary to close data gaps resulting from unsuitable data. Soil results will be considered less than the adopted site criteria nominated in **Section 8.1** if: ▪ Soil materials are aesthetically suitable for the proposed land-use; and ▪ The laboratory reported results are less than the relevant adopted criteria; or ▪ For a representative group of soil samples (i.e. from the same strata and / or area within the site): – The calculated 95% Upper Confidence Level of the arithmetic mean (95%UCL) contaminant concentration is less than criteria; and – The standard deviation of the results is less than 50% of the relevant adopted criteria; and,

DQO Step	Discussion
	– No single analytical result for a contaminant of concern exceeds 250% of the relevant adopted criteria. If results are greater than the adopted criteria then they will be considered to indicate contamination of land and will trigger a decision on further assessment or remediation; otherwise if no results are greater than the adopted criteria then the material will be considered suitable for the intended land-use.
Step 6: Specify performance or acceptance criteria (Specify the decision-maker's acceptable limits on decision errors, which are used to establish performance goals for limiting uncertainties in the data	Two primary decision error-types may occur due to uncertainties or limitations in the project dataset: • A sample/area may be deemed to pass the nominated criteria, when in fact it does not. This may occur if contamination is missed due to limitations in the sampling plan, or if the project analytical data set is unreliable • A sample/area may be deemed to fail the nominated criteria, when in fact it does not. This may occur if the project analytical dataset is unreliable due to inappropriate sampling, sample handling or analytical procedures. The following aspects were considered when establishing the acceptable limits on decision errors: • The null hypothesis for the project is: the sample/investigation area is deemed to be contaminated. Sufficient weight of evidence, via the uses of statistical analysis (e.g. 95% upper confidence limit of the mean [UCL]) and/or gathering multiple lines of evidence (e.g. desktop review and laboratory analytical data), would be required to reject/disapprove the null hypothesis • A quality assurance / quality control (QA/QC) assessment evaluating the reliability and useability of data, which are expressed as five DQIs summarised in **Section 5.2**.
Step 7: Develop the plan for obtaining data (Identify the most resource-effective sampling and analysis design for general data that are expected to satisfy the DQOs)	The work plan is designed to meet the project objectives and the DQOs outlined above. To ensure resource-effective sampling, analysis and data collection that satisfied the DQOs, the following actions are to be taken: • Preparation of an SAQP to define the scope of works; • Written instructions will be used to guide field personnel in the required fieldwork activities; • Representative soil samples will be collected from the site and analysed for characterisation purposes; • Field works and analyses will be undertaken in accordance with Stantec Standard Operating Procedures. • Further detail on the Investigation Methodology is provided in **Section 5.2** below.

5.2 Data Quality Indicators

To ensure that the investigation results of an acceptable quality, the data set will be assessed against the data quality indicators (DQIs) outlined in **Table 5-2**.

Table 5-2: Data Quality Indicators

QA/QC Measure	Field Quality Indicator	Laboratory Quality Indicator
Precision: A quantitative measure of the variability (or reproducibility) of data	• SOPs are appropriate and complied with. • Field duplicates and Blind field duplicates are collected and analysed at a rate of 5% (1 per 20 samples). • Use of calibrated equipment.	• Laboratory analyses of laboratory and inter-laboratory duplicates, field duplicates, laboratory prepared volatile trip spiles. • Relative Percent Difference (RPD) calculation results: • <30% Relative Percentage Difference (RPD). • The RPD values are calculated using the following equation: $$RPD = \left(\frac{Co - Cr}{\frac{[Co + Cr]}{2}}\right) \times 100$$ Where, C_O = Analyte concentration of the original sample C_R = Analyte concertation of the duplicate sample
Accuracy: A quantitative measure of the closeness of reported data to the "true" value	• SOPs are appropriate and complied with. • Use of calibrated equipment. • Field interlaboratory duplicates sampled and analysed at a rate of 1 per 20 samples. • <30% Relative Percentage Difference (RPD) for replicate pairs where at least one result is >10x LOR • Analysis of rinsate sample collected at rate of 1 per day. • Trip spike and trip blanks were used.	• Laboratory holds NATA-accreditation for the analyses. • Laboratory limit of reporting is below the adopted investigation level. • Laboratory analysis of: field blanks, rinsate blank, reagent blank, method blank, matrix spike, matrix spike duplicate, surrogate spike, reference material, laboratory control sample, laboratory-prepared spikes. The nominal acceptance limits on laboratory control samples are: – Laboratory spikes: o 70-130% recovery for metals o 60-140% for organics – Laboratory duplicates. If contaminant concentration is: o < 10 x PQL, no RPD limit o 10-20 x PQL, RPD is 0% to 50% o >20 x PQL, RPD is 0% to 20% – Laboratory surrogates: 60-140% recovery. – Laboratory blanks: <PQL – Laboratory control samples, 70-130% recovery
Representativeness: The confidence (expressed qualitatively) that data	• Appropriate media sampled. • Preservation and storage of samples upon collection and during transport to the laboratory occurs.	• Blank samples run in parallel with field samples to confirm there are no unacceptable instances of laboratory artefacts.

QA/QC Measure	Field Quality Indicator	Laboratory Quality Indicator
are representative of each media present on site and the conditions encountered in the field	• Sampling is undertaken by an experienced sampler.	• Review of RPD values for field and laboratory duplicates to provide an indication that the samples are generally homogeneous, with no unacceptable instances of significant sample matrix heterogeneities • The appropriateness of collection methodologies, handling, storage and preservation techniques will be assessed to ensure/confirm there was minimal opportunity for sample interference or degradation (i.e. volatile loss during transport due to incorrect preservation / transport methods). • Rinsate samples used when sampling equipment is reused have analytical results <LOR.
Completeness: A measure of the amount of useable data from the data collected during the fieldwork program	• All critical locations sampled. • All samples collected (from grid and at depth). • Standard operating practices (SOPs) appropriate and complied with. • Sampling is undertaken by an experienced sampler. • Suitable records of field work are documented. • Completed laboratory sample chain-of-custody and documentation.	• All critical samples are analysed according to the SAQP. • All contaminants of concern are analysed. • Appropriate methods and PQLs are implemented. • Sample documentation is complete. • Samples are analysed within holding times.
Comparability: The confidence (expressed qualitatively) that may be considered to be equivalent for each sampling and analytical event	• Same SOP is used on each field occasion. • Climatic conditions are documented. • Experienced sampler • Sample type, preservation and handling are consistent at sampling events. • Use of calibrated equipment.	• Sample analytical methods used (including clean-up) • Sample PQLs (justify/quantify if different) • Same laboratories are used and justification is given where differences occur. • Same analytical methods, Practical Quantification Limits (PQLs), and units of measurement are used.

6 Assessment Criteria

The assessment has been undertaken in the framework of a Tier 1 risk assessment. A Tier 1 assessment is a risk-based analysis comparing site data with generic investigation levels and screening levels for various land uses to determine the need for further assessment or development of an appropriate management strategy. The application of investigation and screening levels is subject to a range of limitations.

To identify appropriate screening criteria, the pathways and receptors identified in **Section 4** have been compared to the pathways and receptors considered under the human health and ecological scenarios presented in the NEPM (NEPC, 2013).

Table 6-1 presents identified human health pathways and receptors against the items considered in each of the human health screening level scenarios within the NEPM. Based on the results of this comparison, and based on the intended future land-use, the most broadly protective level to apply to the site is HIL-A – Residential with garden/accessible soil.

Table 6-1: Human Health screening levels scenarios comparison

HIL Element	HIL-A	In CSM?	Comment
Exposure Pathway			
Indoor inhalation of dust	Y	**Y**	
Outdoor inhalation of dust	Y	**Y**	
Dermal contact with shallow soil and dust	Y	**Y**	
Incidental ingestion of shallow soil and dust	Y	**Y**	
Ingestion of home-grown vegetables and fruit	Y	**Y**	Agricultural plot evident within the site, though assumed to remain unchanged based on supplied design information
Ingestion of home-grown poultry and/or eggs	N	**N**	
Ingestion of soil adhering to home-grown produce	Y	**Y**	Agricultural plot evident within the site, though assumed to remain unchanged based on supplied design information
Indoor inhalation of vapours derived from soil	H	**Y**	
Outdoor inhalation of vapours derived from soil	N	**N**	
Indoor inhalation of vapours derived from water	H	**N**	
Outdoor inhalation of vapours derived from water	N	**N**	
Indoor inhalation of vapours derived from soil vapour / gas	H	**Y**	
Outdoor inhalation of vapours derived from soil vapour / gas	N	**N**	
Sensitive Receptor			

HIL Element	HIL-A	In CSM?	Comment
Adult – Resident	N	**N**	
Adult – Worker	Y	**Y**	
Adult – Recreation	N	**N**	
Child – Recreation	Y	**Y**	
Child – Resident	N	**N**	

Y – Yes, considered in HIL or present onsite

N – No, not considered in HIL or present onsite

H – Considered in interim vapour HIL or HSLs only

Table 6-2 presents identified terrestrial ecological receptors and the applicable levels of protection. Based on this comparison the most applicable screening level for current and future land-use is "urban residential and public open space".

Table 6-2: Ecological screening level scenario comparison

EIL Level	Protective of…	Standard % species protection	Biomagnification % species protection	In CSM?
National Parks and Areas of Ecological Significance	Undisturbed ecosystems with high conservation values	99	99	No
Urban residential and public open space	A reasonably high degree of function in modified ecosystems	80	85	Yes
Commercial and industrial	Basic soil processes and recovery if land-use changes	60	65	No
Agricultural land – crops	Commercial crop and grass species, excludes native flora	95	98	No
Agricultural land – soil processes and terrestrial fauna	Soil processes and terrestrial fauna necessary for nutrient cycling	80	85	Yes

Biomagnification protection applies for sites >250 m2 in urban residential and public open space, and >1,000 m2 for commercial, industrial and agricultural land.

Specific guideline values adopted as part of this assessment based on contaminants of concern and applicable protection levels are summarised in **Table 6-3** and **Table 6-2**.

6.1 Human Health Criteria

Table 6-3: Human Health Assessment Criteria

Guidelines	Specific Criteria	Justification
ASC NEPM (NEPC, 2013)	HIL-A, Table 1A(1) Schedule B1 HSL-A Table 7, Schedule B1.	Health Investigation Level (HIL) A thresholds have been adopted to assess the risk to site users from soil contamination. As the activity includes school facilities for primary school students, the HIL-A exposure scenario (residential with garden/accessible soil) is considered appropriate given the sensitive land use leading to potential exposure to soil and dust and vapours. ▪ HIL for 'residential with garden/accessible soil (home grown produce <10% fruit and vegetable intake, (no poultry), also includes children's day care centres, preschools and primary schools' (HIL-A) ▪ Health Screening Level (HSL) A thresholds have been adopted to assess vapour intrusion and inhalation in a clayey sand geological setting. This has been adopted as the most conservative scenario for vapour intrusion. Application of the HIL A criteria must consider the specific land users and the frequency and duration of occupation. The HIL A criteria apply to pre-schools and primary schools where students attend the site as their primary place of education.
	Asbestos	HSL-A criteria for asbestos will be applied based on the same criteria noted above for HIL-A. Criteria for fibrous asbestos (FA) / asbestos fines (AF) (friable asbestos) will only be applied to samples collected for the purpose of laboratory assessment for analysis in accordance with the NEPM methodology. HSL-A criteria will only be applied for the assessment of asbestos containing material (ACM) (bonded asbestos) in soil where 10L screen in accordance with NEPM methodology is able to be completed. Any incidental finds of asbestos will be screened on a presence / absence basis. ▪ If asbestos impacts are identified, potential risk to workers will be considered under SafeWork NSW (2019) *Code of Practice: How to manage and control asbestos in the workplace* and other guidelines for working with asbestos impacted materials.
	Aesthetic Criteria	In order to assess aesthetic suitability, the following were considered: ▪ Whether chemical discolouration or large quantities of inert foreign materials may cause concern to future site users; ▪ The depth of aesthetically unsuitable materials in relation to final site surface or soil use depths (i.e. for gardens and plantings) ▪ The need for, and practicality of, any long-term management of aesthetically unsuitable materials.
CRC CARE 2011	HSL-A	Health Screening Level (HSL) A thresholds have been adopted to assess for risk from direct contact with TRH impacted soils and are protective of current and future site users in the event of contact with gross hydrocarbon impacted soils. Land-use scenarios are equivalent to those within the NEPM.

Guidelines	Specific Criteria	Justification
NEMP 3.0 (HEPA, 2025)	Residential with garden/accessible soil (HIL A)	Due to the potential presence of PFAS, the following guideline values for human health guideline values which have been derived from the ASC NEPM for HIL-A ▪ Perfluorohexane sulfonic acid (PFHxS) (HIL-A: 0.003 mg/kg). ▪ Perfluorooctane sulfonic acid (PFOS) (HIL-A: 0.003 mg/kg). ▪ Sum of PFOS and PFHxS (HIL-A: 0.003 mg/kg). ▪ Perfluorooctanoate (PFOA) (HIL-A: 0.06 mg/kg). The HIL A criteria apply to pre-schools and primary schools where students attend the site as their primary place of education.

6.2 Ecological Assessment Criteria

EIL Ecological Investigation Levels (EIL) and Ecological Screening Levels (ESL) have been adopted to assess the risk to future ecological receptors (i.e. flora and fauna in landscaped areas) under an urban residential and public open space land use scenario.

Table 6-4 Ecological Assessment Criteria

Guidelines	Specific Criteria	Justification
NEPC 2013, Schedule B1	EIL, Table 1B(1) Table 1B(2) Table 1B(3), Table 1B(4), Table 1B(5) Schedule B1	The ecological investigation levels (EIL) were calculated based on the following: ▪ Specific soil physiochemical properties and land use scenarios and generally apply to the top 2m of soil; ▪ Adding the generic added contaminant limit (ACL) to the ambient background (ABC) for NSW, high traffic, old suburb; 'Aged' EIL for screening criteria; ▪ The NEPM Worksheet Toolbox for derivation of EILs will be used; and ▪ Generic EILs will be utilised for arsenic, and lead. The site-specific parameters utilised to calculate the EILs utilised for this assessment are provided below in **Table 6 5**.
	ESL	The generic Ecological Screening Levels (ESL) thresholds for urban residential and public open space, coarse grained soils, based on the current and proposed school use will be adopted for natural soils.
NEMP 3.0 (HEPA, 2025)	Ecological direct exposure and ecological indirect exposure for all land uses Table 3	The interim ecological soil guideline values consider direct exposure (i.e. close contact with soil) and indirect exposure (i.e. exposure through the food chain). The interim guideline values apply to all land uses. Indirect exposure: ▪ PFOS -1 mg/kg. ▪ PFOA – 10 mg/kg Direct exposure: ▪ PFOS – 0.003 mg/kg ▪ PFOA – 0.003 mg/kg

The EIL calculation spreadsheet was utilised to calculate the EIL for copper, chromium (III), nickel and zinc utilising the least favourable criteria from **Table 6-5**. This approach identified the EIL for the soil type within the site least able to absorb additional levels of each contaminant.

Table 6-5 EIL Criteria

		pH	CEC	Clay (%)	TOC (%)	Copper	Chromium	Nickel	Zinc
TP107_0.1	Sandy CLAY	5.2	15	8	2.9	120	380	220	290
TP115_0.5	Gravelly CLAY	5	21	4	2.3	100	300	280	260
TP118_1	Sandy CLAY	4.6	15	23	1.2	80	530	220	210
TP118_2.5	Silty CLAY	4.5	7	18	1.3	75	490	75	200

6.3 Sediment Assessment Criteria

The sediment assessment criteria has been adopted from the Toxicant Default Guideline Values for sediment quality published in the Australia and New Zealand Guidelines for Fresh & Marine Water Quality 2018 (ANZG, 2018) and are summarised in Sediments will also be screened against the human health and ecological soil assessment criteria discussed in **Section 6.1** above.

Table 6-6 below, along with the rationale behind the adopted criteria. Where no applicable criteria exists for a contaminant within the sediment guidelines, a relevant criteria from the above-described soil screening criteria were adopted.

Sediments will also be screened against the human health and ecological soil assessment criteria discussed in **Section 6.1** and **Section 6.2** above.

Table 6-6 Sediments Assessment Criteria

ANZG (2018)	Default Guideline Values (DGV)	The sediment toxicant DGVs will be adopted as baseline criteria for aquatic ecosystems. Where contaminants are below the DGV there is a low risk of unacceptable effects occurring.
	GV-High	GV-high will be used as an indicator to assess whether contamination of sediments indicates potential high-level toxicity problems.

6.4 Surface Water Assessment Criteria

The environmental quality of surface water has been assessed against relevant environmental values that are applicable to the type of water use and potential human health and ecological exposures that could occur from its use.

The water quality analytical results are compared to guidelines made or approved under s105 of the CLM Act 1997 by NSW EPA and through the NSW Water Quality Objectives.

The applicable environmental values and surface water assessment criteria are outlined inTable **6-8** summarises the applicable surface water assessment criteria used to evaluate potential impacts across various environmental and human health receptors.
Table 6-8 below, whereas the rationale for the criteria is provided in **Section 6.4.1**.

6.4.1 Rationale for Surface Water Assessment Criteria

The NSW Government adopted the National Water Quality Management Strategy (NWQMS) as its policy to manage the quality of waterways in New South Wales and protect water resources (NSW DPIE, Protecting and managing water quality, https://www.environment.nsw.gov.au/topics/water/water-quality/protecting-and-managing-water-quality).

The NSW Water Quality Objectives include default trigger values for toxicants, physical, and biological stressor for each catchment. Toxicant default guideline values (DGVs) are outlined in Australian and New Zealand Guidelines for Fresh and Marine Water Quality (Water Quality Guidelines, ANZG 2018) while physical and biological stressors, and relevant environmental values are provided at NSW Water Quality and River Flow Objectives (https://www.environment.nsw.gov.au/ieo/index.htm).

In accordance with the NSW Water Quality Objectives and the *Guidelines for the Assessment and Management of Groundwater Contamination* (Ref. DEC, 2007), groundwater, including surface water, acceptance criteria are based on environmental values considered relevant for the water use at the site and surrounding uses of surface waters that may be affected by the site. Environmental values are as explained below **Table 6-7**.

Table 6-7 Assessment of Surface Water Environmental Values

Protection of aquatic ecosystems	Yes	There is a creek line located at the western boundary of the site. The potential receiving water bodies for the site are surface run off from the subject site and the adjacent school at north. The creek line is connected with Pettys Creek and both the unnamed creek and Pettys Creek are freshwater environments. Protection of freshwater aquatic ecosystems is considered an applicable environmental value.

Drinking water	No	The creek line or the receiving downstream creeks are unlikely to be used by humans as a potable water supply. A bore search did not identify domestic bores within 1km of the site. As such, this environmental value is not considered to be directly relevant.
Irrigation	Yes	On-site use of the creek for irrigation purposes is not evident. In the event that the creek is used for dust suppression or irrigation during the future construction, this environmental value has conservatively been considered applicable as a preliminary screening value.
Stock Watering	No	On-site use of surface water for stock watering purposes is not currently practiced. A search of registered bores did not identify domestic bores within 500m of the site. This environmental value is not considered relevant.
Industrial Use	No	Use of surface water for industrial purposes is not currently undertaken. Specific industrial processes would require separate assessment and are not considered further in this report.
Aquaculture and human consumption of aquatic foods	No	A review of the NSW Department of Primary Industries NSW Aquaculture Industry Directory 2019 did not list an aquaculture producer on or in close proximity to the site. This environmental value is not considered relevant.
Primary and Secondary Contact Recreational Use	No	It is unlikely that whole body primary or incidental secondary contact to surface water may occur either for students or workers during construction. Definitions of water contact are as follows: • Whole body contact (primary contact) — activity in which the whole body or the face and trunk are frequently immersed or the face is frequently wet by spray, and where it is likely that some water will be swallowed or inhaled, or come into contact with ears, nasal passages, mucous membranes or cuts in the skin (e.g. swimming, diving, surfing or whitewater canoeing). • Incidental contact (secondary contact) — activity in which only the limbs are regularly wet and in which greater contact (including swallowing water) is unusual (e.g. boating, fishing, wading), and including occasional and inadvertent immersion through slipping or being swept into the water by a wave. • No contact (aesthetic uses) — activity in which there is normally no contact with water (e.g. angling from shore), or where water is incidental to the activity (such as sunbathing on a beach). • The waterbody is considered aesthetic in nature with no clear usage for recreation. As such, this environmental value is not considered applicable.
Non-use scenarios (i.e. vapour inhalation and intrusion)	Yes	Groundwater health screening levels for vapour intrusion (HSLs) are published in the NEPC 2013, Schedule B1 for selected petroleum compounds and fractions and are applicable to assessing human health risk via the inhalation and direct contact pathways. Workers and future users/occupiers of the land may be exposed to vapours emanating from contaminated surface water if present. This environmental value should be assessed.

Buildings and Structures	Yes	Surface waters are unlikely to come into contact with buildings and infrastructure. This is not considered applicable.
Visual amenity and aesthetics	Yes	Surface waters with aesthetic or visual amenity issues may occur within site waterbodies and as such should be assessed.

Table 6-8 summarises the applicable surface water assessment criteria used to evaluate potential impacts across various environmental and human health receptors.

Table 6-8 Surface Water Assessment Criteria

Protection of aquatic Ecosystem	ANZG 2018 & NSW Water Quality and River Flow Objectives	• Freshwater, 95% level of protection, toxicant default guideline values (DGVs). Where a contaminant is bio-accumulative, the 99% level of protection criteria are adopted. • Physical and biological indicators: Default Trigger Values in NSW Water Quality and River Flow Objectives.
	For PFAS: HEPA NEMP 2025 (Ver. 3.0), Table 5	Freshwater, 95% level of protection. The 95% level of protection defaults to the 99% level of protection as PFAS are bio-accumulative.
Irrigation	ANZG 2018 & NSW Water Quality and River Flow Objectives	ANZG 2018 refers to ANZECC 2000, Volume 3, Chapter 9.2. Short-term and long-term trigger values. Irrigation criteria will be applied where applicable.
Visual amenity and aesthetics	ADWG 2022	Aesthetic assessment will be undertaken in accordance with guidance within Chapter 10.
Water in non-use scenarios (i.e. vapour inhalation and intrusion)	NEPM 2013	Groundwater – HSL A&B for vapour intrusion in residential settings.

7 Methodology

7.1 Site Investigation Program

Fieldwork was managed and delivered by experienced contaminated lands professionals from Stantec. Photographs captured to document the site works are provided in **Appendix DB**, with geological logs presented in **Appendix F**. A summary of the field activities undertaken during the investigation is provided below in **Table 7-1**.

The Quality Assurance / Quality Control (QA/QC) program is discussed in the DQO and DQI summary in **Section 5**. Copies of NATA-accredited laboratory reports and chain of custody documentation is provided in **Appendix F**.

Table 7-1 Investigation Activity Summary

Dates of Field Activity	The specific site activities undertaken are summarised below in chronological order: • Service locating, a site walkover, and soil sampling were carried out on 12th May 2025, in conjunction with a geotechnical investigation utilising a mechanical drill rig. • Soil sampling was carried out on 12th May 2025, in conjunction with a geotechnical investigation using a drill rig. • Test-pitting, including, soil sampling, logging and sampling was undertaken using an excavator on the 26th to 28th May 2025. • Soil sampling using a hand auger, surface water and sediment sampling was undertaken on the 29th of May 2025.
Service Location	Underground service utilities and intrusive sampling points were located (marked with spray paint) and cleared for drilling and excavation prior to the commencement of the intrusive investigation.
Soil Drilling	Sixteen (16) boreholes were advanced by Stante's geotechnical team to a maximum depth of 6.0 m below ground level (mBGL) or prior refusal with a trailer mounted drill rig, typically refusing on inferred bedrock or extremely weathered material. The distribution of boreholes within the site is shown on **Figure 2**, **Appendix A**.
Test Pitting	Twenty-seven (27) test pits were advanced utilising a 5-tonne track mounted excavator to maximum depths of 3.5 bgl. The distribution of test pits within the site is shown on **Figure 2**, **Appendix A**.
Soil Boring (hand excavations)	Three (3) soil bores were advanced via use of hand auger to a maximum depth of 1.3 m bgl. The distribution of soil bores is shown on **Figure 2**, **Appendix A**.
Soil and Sediment Logging	The geological profile and observations of each test pit and soil bore were logged onsite in general accordance with Australian Standard AS 1726:2017 – Geotechnical Site Investigations.

Soil Sampling	• Soil samples were collected from 0.1 m bgl (near surface), 0.3 m bgl, 0.5 m bg; 1.0 m bgl and every metre thereafter or at target depths. Additional samples were collected at changes in stratigraphy or if contamination indicators (such as staining or odours) are noted. • Each soil sample was screened for volatile organic compounds (VOC) content with a calibrated photo-ionisation detector (PID); • All excavated material was inspected for potential indicators of contamination including odour, sheen, staining and the presence of anthropogenic materials; • Sampling was undertaken whilst wearing disposable nitrile gloves, transferring soils to the designated sampling containers. All soils were collected on the same days as excavation to ensure that contaminants prone to degradation and volatilisation (such as VHC, TRH and BTEX) are representative; and • Field duplicate samples were collected for QA/QC purposes, by carefully mixing the material and distributing evenly between sampling containers.
Asbestos Sampling Methodology	The procedure for asbestos identification in soils included: • Visual assessment of excavated materials and at ground surface for the presence of asbestos, completed by a 'Competent Person', as defined by the SafeWork NSW Code of practice: how to safely remove asbestos (2022); • Stantec field staff were equipped to undertake a NEPM field assessment methodology of soils for ACM, which includes collection of 10L soil samples and visual assessment against a coloured tarp for asbestos fragments. This process was not conducted at as there were no markers of ACM, as recommended by the applicable guidelines. AF and FA were assessed through collection of grab samples from fill strata.
Soil Sample Analysis Selection	Analytical testing of soil samples generally targeted fill materials, however, where encountered, samples were also collected from the underlying natural soil and assessed for contamination indicators. A select number of natural soil samples were analysed for environmental contamination.
Sediment sampling	The upper 30 cm of sediment was collected with a decontaminated stainless steel shovel. Care was taken to minimise the loss of this fine-grained material during retrieval of sediment. • The samples were collected as far from the shoreline as possible; • Samples were collected in laboratory provided containers.
Surface Water Sampling	Surface water samples were collected prior to sediment samples to minimise sediment disturbance in the sample caused by disturbance of sediments and increased turbidity. Water quality parameters were recorded from each surface water body using a calibrated water quality meter. Parameters measured include pH, electrical conductivity (EC), dissolved oxygen (DO), temperature and oxidation reduction potential (ORP). Surface water samples were collected directly into sampling bottles due to the low levels of surface water present during sampling. Surface water was collected at the surface and metals were assessed as both total and dissolved to allow for assessment of potential sediment impact / interference.
Test Pit Reinstatement	Test pits were backfilled with excavated material, compacted down to the extent practicable, and where possible, the removed grass/vegetation reinstated on top.

Decontamination Procedure	Reusable sampling equipment such as hand tools (shovel, trowel, mattock), sediment sampler and extendable sampling pole were decontaminated by washing with PFAS free decon (Liquinox), followed by a rinse with potable water and de-ionised water (rinsate water).
Sample Preservation and Transport	Soil samples were placed in laboratory supplied containers. Other analytes were assessed from laboratory supplied containers with appropriate preservative. Sediment samples were collected from sediment sampler and placed into the designated laboratory supplied jars. Surface water samples were collected directly from the water body into the designated laboratory supplied bottles for the specified analytes. All samples were stored on ice in a sealed ice box (esky) while on site and in transit under strict chain of custody (COC) documentation.
Laboratory Analysis	Samples were submitted to a NATA Accredited Laboratory with appropriate Chain of Custody (COC) documentation.

7.2 Sampling Locations

The number of sampling locations was determined in consideration of the NSW EPA (2022) Sampling Design Guidelines based on a targeted and systematic sampling approach. Existing data and previous investigations were considered in the sampling approach for the DSI.

Stantec applied a sampling density at 50% of the recommended density outlined in the NSW EPA Sampling Design Part 1 – Application guidelines (NSW EPA, 2020), which was considered suitable to meet the purpose and objectives of the investigation based upon:

- Targeted sampling conducted at locations known or suspected of potential contamination, based on the findings of the Preliminary Site Investigation; and
- Systematic sampling more broadly across the reminder of the site to assess for contamination, including within the proposed construction footprint, to provide site coverage, and mitigate against possible unexpected finds during construction.

A summary of sampling locations is provided below in **Table 7-2**.

Table 7-2 Sampling Locations Breakdown

Site Area	Approx. Area (m^2)	Total # of sample locations	Adopted investigation method
Targeting whole site and contaminant sources	65,000	46	Test pits utilizing excavator (16) Boreholes utilizing drill rig (27) Soil bores (hand excavations) (3)
Within creek line (western boundary)	-	3	Surface water sampling from creek
		3	Sediment sampling from creek

8 Results

8.1 Soil

8.1.1 Field observations

Forty six (46) soil sampling points were advanced during the fieldwork activities. The typical subsurface profiles encountered are summarised in **Table 8-1** below and presented in graphical geological logs attached in **Appendix GF**.

Table 8-1 Typical Sub-Surface Conditions Summary

Sub-Surface Horizon	Depth Range (mBGL)	Description
Fill	0 – 3.5	Fill encountered on site was typically described by the following profile – Sandy CLAY, brown to dark brown coloration, fine to medium grained, with inclusions of trace organics and/or gravels. Observations relating to waste / anthropogenic inclusions are provided below.
Natural, Alluvium	0.3 – 2.5	Sandy CLAY (CL): low plasticity, brown with Sand, fine to coarse; with gravel, fine to medium.
Natural, Residual	0.1 – 4	Either characterized as a Sandy CLAY (CI): medium plasticity, pale brown; Sand, fine to coarse, or Silty CLAY: medium plasticity, brown with mottled grey.

The following observations were noted during fieldwork:

- The fill profile encountered across the site ranged from 0 - 3.5 mBGL. Fill thickness was observed to occur deepest within the western portion of the site at sample location TP123. This location is within the sports filed that has been filled.
  - Anthropogenic materials observed included demolition rubble (bricks), tyres and electric cables.
- With exception to the sports field, the remainder of the site contains variable fill layers with thicknesses between 0.1 and 0.9 mBGL.
  - Trace anthropogenic materials (plastic, concrete, bricks, metal wire and nails) were encountered within shallow surficial soils, generally ranging between 0.0 – 0.9 mBGL at sample locations TP101, TP103, HA102, TP112 and TP113.
- Sheen, odour, discolouration and staining were not observed on ground surfaces or in excavated materials.
- Asbestos was not observed on ground surfaces or within soil. Mass quantities of demolition rubble in fill were not observed, however, noted at some locations.
- Groundwater observations were limited to 2.0mBGL at BH10, 1.8 mBGL at BH11. A potential organic odour was noted in BH10 but indicators of contamination were

8.1.2 Analytical results

The soil laboratory results gathered during the DSI and previous investigations are presented in the data summary tables provided in **Appendix C**, and the laboratory reports in their entirety are provided in **Appendix E**.

8.1.2.1 Human health criteria

All soil samples analysed were recorded either below the laboratory Limit of Reporting (LOR) or the applicable human health screening criteria, except for sample TP116_0.1, which reported a Perfluorooctane sulfonic acid (PFOS) concentration of 0.0059 mg/kg, exceeding the applicable PFAS NEPM 3.0 HIL A criteria of 0.003 mg/kg.

Also, it is noted that the screening criteria for the following Perfluorocarbons, which were was less than the reported LOR:

- Perfluorohexane sulfonic acid (PFHxS) was reported as <0.005 mg/kg which is above the detection level in PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil of 0.003 mg/kg.
- Perfluorooctane sulfonic acid (PFOS) was reported as <0.005 mg/kg which is above the detection level in PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil and Interim ecological indirect exposure – all land uses of 0.003 mg/kg.
- Sum of PFHxS and PFOS was reported as <0.005 mg/kg which is above the detection level in PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil of 0.003 mg/kg.
- Perfluorooctanoate (PFOA) was reported as <0.005 mg/kg which is above the detection level in PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses of 0.003 mg/kg.

It is noted that the exceedances of applicable criteria for PFAS are a result of a guideline update of the NEMP from Version 2.0 to Version 3.0 following completion of the fieldwork and sample analysis.

8.1.2.2 Ecological criteria

All soil sample results were reported either below the laboratory LOR or the adopted ecological screening criteria, except for the following:

- TP116_0.1, which reported a Perfluorooctane sulfonic acid (PFOS) concentration of 0.0059 mg/kg, exceeding the applicable PFAS NEMP 3.0 (2025) Interim ecological indirect exposure for all land uses (0.003 mg/kg).

- BH15_0.3 (340 mg/kg) exceeded the adopted criteria for C^{16}-C^{34} (300 mg/kg) in NEPM 2013 ESL UR/POS for coarse Soil.

- The site-specific EIL values for copper, for respective soil layers, were exceeded for the following samples: BH01_0.1, BH04_0.5, BH05_1.5, BH15_0.3, HA102_0.9, TP103_0.3, TP115_0.5, TP118_1, TP121_0.3, TP122_0.3, TP123_0.5, TP124_0.3, SP1, QA201 (TP123_0.1), QA301 (SED-1) and QC301 (SED-1).
- Sample location SED-2 (400 mg/kg) exceeded the site-specific EIL value for zinc in Sandy Clay soil (290 mg/kg).

8.2 Surface Water

8.2.1 Field Observations

Three (3) surface water samples were collected from the creek line within the western boundary of the site. The location of the sampling points are presented in **Figure 2**, **Appendix A**.

The following key observations were noted during the surface water assessment:

- During sampling, aquatic vegetation such as reeds within the water body and shrubs and trees were observed surrounding the waterbody.
- The water body appeared to receive surface water runoff from the site but also have an off-site catchment upgradient to the north and northeast, which is fed by an ephemeral stream and engineered stormwater infrastructure.

The water quality parameters in **Table 8-2** were gathered on-site during surface water sampling and observations noted by the sampler are provided in **Table 8-3**.

Table 8-2 Surface Water Quality Parameters

SW-01	29/05/2025	7.7	307.8	8.8	12.6	34.0
SW-02	29/05/2025	7.5	114.1	9.1	16.2	4.3
SW-03	29/05/2025	7.5	536.0	4.9	15.9	55.5

Table 8-3 Surface Water Field Observations

SW-01	29/05/2024	Grasses, reeds and unknown vegetations within and surrounding the surface water body. Observations of the water body included low turbidity, no odour or discoloration.

SW-02	29/05/2024	Grasses, reeds and unknown vegetations within and surrounding the surface water body. Observations of the water body included sallow water and high turbidity due to sediments, no odour or discoloration.
SW-03	29/05/2024	Grasses, reeds, leaf litter and unknown vegetations surrounding the surface water body. Observations of the water body included low turbidity, no odour and 20-40 % covering a bio film.

8.2.2 Analytical results

The surface water laboratory results gathered during the DSI are presented in the data summary tables provided in **C,** and the laboratory reports in their entirety are provided in **Appendix E.**

All surface water samples analysed contained contaminant concentrations below the laboratory LOR, or the adopted criteria, except for the samples outlined below in **Table 8-4.**

Table 8-4 Surface Water Exceedances Summary

Cadmium (total)	ANZG (2018) Freshwater 95% toxicant DGV (0.2 µg/L)	SW-02	0.3 µg/L
Copper (total)	ANZG (2018) Freshwater 95% toxicant DGV (1.4 µg/L)	SW-01	7 µg/L
		SW-02	150 µg/L
		SW-03	19 µg/L
		QA400	6 µg/L
		QC400	6 µg/L
Copper (filtered)	ANZG (2018) Freshwater 95% toxicant DGV (1.4 µg/L)	SW-01	3 µg/L
		SW-02	4 µg/L
		SW-03	11 µg/L
		QA400	3 µg/L
Lead (total)	ANZG (2018) Freshwater 95% toxicant DGV (3.4 µg/L)	SW-02	31 µg/L
Nickel (total)	ANZG (2018) Freshwater 99% toxicant DGV (8 µg/L)	SW-02	9 µg/L
Zinc (total)	ANZG (2018) Freshwater 95% toxicant DGV (8 µg/L)	SW-01	18 µg/L
		SW-02	810 µg/L
		SW-03	20 µg/L
		QA400	16 µg/L
		QC400	14µg/L
	ANZG (2018) Freshwater 95% toxicant DGV (8 µg/L)	SW-01	9 µg/L

Zinc (filtered)		SW-03	11 µg/L
		QA400	10 µg/L
Zinc (filtered)	ANZG (2018) Freshwater 99% toxicant DGV (2.4 µg/L)	SW-02	8 µg/L
		QC400	6 µg/L
PFOS	PFAS NEMP 2.0 Table 5 Freshwater 99% (0.00023 µg/L)	SW-03	0.09 µg/L

8.3 Sediment

8.3.1 Field observations

Three (3) sediment sample was collected from the unnamed water body located at the western site boundary, at locations correlating with surface water samples (SW-01, SW-02 AND SW-03). The approximate location of the sampling point is presented in **Figure 2**, **Appendix A**.

Key observations noted during collection of sediment samples are listed in **Table 8-5** below.

Table 8-5 Sediment sampling key observations

SED-1	29/05/2024	Clayey silt, brown to dark brown, low plasticity with rootlets and trace sands and gravels. Reeds and grasses were present at sampling locations with a waterbody approximate 0.3 m deep present where samples were obtained
SED-2	29/05/2024	Clayey silt, brown to dark brown, low plasticity with rootlets and trace sands and gravels. The water body appeared to receive surface water runoff from the site. Reeds and grasses were present at sampling locations with a waterbody approximate 0.1m deep present where samples were obtained.
SED-3	29/05/2024	Sandy gravel, brown to dark brown with trace clay. Leaf litter was present at sampling locations with a waterbody approximate 0.2 m deep present where samples were obtained.

8.3.2 Analytical results

The sediment laboratory results gathered during the DSI are presented in the data summary tables provided in **Appendix C**, and the laboratory reports in their entirety are provided in **Appendix E**.

All sediment samples analysed contained contaminant concentrations below the laboratory LOR, or the adopted criteria, except for the samples outlined below in **Table 8-6.**

Table 8-6 Sediment Exceedances Summary

Analyte	Adopted Criteria	Sample Location	Laboratory Result
Copper	ANZG (2018) Sediment Quality Guidelines (DGV) (65 mg/kg)	SED-1	120 mg/kg
		SED-2	150 mg/kg
		SED-3	19 mg/kg
Nickel	ANZG (2018) Sediment Quality Guidelines (DGV) (21 mg/kg)	SED-3	28 mg/kg
Zinc	ANZG (2018) Sediment Quality Guidelines (DGV) (200 mg/kg)	SED-2	400 mg/kg
Zinc	NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged (70 mg/kg)	SED-1	110 mg/kg
		SED-3	97 mg/kg

All other contaminant concentrations were reported below the adopted laboratory LOR and/or below the adopted sediment screening criteria. However, it is noted that the screening criteria for the following pesticide and PCB analytes, which were was less than the reported LOR:

- Chlordane was reported as <0.1 mg/kg which is above the ANZG (2018) Sediment Quality Guidelines DGVs of 0.009 mg/kg.
- DDD was reported as <0.05 mg/kg which is above the ANZG (2018) Sediment Quality Guidelines DGVs of 0.007 mg/kg.
- Dieldrin was reported as <0.05 mg/kg which is above the ANZG (2018) Sediment Quality Guidelines DGVs of 0.0028 mg/kg
- Endrin was reported as <0.05 mg/kg which is above the ANZG (2018) Sediment Quality Guidelines GVs High of 0.0027 mg/kg.
- PCBs (Sum of total) was reported as <0.1 mg/kg which is above the ANZG (2018) Sediment Quality Guidelines GVs High of 0.034 mg/kg.

9 Quality Assurance / Quality Control

An assessment of the quality of data gathered during the DSI was undertaken in accordance with the Data Quality Indicators for both fieldwork and the laboratory performance, as specified in **Section 5.2**. Details of the QA/QC assessment are provided in **Appendix G**.

10 Discussion

10.1 Soil

10.1.1 Aesthetic Considerations

Schedule B1, Section 3.6 of the NEPM (NEPC, 2013) provides guidance for the assessment of soils based on aesthetic values as a result of impacts from low concern or non-hazardous inert foreign material in soil or fill as a result of human activity.

Areas targeted by this investigation were generally selected based on having an elevated risk of contamination, including locations potentially impacted by latent hazardous building materials and the presence of potential filling. Observations of anthropogenic materials in fill were predominantly traces of plastic, concrete, bricks, metal wire and ceramic generally within surficial soils and to a maximum depth of 0.95 mBGL.

The aesthetic suitability of soils would need to be considered upon completion of construction at final levels to ensure that non-hazardous inert foreign material, such as construction debris, is not present at or near ground surface.

10.1.2 Human Health

10.1.2.1 PFAS

Contaminant concentrations in soil were reported below the adopted human health criteria for current and future land use scenarios with exception to soil collected from surficial soil at test pit TP116_0.1, which reported a PFOS concentration of 0.0059 mg/kg, exceeding the applicable PFAS NEPM 3.0 HIL A criteria of 0.003 mg/kg.

The source of this exceedance is unconfirmed but may be from the synthetic turf in the neighbouring School for Specific Purposes or filling / stockpiling of materials at the location of TP116 that occurred during construction of the neighbouring school. The PFAS detection appears isolated and the concentration is less than 250% of the criteria, and thereby is not considered a ‘hotspot’, as defined in Section 3.2.1 of Schedule B1 of the ASC NEPM 2013. The PFAS detection is not considered to present a human health risk to current or future site users.

10.1.2.2 Asbestos

Whilst asbestos has not been identified during this investigation, construction and demolition waste were identified in fill layers within western (TP111 and TP113) and central portions of the site (HA102). The

presence of such materials may indicate the potential for asbestos within these fill layers that have not been identified. Additionally, limited observations of the subfloor of buildings identified the presence of waste and demolition debris on ground surfaces. Such locations commonly contain latent asbestos containing materials, so any future demolition of existing structures should incorporate a post-demolition asbestos clearance inspection and confirmatory soil sampling.

10.1.3 Ecological

All soil samples were assessed against ecological protection criteria applicable to the current and future land uses, considerate of the proposed scope at the time of preparing this DSI report.

Contaminant concentrations in soil were reported either below the laboratory LOR or the adopted ecological investigation criteria except for the following:

- TP116_0.1 exceeded the adopted criteria for PFOS in PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses.
- BH15_0.3 exceeded the adopted criteria for C16-C34 in NEPM 2013 ESL UR/POS for coarse Soil.
- Sample locations BH01_0.1, BH04_0.5, BH05_1.5, BH15_0.3, HA102_0.9, TP103_0.3, TP115_0.5, TP118_1, TP121_0.3, TP122_0.3, TP123_0.5, TP124_0.3, SP1, QA201 (TP123_0.1), QA301 (SED-1) and QC301 (SED-1) were exceeded the site-specific EIL values for copper for respective soil layers.
- Sample location SED-2 (400 mg/kg) exceeded the site-specific EIL value for zinc in Sandy Clay soil (290 mg/kg).

10.1.3.1 PFAS

TP116_0.1 reported a PFOS concentration of 0.0059 mg/kg which exceeds the applicable NEMP 3.0 (2025) criteria for interim ecological indirect exposure for all land uses.

As noted above in Section 10.1.2.1, the inferred source of PFOS may be synthetic turf in the neighbouring School for Specific Purposes or deposition of fill and construction materials by the contractor during construction of the neighbouring school. The PFOS detection is not considered to present a potential risk to ecological receptors under the current and future land use.

10.1.3.2 Total Recoverable Hydrocarbons, C16-C34

A TRH C16-C35 concentration of 340 mg/kg was reported at sampling location BH15_0.3, which marginally exceeds the applicable ecological screening level of 300 mg/kg. The borehole is located on a driveway in the northern portion of the site, and the detection may be associated with the overlying asphalt layer or represent interference from the drill rig. The exceedance is not considered to pose a potential risk to current or future ecological receptors.

10.1.3.3 Copper

Several copper concentrations in soil were found to exceed the site-specific EIL. A significant proportion of exceedances were observed in subsurface layers, with only limited detections in surface soils (TP123_0.1 and BH0_0.1).

Materials containing copper concentrations that exceed the site-specific EIL may not be suitable for use for placement within locations of the site where plantings are established under the proposed development, such as garden beds and trees. If the material remains at a location free of significant vegetation and ecological receptors, it is considered suitable for the proposed land use.

10.2 Surface Water

10.2.1 Human Health

The surface water catchment encompasses the site but also the upgradient urbanised landscape of the Milton township. As such, waters within the creek are likely influenced by activities that occur off site, including stormwater run-off from commercial industrial premises and public roads.

Surface water contained contaminant concentrations below the applicable human health screening criteria, including the aesthetic criteria. As such, surface water that was assessed during this investigation is not considered to present a health risk to human receptors under the proposed land use.

10.2.2 Ecological

The surface water samples collected from the western creek line contained total cadmium, total and dissolved copper, total lead total and dissolved zinc concentrations that exceeded the adopted criteria for freshwater 95% toxicant DGV, and total nickel exceeded the freshwater 99% toxicant DGV. The PFOS concentration was also reported above the NEMP 3.0 Table 5 Freshwater 99% value.

Elevated concentrations of metals and PFOS were not identified in soil during the investigation, and it is therefore considered that the contaminants detected in surface water may be influenced by and attributed to the upgradient urbanised catchment. The greatest metals concentrations were detected in total (unfiltered) samples, indicating that the contaminants are mostly present in suspected solids and particulate. Based on current information they and are not considered to present a significant ecological risk in the context of the proposed activity, and the nature of the local surface water catchment, which receive surface water from offsite. The sample points at the upgradient locations generally had the highest contaminant concentrations, which are nearest to the point at which water enters the site from off-site, further supporting a hypothesis that contaminants in water may be originating from off-site.

Future land use will not involve interaction with surface water in the creek. Under this activity scenario, these ecological exceedances there is a low risk to complete source-pathway-receptor linkage.

The management options and fate of waters within the creek would require consideration by the civil construction contractor prior to commencement of construction.

10.3 Sediment

Sediment samples collected from the western creek line contained copper, nickel, and zinc concentrations that exceeded the adopted ANZG (2018) Sediment Quality Guidelines (DGV), with zinc also exceeding the NEPM (2013) ecological screening level (ESL) for urban residential/public open space land use.

However, the concentrations were below the ANZG (2018) guideline value-high (GV-high) thresholds and may be attributable to ambient background concentrations associated with the local geology and upstream / upgradient sources of contamination. Notably, no zinc exceedances were observed in on-site soils, indicating that the zine in sediment are unlikely to have originated from the site.

The overall ecological risk from these sediment exceedances in the context of the proposed site redevelopment is considered low and acceptable. As with water within the creek line, the management options and fate of sediment within the creek would require consideration by the civil construction contractor prior to commencement of construction.

11 Revised Conceptual Site Model

With the additional information collected as part of this Detailed Site Investigation, the preliminary CSM summarised in **Section 4.1** has been revised and updated and summarised in **Table 11-1** below.

Table 11-1 Revised Conceptual Site Model

Building materials contained within off-site and on-site infrastructure	Shallow soils	PFAS Asbestos Zinc, lead	Direct Contact Incidental Inhalation Incidental Ingestion	**Human:** Current and future site users Future site workers (including construction and maintenance workers) Neighbouring site users **Ecological:** Existing and future plant-based biota within the site	**Low to medium:** PFOS was detected in one soil sample at the site that exceeded the applicable land use criteria, however, is considered isolated and may be associated with activities during construction of the neighbouring school to the north. The detection is not currently considered a risk to future site users Asbestos was not identified in soil during the investigation, however, anthropogenic inclusions were noted in some fill soils. There is potential for asbestos to exist that was not identified during the investigation. Further, soils beneath any buildings proposed for demolition may be impacted by latent hazardous building materials, which must be assessed post-demolition.

Fill material of unknown origin	Air Surficial Soils	Copper TRH PFAS	Direct Contact Incidental Inhalation Incidental Ingestion	**Ecological:** Existing and future plant-based biota within the site	**Low:** Under the current and future proposed site use, the risk presented by fill to human receptors is considered low and acceptable. A significant quantity of fill was identified within the existing sports field, however, the material did not possess elevated contaminant concentrations. Some soils contained metals concentrations that exceeded the ecological criteria and may not be suitable for use as a growing medium or within landscaped areas, but are otherwise suitable to be retained on site.
Water and sediment in western creek, receiving input from upgradient residential land use.	Surface water Sediments Ground Water	Metals (total and dissolved) PFOS	Direct contact	**Ecological:** Existing and future plant-based biota within the site	**Low**: Contaminants detected in sediment and water samples collected from the creek line along the western boundary are considered to be attributable to the upgradient urbanized catchment rather than from on-site sources. The management options and fate of sediment and water within the creek would require consideration by the civil construction contractor

			prior to commencement of construction to ensure such materials are not relocated within the site under a scenario that would create a complete source-pathway-receptor linkage.

12 Data Gaps and Uncertainties

Based on the findings of this investigation, the following data gaps are noted:

- Soil quality beneath buildings and hardstand areas were generally inaccessible for a visual or intrusive assessment. If buildings are to be demolished during the proposed redevelopment, soils beneath the building footprint require assessment to confirm that latent hazardous building materials and/or impacted fill are not present.
- Cut and fill plans were not provided during the preparation of this DSI and as such the investigation could not be tailored to the proposed earthworks extents.
- Groundwater quality and flow direction has not been assessed but was not justified based on the information gathered.
- A hazardous materials survey was not completed for potentially hazardous building materials. This must be conducted prior to demolition of buildings and structures.
- Hand tools were utitlised at certain locations due to constraints presented by current buildings, structures and subsurface utilities. The use of hand tools and boreholes as a sampling methodology limits observations of bulk soil cuttings and therefore constrains visual assessment of asbestos.
- Concentrations of PFAS constituents PFHxS, PFOS, Sum of PFHxS and PFOS and PFOA were reported below the laboratory LOR, however, the LOR (<0.005 mg/kg) was above the applicable human health and ecological land use screening criteria (0.003 mg/kg).
  - The higher than criteria LOR in samples analysed in certain PFAS compounds was due to a new revision of the NEMP guidance (Version 2.0 to Version 3.0) following fieldwork and laboratory analysis after the fieldwork and lab analysis had been completed.
  - Based on site observations and laboratory analysis of PFAS throughout the site, the above is not considered to change the outcomes of the investigation.

13 Conclusions

Stantec has completed a DSI to support the proposed activity of additional school facilities and infrastructure at the former Shoalhaven Anglican Collage, 17 Croobyar Road, Milton NSW and legally identified as Lot 200 in Deposited Plan (DP) 1192140. The DSI was supplementary to previous investigations and should be read in conjunction with existing reports.

The proposed upgrades and modifications at the site will comprise of the following:

- Building I (Hall) upgrade as multi-purpose facility.
- Building H – Kitchen upgrade | VET (catering kitchen).
- Building V – Upgrade/ re-purpose as Site Reception, Admin and staff areas
- Building A (including student amenities) refurbishments.
- Landscape maintenance and canopy reduction.
- upgrade to playing field/ oval (Athletics track and full-sized rectangular sports field)
- 2 x new sports courts (unenclosed).
- Demolition of buildings P, Q, R, S, T, U & W and replace with new car park and bus set-down area; new school perimeter and internal fencing (mixture of palisade and chainmesh).
- Improvements to gravel access road.
- Landscaping following building renewal.

The objectives of the investigation were to:

- Determine the type, extent and level of contamination for the site to provide more complete and definitive information on issues raised in the preliminary site investigation.
- Make recommendations for management, remediation and/or further investigation.
- Assess the site in consideration of Part 5 of the Environmental Planning and Assessment Act 1979, Section 5.5 Duty to consider environmental impact.

Based on observations, laboratory data and information gathered during the current and previous investigations, the following is noted:

- The DSI included the advancement and sampling from forty-six (46) sampling locations utilising drilling, test-pitting and hand excavation methodologies, as well as sampling surface water and sediments from the onsite creek line along the western boundary.
- <u>Soil</u>

  - All contaminant concentrations in soil were below the applicable human health criteria for the current and future land use with exception of one exceedance at test pit TP116_0.1, where PFOS was detected at a concentration of 0.0059 mg/kg, above the PFAS NEPM 3.0 HIL A guideline of 0.003 mg/kg.
    - The source of this exceedance is unconfirmed but may be from the synthetic turf in the neighbouring School for Specific Purposes or filling / stockpiling of materials at the location of TP116 that occurred during construction of the neighbouring school. The PFAS detection appears isolated and the concentration is less than 250% of the criteria, and thereby is not considered a ‘hotspot’, as defined in Section 3.2.1 of Schedule B1 of the ASC NEPM 2013.

Based on current information, the PFAS detection is not considered to present a human health risk to current or future site users based on the proposed land use (educational and sports facility for use by the existing primary and secondary schools within the local School Community Group)

  - Some PFAS constituents including PFHxS, PFOS, Sum of PFHxS, PFOS and PFOA were below the laboratory limit of reporting but above the applicable human health and ecological land use criteria. This occurred to a change in guidelines during delivery of the services, which is discussed further in **Section 8.1.2**. This is not considered to change the outcome of the investigation with no on-site sources of PFAS identified or detected.

- All soil samples were assessed against ecological criteria applicable to the current and future land uses with exception of localised exceedances of PFOS in sample TP116_0.1, TRH C16–C34 in sample BH15_0.3, and metals in various samples across the site.
  The source of PFOS and TRH is unconfirmed and the metals in soil may be associated with the local geology. The ecological exceedances are not considered to present an unacceptable risk to ecological receptors provided that the materials are not used as a growing medium or as fill within portions of the site that may be used to support significant vegetation such as plantings and garden beds.
- Asbestos was not identified in fill soil or on ground surfaces during the investigation. Whilst current information indicates a low risk, anthropogenic materials were observed in some fill units so there is potential for undiscovered asbestos to exist. Further, the subfloor of current buildings appear to contain waste and debris, and if demolition were do occur, soils within the subfloor would require an assessment for contamination (see recommendations below).

- <u>Sediment and Surface Water</u>

- Elevated concentrations of metals and PFOS were identified in some sediment and surface water samples that were collected from the creek line along the western site boundary. Such contaminants were not identified in on-site soils at concentrations that would present a possible pathway or mechanism for impacting surface water and/or sediment within the creek line.
  - It is considered that the contaminants detected in surface water and sediment may be influenced by, and attributed to, the upgradient urbanised catchment.
  - The greatest metals concentrations were detected in unfiltered (total) samples, indicating that the contaminants are mostly present in suspected solids and particulate. Based on current information the detections and are not considered to present an unacceptable risk in the context of the proposed redevelopment.
  - The surface water and sediment sample points at the upgradient locations generally contained the highest contaminant concentrations, which are situated nearest to the point where water enters the site from off-site. This further supports a hypothesis that contaminants in water and sediment within the creek line may be originating from off-site.
  - The future land use scenario does not appear to include interactions with surface water or sediment in the creek. Under this scenario, there is a low risk of a complete source-pathway-receptor linkage.
  - The management options and fate of waters within the creek would require consideration by the civil construction contractor prior to commencement of construction.

Based on the investigation findings, Stantec considers that the site is suitable for the proposed redevelopment activity subject to the below recommendations being implemented.

14 Recommendations

Based on the findings of this assessment and with reference to the proposed redevelopment activities and the purpose and objectives, the following recommendations are made:

- A Hazardous Building Materials Assessment must be conducted prior to demolition of existing buildings and structures. Where buildings and structures are to be demolished during the proposed redevelopment, an asbestos clearance inspection is required post-demolition along with an assessment of soil to confirm the absence of contamination.
- Materials possessing contaminant concentrations that exceed the ecological criteria should not be used as a growing medium or within the root zone where ecological features will exist, such as plantings or garden beds.
- Any material being removed from site must be classified for off-site disposal in accordance the EPA (2014) Waste Classification Guidelines and/or an applicable NSW EPA Resource Recovery Order. The information presented within this report must be considered during future classification.
- A Construction and Environmental Management Plan (CEMP) must be prepared to minimise potential risks to human health and the environment during the future construction work. An appropriate Unexpected Finds Protocol (UFP) should also be incorporated into the CEMP and implemented during ground disturbance in the unlikely event of encountering impacted materials.

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Stantec (2023) *Preliminary Desktop Site Invetstigation Report for Shoalhaven Anglican, 17 Croobyar Road, Milton NSW*. Ref 304100928 dated 16 October 2023

16 Limitations

The agreed scope of this assessment has been limited for the current purposes of the Client, and based on access limitations identified herein. The assessment may not identify contamination occurring in all areas of the site or occurring after sampling was conducted. Subsurface conditions may vary considerably away from the sample locations where information has been obtained.

This Document has been provided by Stantec subject to the following limitations:

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- Conditions may exist which were undetectable given the limited nature of the enquiry Stantec was retained to undertake with respect to the site. Variations in conditions may occur between investigatory locations, and there may be special conditions pertaining to the site which have not been revealed by the investigation and which have not therefore been considered in the Document. Accordingly, additional studies and actions may be required.
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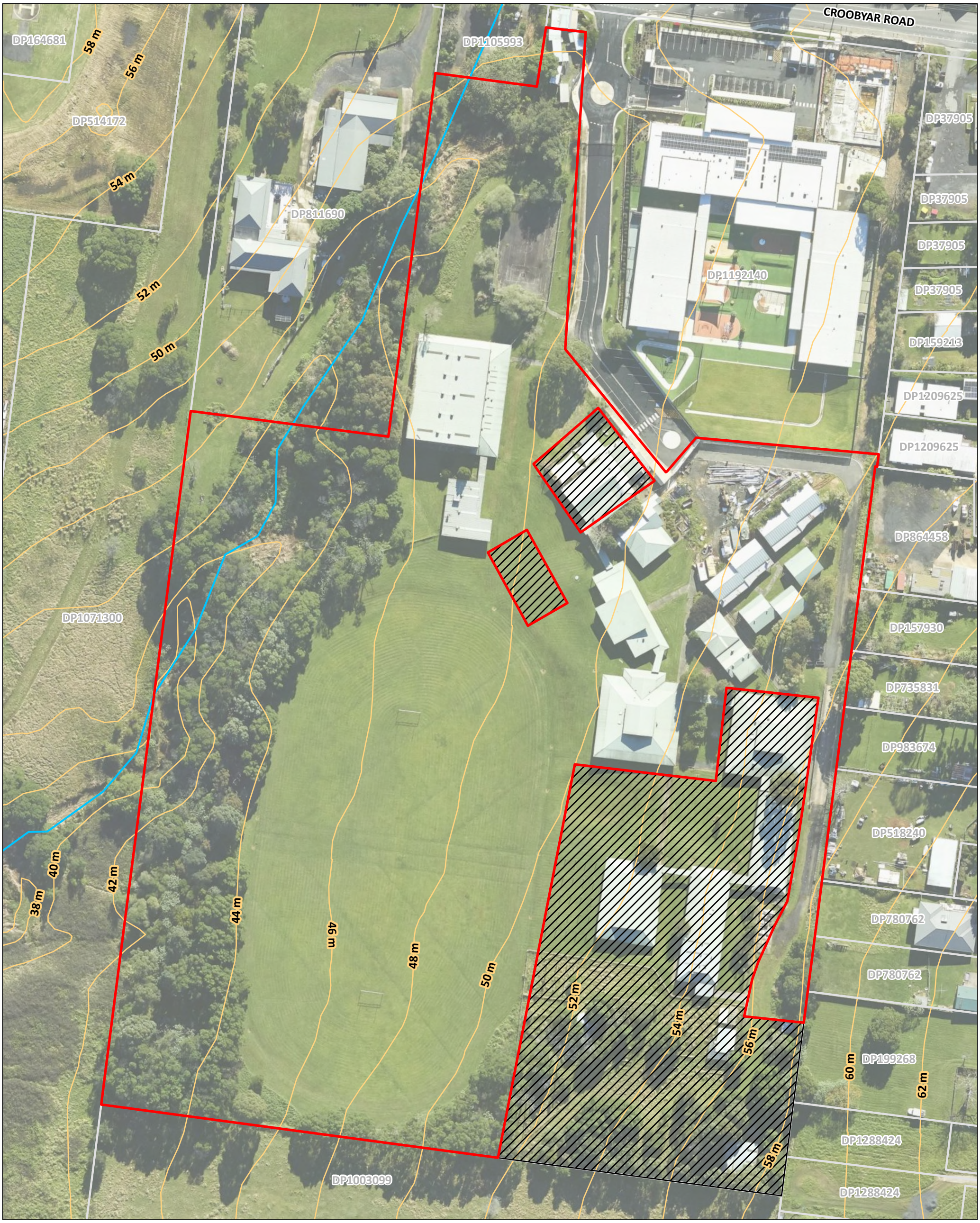
This assessment report is not any of the following:

- A geotechnical report and the bore logs/test pit logs may not be sufficient for geotechnical advice.
- A site audit report or site audit statement as defined under the Contaminated Land Management Act 1997.
- A detailed hydrogeological assessment in conformance with NSW DEC (2007) Contaminated Sites: Guidelines for the Assessment and Management of Groundwater Contamination.

- An assessment of groundwater contaminants potentially arising from other sites or sources nearby.
- A ground gas risk assessment.

Appendices

Appendix A Figures



Site Plan

Milton Public School
Milton, NSW

Figure 01

Project Code: 305001663_GS-004
Drawn By: CC, Checked By: SM
Date: 2025-06-25
Revision: 01

Legend

- Site boundary
- Area not part of the investigation
- Watercourse
- 2m contour
- Cadastre

Notes:
1. Map displayed in GDA2020 MGA Zone 56

References:
1. Aerial imagery supplied by Metromap (June, 2024).
2. Watercourse, Contour and Cadastre (NSW SS, 2024)

0 10 20 30 40 50 Metres
Scale at A3: 1:1,200

N

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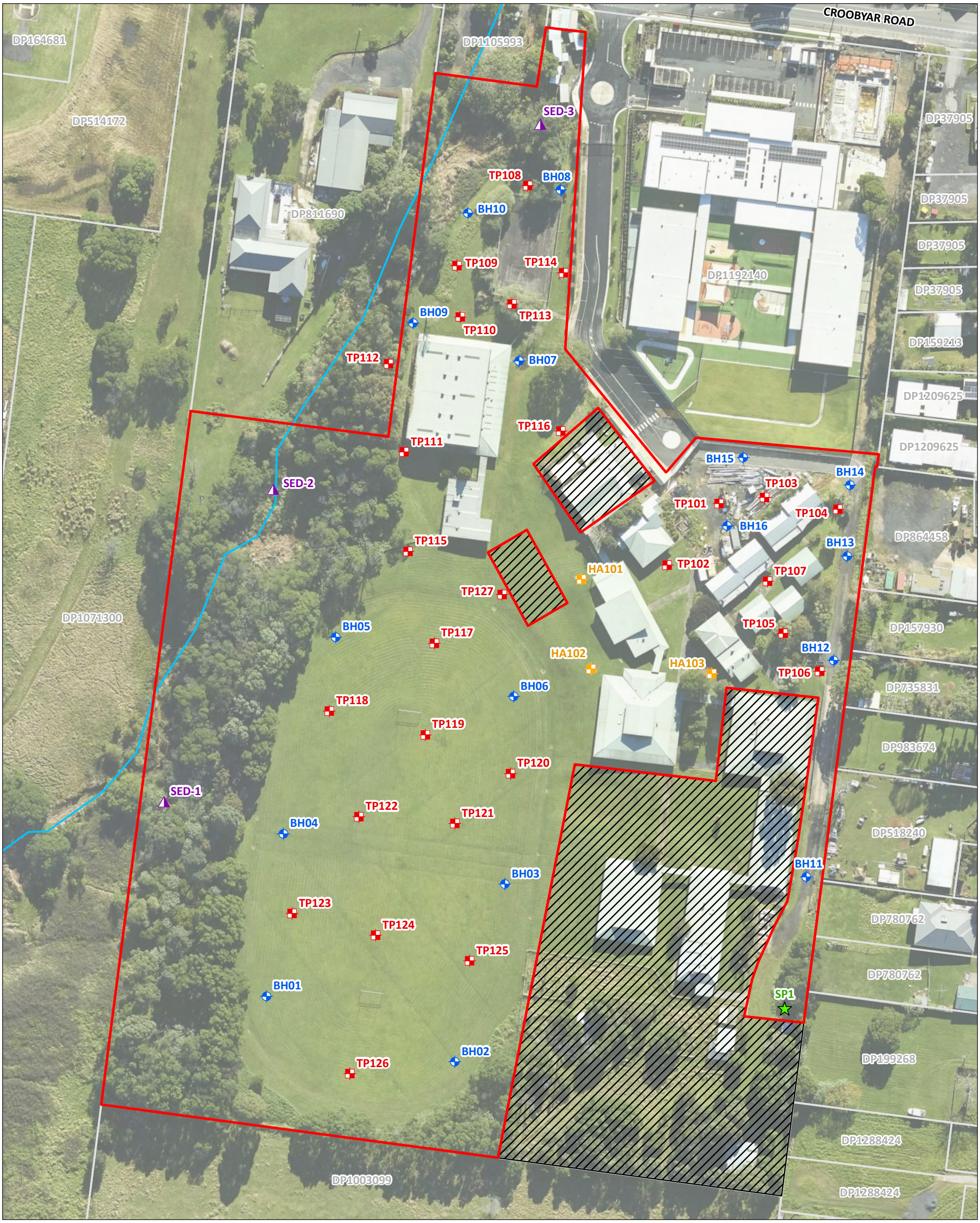

Sample Location Plan

Milton Public School
Milton, NSW

Figure 02

Project Code: 305001663_GS-004
Drawn By: CC, Checked By: SM
Date: 2025-06-25
Revision: 01

Legend

- Site boundary
- Area not part of the investigation
- Stockpile of C & D waste
- Watercourse
- Cadastre

Sample Location

- Borehole
- Hand auger borehole
- Surface water and sediment
- Test pit

Notes:
1. Map displayed in GDA2020 MGA Zone 56

References:
1. Aerial imagery supplied by Metromap (June, 2024).
2. Watercourse and Cadastre (NSW SS, 2024)

0 10 20 30 40 50 Metres
Scale at A3: 1:1,200

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Appendix B – Photolog

Detailed Site Investigation - Shoalhaven Anglican School

Photographic Log

July 2025

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Photo Location: Shoalhaven Anglican School

Supporting Photos:

Photo 1: View of the school entrance area, facing south	**Photo 2**: Eastern boundary and existing buildings of the site..
Photo 3:Sports field, facing southwest.	**Photo 4**: Site covering grassed landscaped areas and paved areas, eastern portion of the site

Supporting Photos:

Photo 5: View of existing buildings from the sports filed, facing east .

Photo 6: Asphalted fill material at car park near the main entrance.

Photo 7: Excavated fill and natural material at TP104, eastern portion of the site.

Photo 8: Soil profile, indicating different fill layers and natural material at TP108

Supporting Photos:

Photo 9: Fil material including construction debris at TP111.	**Photo 10**: Excavated material from TP113 in the northern portion of the sports field, comprising topsoil and gravelly fill containing pebbles and boulders.
Photo 11: Anthropogenic materials were observed in fill layer of the sports fields, TP118	**Photo 12**: Fill material encountered up to 0.9 m bgl in HA102, located in the mound area at the central portion of the site

Photo 13: Top soil and natural material at TP125.

Photo 14: Soil profile in TP116 near which was located near the childcare centre.

Photo 15: ACM field screening at TP101.

Photo 16: Soil sampling was conducted directly from the excavator bucket, TP101

Supporting Photos:

Photo 17: Potentially contaminated stockpile at eastern portion of the site.	**Photo 18**: Samples SW01 and SED-1 location in the creek line.
Photo 19: Overgrown vegetation at sampling location SW02 and SED-2 in the creek line.	**Photo 20**: Sampling location of SW03 and SED-3.

Design with
community in mind

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Appendix C –Results

				BTEX								NA	TPH					CRC Care TPH Fractions						
				Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Naphthalene (VOC)	Total BTEX	Asbestos ID in materials	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C6-C10	C10-C16	C16-C34	C34-C40	C10 - C40 (Sum of total)	F1: C6-C10 less BTEX	F2: >C10-C16 less Naphthalene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	% w/w	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				0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.2		10	20	50	50	50	10	50	100	100	50	10	50
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																								
NEPM 2013 HIL, Residential A																								
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand				0.5	160	55			40														45	110
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																								
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																								
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																								
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																								
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential				100	14,000	4,500			12,000									4,400	3,300	4,500	6,300			
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																								
NEPM 2013 ESL UR/POS, Coarse Soil				50	85	70			105					120					120	300	2,800		180	
Location Code	**Field ID**	**Date**	**Lab Report Number**																					
BH01	**BH01_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH01	**BH01_1.0**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH01	**QA100**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH02	**BH02_0.5**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH03	**BH03_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH04	**BH04_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH04	**BH04_0.5**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH04	**BH04_1.5**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH05	**BH05_0.5**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH06	**BH06_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH07	**BH07_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH08	**BH08_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH09	**BH09_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH10	**BH10_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
BH11	**BH11_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	55	110	165	<20	<50	150	280	430	<20	<50
BH12	**BH12_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	51	130	181	<20	<50	130	210	340	<20	<50
BH13	**BH13_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	83	83	<20	<50	<100	140	140	<20	<50
BH14	**BH14_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	61	200	261	<20	<50	170	350	520	<20	<50
BH15	**BH15_0.3**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	29	95	240	364	<20	<50	340	550	890	<20	<50
BH16	**BH16_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
HA101	**HA101_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	55	55	<20	<50	<100	<100	<100	<20	<50
HA101	**QA300**	**29 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	66	66	<20	<50	<100	<100	<100	<20	<50
HA101	**QC300**	**29 May 2025**	**ES2516956**	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.2		<10	<50	<100	<100	<50	<10	<50	<100	<100	<50	<10	<50
HA101	**QC300**	**29 May 2025**	**ES2517149**	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.2		<10	<50	<100	<100	<50	<10	<50	<100	<100	<50	<10	<50
HA102	**HA102_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
HA102	**HA102_0.9**	**29 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
HA102	**QA100**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
HA102-ACM-0-0.2	**HA102-ACM-0-0.2**	**29 May 2025**	**1228331**									0.0000												
HA103	**HA103_0.1**	**29 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
SP1	**SP1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP101	**TP101_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	56	180	236	<20	<50	160	290	450	<20	<50
TP102	**TP102_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP103	**TP103_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP103	**TP103_0.3**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP104	**QC100**	**27 May 2025**	**ES2517149**	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.2		<10	<50	<100	<100	<50	<10	<50	<100	<100	<50	<10	<50
TP104	**QC100**	**29 May 2025**	**ES2516956**	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.2		<10	<50	<100	<100	<50	<10	<50	<100	<100	<50	<10	<50
TP104	**TP104_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP105	**TP105_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP106	**TP106_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP107	**TP107_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	77	77	<50	154	<20	63	<100	<100	<100	<20	63
TP108	**TP108_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP108	**TP108_0.3**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP108	**TP108_0.5**	**27 May 2025**	**1228331**																					
TP108	**TP108_1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP109	**TP109_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP110	**TP110_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP111	**QA102**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	52	52	<20	<50	<100	<100	<100	<20	<50
TP111	**QC102**	**27 May 2025**	**ES2517149**	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.2		<10	<50	<100	<100	<50	<10	<50	<100	<100	<50	<10	<50
TP111	**TP111_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	54	55	109	<20	<50	<100	<100	<100	<20	<50
TP111	**TP111_0.3**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP112	**TP112_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	80	83	163	<20	<50	130	<100	130	<20	<50
TP112	**TP112_0.3**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP112	**TP112_0.5**	**27 May 2025**	**1228331**																					
TP113	**QC301**	**29 May 2025**	**ES2516956**	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.2		<10	<50	<100	<100	<50	<10	<50	<100	<100	<50	<10	<50
TP113	**TP113_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP113	**TP113_0.3**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP114	**TP114_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP115	**TP115_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP115	**TP115_0.3**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP115	**TP115_0.5**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50

				BTEX								NA	TPH					CRC Care TPH Fractions						
				Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Naphthalene (VOC)	Total BTEX	Asbestos ID in materials	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C6-C10	C10-C16	C16-C34	C34-C40	C10 - C40 (Sum of total)	F1: C6-C10 less BTEX	F2: >C10-C16 less Naphthalene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	% w/w	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				0.1	0.1	0.1	0.2	0.1	0.3	0.5	0.2		10	20	50	50	50	10	50	100	100	50	10	50
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																								
NEPM 2013 HIL, Residential A																								
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand				0.5	160	55			40														45	110
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																								
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																								
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																								
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																								
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential				100	14,000	4,500			12,000									4,400	3,300	4,500	6,300			
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																								
NEPM 2013 ESL UR/POS, Coarse Soil				50	85	70			105					120					120	300	2,800		180	
Location Code	**Field ID**	**Date**	**Lab Report Number**																					
TP116	**TP116_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	52	52	<20	<50	<100	<100	<100	<20	<50
TP116	**TP116_0.5**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP117	**QA200**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	20	65	59	144	<20	<50	120	<100	120	<20	<50
TP117	**QC200**	**28 May 2025**	**ES2517149**	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.2		<10	<50	<100	<100	<50	<10	<50	<100	<100	<50	<10	<50
TP117	**QC200**	**29 May 2025**	**ES2516956**	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.2		<10	<50	<100	<100	<50	<10	<50	<100	<100	<50	<10	<50
TP117	**TP117_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP117	**TP117_0.5**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP118	**TP118_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP118	**TP118_0.3**	**28 May 2025**	**1228331**																					
TP118	**TP118_0.5**	**28 May 2025**	**1228331**																					
TP118	**TP118_1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP118	**TP118_1.5**	**28 May 2025**	**1228331**																					
TP118	**TP118_2**	**28 May 2025**	**1228331**																					
TP119	**TP119_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP120	**TP120_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP121	**TP121_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP121	**TP121_0.3**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP122	**TP122_0.1**	**28 May 2025**	**1228331**									0.0000												
TP122	**TP122_0.3**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP122	**TP122_2.7**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP123	**QA201**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5			<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP123	**QC201**	**28 May 2025**	**ES2517149**	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.2		<10	<50	<100	<100	<50	<10	<50	<100	<100	<50	<10	<50
TP123	**TP123_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	31	130	110	271	<20	<50	190	<100	190	<20	<50
TP123	**TP123_0.5**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP123	**TP123_1**	**28 May 2025**	**1228331**																					
TP123	**TP123_1.5**	**28 May 2025**	**1228331**																					
TP123	**TP123_2.5**	**28 May 2025**	**1228331**																					
TP123	**TP123_3.5**	**28 May 2025**	**1228331**																					
TP124	**TP124_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP124	**TP124_0.3**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP125	**TP125_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP125	**TP125_0.3**	**28 May 2025**	**1228331**									0.0000												
TP126	**TP126_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50
TP127	**TP127_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	<0.5		0.0000	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50

				PAH																			
				Benzo(a)pyrene TEQ (half LOR)_	Benzo(a)pyrene TEQ (upper bound) *	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	BaP TEQ (zero)	Benzo(a)pyrene	Benzo(b+j)fluoranthene	Benzo(k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																							
NEPM 2013 HIL, Residential A				3	3					3											300		
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																				3			
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																							
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																							
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																							
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																							
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																				1,400			
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																				170			
NEPM 2013 ESL UR/POS, Coarse Soil											0.7												
Location Code	**Field ID**	**Date**	**Lab Report Number**																				
BH01	**BH01_0.1**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH01	**BH01_1.0**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH01	**QA100**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH02	**BH02_0.5**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH03	**BH03_0.1**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH04	**BH04_0.1**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH04	**BH04_0.5**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH04	**BH04_1.5**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH05	**BH05_0.5**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH06	**BH06_0.1**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH07	**BH07_0.1**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH08	**BH08_0.1**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH09	**BH09_0.1**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH10	**BH10_0.1**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH11	**BH11_0.1**	**12 May 2025**	**1221381**	0.7	1.2	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	0.8	2.2	<0.5	<0.5
BH12	**BH12_0.1**	**12 May 2025**	**1221381**	1.2	1.2	<0.5	<0.5	<0.5	0.8	1.1	0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.8	2.6	<0.5	<0.5
BH13	**BH13_0.1**	**12 May 2025**	**1221381**	0.7	1.3	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	1.8	<0.5	<0.5
BH14	**BH14_0.1**	**12 May 2025**	**1221381**	0.7	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	0.9	2.3	<0.5	<0.5
BH15	**BH15_0.3**	**12 May 2025**	**1221381**	1.2	1.5	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	0.6	0.7	1.0	1.0	0.7	<0.5	<0.5	<0.5	1.1	5.1	<0.5	<0.5
BH16	**BH16_0.1**	**12 May 2025**	**1221381**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HA101	**HA101_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HA101	**QA300**	**29 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HA101	**QC300**	**29 May 2025**	**ES2516956**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HA101	**QC300**	**29 May 2025**	**ES2517149**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HA102	**HA102_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HA102	**HA102_0.9**	**29 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HA102	**QA100**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
HA102-ACM-0-0.2	**HA102-ACM-0-0.2**	**29 May 2025**	**1228331**																				
HA103	**HA103_0.1**	**29 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP1	**SP1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP101	**TP101_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP102	**TP102_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP103	**TP103_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP103	**TP103_0.3**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP104	**QC100**	**27 May 2025**	**ES2517149**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP104	**QC100**	**29 May 2025**	**ES2516956**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP104	**TP104_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP105	**TP105_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP106	**TP106_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP107	**TP107_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP108	**TP108_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP108	**TP108_0.3**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP108	**TP108_0.5**	**27 May 2025**	**1228331**																				
TP108	**TP108_1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP109	**TP109_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP110	**TP110_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP111	**QA102**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP111	**QC102**	**27 May 2025**	**ES2517149**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP111	**TP111_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP111	**TP111_0.3**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP112	**TP112_0.1**	**27 May 2025**	**1228331**	1.0	1.3	<0.5	<0.5	<0.5	0.6	0.7	0.6	<0.5	0.7	<0.5	0.8	<0.5	1.4	<0.5	<0.5	<0.5	6.2	0.6	1.5
TP112	**TP112_0.3**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP112	**TP112_0.5**	**27 May 2025**	**1228331**																				
TP113	**QC301**	**29 May 2025**	**ES2516956**	0.6	1.2	<0.8	<0.8	<0.8	<0.8	<0.5	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.5	<0.8	<0.8
TP113	**TP113_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP113	**TP113_0.3**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP114	**TP114_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP115	**TP115_0.1**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP115	**TP115_0.3**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP115	**TP115_0.5**	**27 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

				PAH																			
				Benzo(a)pyrene TEQ (half LOR)_	Benzo(a)pyrene TEQ (upper bound) *	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	BaP TEQ (zero)	Benzo(a)pyrene	Benzo(b+j)fluoranthene	Benzo(k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																							
NEPM 2013 HIL, Residential A				3	3					3											300		
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																				3			
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																							
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																							
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																							
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																							
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																				1,400			
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																				170			
NEPM 2013 ESL UR/POS, Coarse Soil											0.7												
Location Code	**Field ID**	**Date**	**Lab Report Number**																				
TP116	**TP116_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP116	**TP116_0.5**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP117	**QA200**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP117	**QC200**	**28 May 2025**	**ES2517149**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP117	**QC200**	**29 May 2025**	**ES2516956**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP117	**TP117_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP117	**TP117_0.5**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP118	**TP118_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP118	**TP118_0.3**	**28 May 2025**	**1228331**																				
TP118	**TP118_0.5**	**28 May 2025**	**1228331**																				
TP118	**TP118_1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP118	**TP118_1.5**	**28 May 2025**	**1228331**																				
TP118	**TP118_2**	**28 May 2025**	**1228331**																				
TP119	**TP119_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP120	**TP120_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP121	**TP121_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP121	**TP121_0.3**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP122	**TP122_0.1**	**28 May 2025**	**1228331**																				
TP122	**TP122_0.3**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP122	**TP122_2.7**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP123	**QA201**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP123	**QC201**	**28 May 2025**	**ES2517149**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP123	**TP123_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP123	**TP123_0.5**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP123	**TP123_1**	**28 May 2025**	**1228331**																				
TP123	**TP123_1.5**	**28 May 2025**	**1228331**																				
TP123	**TP123_2.5**	**28 May 2025**	**1228331**																				
TP123	**TP123_3.5**	**28 May 2025**	**1228331**																				
TP124	**TP124_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP124	**TP124_0.3**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP125	**TP125_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP125	**TP125_0.3**	**28 May 2025**	**1228331**																				
TP126	**TP126_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP127	**TP127_0.1**	**28 May 2025**	**1228331**	0.6	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

				Asbestos		Metals								Inorganics		Phenols								
				Friable Asbestos (FA & AF)	Asbestos Reported Result	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc	Moisture Content	Moisture Content (dried @ 103°C)	3/4-Methylphenol (m/p-cresol)	Total Non-Halogenated Phenol*	2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexyl phenol	4-chloro-3-methylphenol
				%w/w	Comment	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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						2	0.4	2	5	5	0.1	2	5	1	1	0.4	20	0.5	5	0.2	0.5	5	20	0.5
NEPM 2013 Sch B1 Table 7 Asbestos HSLs				0.001	<0.01% w/w ACM in soil. No visible asbestos at surface																			
NEPM 2013 HIL, Residential A						100	20		6,000	300	40	400	7,400											
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																								
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																								
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																								
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																								
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																								
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																								
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged						100		190	60	1,100		30	70											
NEPM 2013 ESL UR/POS, Coarse Soil																								
Location Code	**Field ID**	**Date**	**Lab Report Number**																					
BH01	**BH01_0.1**	**12 May 2025**	**1221381**			7.2	<0.4	37	52	21	0.2	9.0	85		27	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH01	**BH01_1.0**	**12 May 2025**	**1221381**			2.5	<0.4	5.0	160	13	<0.1	<5	56		21									
BH01	**QA100**	**12 May 2025**	**1221381**			4.1	<0.4	11	74	18	<0.1	6.3	62		27									
BH02	**BH02_0.5**	**12 May 2025**	**1221381**			<2	<0.4	<5	95	15	<0.1	<5	30		23	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH03	**BH03_0.1**	**12 May 2025**	**1221381**			5.0	<0.4	12	71	24	<0.1	6.8	87		31	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH04	**BH04_0.1**	**12 May 2025**	**1221381**			3.3	<0.4	7.3	99	19	<0.1	<5	63		27	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH04	**BH04_0.5**	**12 May 2025**	**1221381**			3.5	<0.4	<5	180	11	<0.1	<5	66		19	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH04	**BH04_1.5**	**12 May 2025**	**1221381**			2.2	<0.4	<5	170	14	<0.1	<5	49		25									
BH05	**BH05_0.5**	**12 May 2025**	**1221381**			<2	<0.4	<5	80	7.3	<0.1	<5	21		23	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH06	**BH06_0.1**	**12 May 2025**	**1221381**			3.0	<0.4	6.8	97	14	<0.1	<5	45		24	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH07	**BH07_0.1**	**12 May 2025**	**1221381**			<2	<0.4	5.5	77	20	<0.1	<5	21		29	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH08	**BH08_0.1**	**12 May 2025**	**1221381**			<2	<0.4	12	91	20	<0.1	<5	26		27	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH09	**BH09_0.1**	**12 May 2025**	**1221381**			5.1	<0.4	11	35	15	<0.1	13	55		9.1	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH10	**BH10_0.1**	**12 May 2025**	**1221381**			3.3	<0.4	6.6	90	14	<0.1	<5	5.6		30	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
BH11	**BH11_0.1**	**12 May 2025**	**1221381**			5.3	<0.4	12	84	7.7	<0.1	6.2	31		5.4	<1	<20	<0.5	<5	<0.5	<1	<5	<20	<1
BH12	**BH12_0.1**	**12 May 2025**	**1221381**			4.4	<0.4	14	25	9.0	<0.1	16	38		5.0	<1	<20	<0.5	<5	<0.5	<1	<5	<20	<1
BH13	**BH13_0.1**	**12 May 2025**	**1221381**			5.6	<0.4	12	33	11	<0.1	13	42		4.9	<1	<20	<0.5	<5	<0.5	<1	<5	<20	<1
BH14	**BH14_0.1**	**12 May 2025**	**1221381**			5.8	<0.4	13	25	12	<0.1	17	48		5.6	<1	<20	<0.5	<5	<0.5	<1	<5	<20	<1
BH15	**BH15_0.3**	**12 May 2025**	**1221381**			2.4	<0.4	14	160	8.6	<0.1	20	54		5.7	<1	<20	<0.5	<5	<0.5	<1	<5	<20	<1
BH16	**BH16_0.1**	**12 May 2025**	**1221381**			2.2	<0.4	<5	88	15	<0.1	5.3	33		19	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
HA101	**HA101_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.3	<0.4	7.7	34	22	<0.1	<5	57		34	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
HA101	**QA300**	**29 May 2025**	**1228331**			2.4	<0.4	7.8	34	23	<0.1	<5	67		37	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
HA101	**QC300**	**29 May 2025**	**ES2516956**			<5	<1	9	44	29	<0.1	2	102	34.1		<1		<0.5		<0.5	<0.5			<0.5
HA101	**QC300**	**29 May 2025**	**ES2517149**			<5	<1	9	42	28	<0.1	2	71	41.9		<1		<0.5		<0.5	<0.5			<0.5
HA102	**HA102_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.8	<0.4	<5	110	18	<0.1	<5	39		28	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
HA102	**HA102_0.9**	**29 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.5	<0.4	<5	180	27	<0.1	<5	54		27	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
HA102	**QA100**	**27 May 2025**	**1228331**			2.2	<0.4	<5	73	30	<0.1	<5	75		24	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
HA102-ACM-0-0.2	**HA102-ACM-0-0.2**	**29 May 2025**	**1228331**	0.0000	No asbestos detected.																			
HA103	**HA103_0.1**	**29 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.5	<0.4	5.7	110	37	<0.1	<5	120		29	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
SP1	**SP1**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.2	<0.4	7.2	140	18	<0.1	<5	58		32	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP101	**TP101_0.1**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	4.3	<0.4	27	34	12	<0.1	37	56		5.4	<1	<20	<0.5	<5	<0.5	<1	<5	<20	<1
TP102	**TP102_0.1**	**27 May 2025**	**1228331**			<2	<0.4	6.3	69	88	<0.1	<5	60		33	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP103	**TP103_0.1**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	7.2	<0.4	17	25	10	<0.1	20	63		7.8	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP103	**TP103_0.3**	**27 May 2025**	**1228331**			2.6	<0.4	<5	140	9.6	<0.1	<5	28		28									
TP104	**QC100**	**27 May 2025**	**ES2517149**			<5	<1	4	78	40	<0.1	<2	86	24.4		<1		<0.5		<0.5	<0.5			<0.5
TP104	**QC100**	**29 May 2025**	**ES2516956**			<5	<1	5	83	39	<0.1	<2	93	33.1		<1		<0.5		<0.5	<0.5			<0.5
TP104	**TP104_0.1**	**27 May 2025**	**1228331**			2.4	<0.4	<5	75	31	<0.1	<5	81		26									
TP105	**TP105_0.1**	**27 May 2025**	**1228331**			<2	<0.4	<5	75	20	<0.1	<5	53		23									
TP106	**TP106_0.1**	**27 May 2025**	**1228331**			3.4	<0.4	5.0	87	23	<0.1	<5	68		39									
TP107	**TP107_0.1**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.4	<0.4	<5	78	31	<0.1	<5	110		36	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP108	**TP108_0.1**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.2	<0.4	8.5	90	25	<0.1	<5	28		30									
TP108	**TP108_0.3**	**27 May 2025**	**1228331**			7.2	<0.4	13	17	13	<0.1	20	54		6.0	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP108	**TP108_0.5**	**27 May 2025**	**1228331**																					
TP108	**TP108_1**	**27 May 2025**	**1228331**			<2	<0.4	<5	61	6.4	<0.1	<5	5.0		32									
TP109	**TP109_0.1**	**27 May 2025**	**1228331**												31									
TP110	**TP110_0.1**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.1	<0.4	8.0	90	18	<0.1	<5	14		33	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP111	**QA102**	**27 May 2025**	**1228331**			7.1	<0.4	19	42	24	<0.1	22	78		11	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP111	**QC102**	**27 May 2025**	**ES2517149**			<5	<1	13	31	17	<0.1	15	79	13.5		<1		<0.5		<0.5	<0.5			<0.5
TP111	**TP111_0.1**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	4.5	<0.4	12	37	15	<0.1	20	60		8.9	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP111	**TP111_0.3**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	4.8	<0.4	12	26	14	<0.1	16	50		7.9									
TP112	**TP112_0.1**	**27 May 2025**	**1228331**			5.5	<0.4	16	22	17	<0.1	16	68		9.1	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP112	**TP112_0.3**	**27 May 2025**	**1228331**			<2	<0.4	7.9	94	17	<0.1	5.2	19		17	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP112	**TP112_0.5**	**27 May 2025**	**1228331**																					
TP113	**QC301**	**29 May 2025**	**ES2516956**			<5	<1	6	141	16	<0.1	3	92	51.9		<2		<0.8		<0.8	<0.8			<0.8
TP113	**TP113_0.1**	**27 May 2025**	**1228331**			2.1	<0.4	7.7	66	20	<0.1	<5	69		30	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP113	**TP113_0.3**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.3	<0.4	7.0	62	21	<0.1	5.3	38		19	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP114	**TP114_0.1**	**27 May 2025**	**1228331**			2.2	<0.4	6.4	80	25	<0.1	<5	28		33									
TP115	**TP115_0.1**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	3.8	<0.4	10	94	19	<0.1	13	59		25	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP115	**TP115_0.3**	**27 May 2025**	**1228331**			2.3	<0.4	<5	110	13	<0.1	<5	45		28									
TP115	**TP115_0.5**	**27 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.8	<0.4	<5	180	18	<0.1	<5	61		20	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1

				Asbestos		Metals								Inorganics		Phenols								
				Friable Asbestos (FA & AF)	Asbestos Reported Result	Arsenic	Cadmium	Chromium (III+VI)	Copper	Lead	Mercury	Nickel	Zinc	Moisture Content	Moisture Content (dried @ 103°C)	3/4-Methylphenol (m/p-cresol)	Total Non-Halogenated Phenol*	2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexyl phenol	4-chloro-3-methylphenol
				%w/w	Comment	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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						2	0.4	2	5	5	0.1	2	5	1	1	0.4	20	0.5	5	0.2	0.5	5	20	0.5
NEPM 2013 Sch B1 Table 7 Asbestos HSLs				0.001	<0.01% w/w ACM in soil. No visible asbestos at surface																			
NEPM 2013 HIL, Residential A						100	20		6,000	300	40	400	7,400											
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																								
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																								
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																								
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																								
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																								
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																								
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged						100		190	60	1,100		30	70											
NEPM 2013 ESL UR/POS, Coarse Soil																								
Location Code	**Field ID**	**Date**	**Lab Report Number**																					
TP116	**TP116_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.6	<0.4	5.3	73	13	<0.1	<5	30		16	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP116	**TP116_0.5**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	<2	<0.4	<5	75	16	<0.1	<5	20		26									
TP117	**QA200**	**28 May 2025**	**1228331**			5.2	<0.4	14	78	25	<0.1	6.6	89		27	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP117	**QC200**	**28 May 2025**	**ES2517149**			<5	<1	15	99	18	<0.1	4	59	29.2		<1		<0.5		<0.5	<0.5			<0.5
TP117	**QC200**	**29 May 2025**	**ES2516956**			7	<1	15	89	26	<0.1	7	87	30.7		<1		<0.5		<0.5	<0.5			<0.5
TP117	**TP117_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	4.8	<0.4	13	69	22	<0.1	6.2	77		31									
TP117	**TP117_0.5**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	3.0	<0.4	<5	99	13	<0.1	<5	26		20	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP118	**TP118_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	4.1	<0.4	8.1	87	14	<0.1	5.9	55		28	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP118	**TP118_0.3**	**28 May 2025**	**1228331**																					
TP118	**TP118_0.5**	**28 May 2025**	**1228331**																					
TP118	**TP118_1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.3	<0.4	<5	130	14	<0.1	<5	36		23	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP118	**TP118_1.5**	**28 May 2025**	**1228331**																					
TP118	**TP118_2**	**28 May 2025**	**1228331**																					
TP119	**TP119_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	6.5	<0.4	13	73	23	<0.1	6.6	86		35	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP120	**TP120_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	3.3	<0.4	9.2	62	13	<0.1	5.6	50		32	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP121	**TP121_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	9.9	<0.4	30	72	36	<0.1	11	140		33	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP121	**TP121_0.3**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.7	<0.4	<5	130	12	<0.1	<5	40		24	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP122	**TP122_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*																			
TP122	**TP122_0.3**	**28 May 2025**	**1228331**			2.8	<0.4	<5	160	16	<0.1	<5	48		23									
TP122	**TP122_2.7**	**28 May 2025**	**1228331**			4.6	<0.4	<5	160	7.3	<0.1	<5	58		17									
TP123	**QA201**	**28 May 2025**	**1228331**			6.4	<0.4	16	110	35	0.3	11	160		37	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP123	**QC201**	**28 May 2025**	**ES2517149**			6	<1	12	76	30	0.2	8	79	35.6		<1		<0.5		<0.5	<0.5			<0.5
TP123	**TP123_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	5.9	<0.4	18	85	24	0.2	9.0	85		38	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP123	**TP123_0.5**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	<2	<0.4	<5	120	15	<0.1	<5	28		21									
TP123	**TP123_1**	**28 May 2025**	**1228331**																					
TP123	**TP123_1.5**	**28 May 2025**	**1228331**																					
TP123	**TP123_2.5**	**28 May 2025**	**1228331**																					
TP123	**TP123_3.5**	**28 May 2025**	**1228331**																					
TP124	**TP124_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	8.6	<0.4	20	100	35	0.4	13	150		35	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP124	**TP124_0.3**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	2.0	<0.4	<5	120	13	<0.1	<5	30		30									
TP125	**TP125_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	7.0	<0.4	19	110	33	<0.1	9.0	120		38	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP125	**TP125_0.3**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	3.5	<0.4	<5	92	8.6	<0.1	<5	39		29									
TP126	**TP126_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	5.4	<0.4	13	78	24	0.2	7.4	73		33	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1
TP127	**TP127_0.1**	**28 May 2025**	**1228331**	0.0000	No asbestos detected at the reporting limit of 0.001% w/w.*	<2	<0.4	5.0	79	17	<0.1	<5	29		30	<0.4	<20	<0.5	<5	<0.2	<1	<5	<20	<1

							Halogenated Phenols																				
				4-nitrophenol	Cresol (Total)	Dinoseb	Phenol	Total Halogenated Phenol*	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	tetrachlorophenols	Organochlorine pesticides IWRG621	Total Other OC VIC EPA	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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				5	0.5	20	0.5	1	0.5	0.5	0.5	0.5	0.5	1	10	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																												
NEPM 2013 HIL, Residential A					400		3,000							100							6		50					
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																												
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																												
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																												
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																												
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																												
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																												
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																												180
NEPM 2013 ESL UR/POS, Coarse Soil																												
Location Code	**Field ID**	**Date**	**Lab Report Number**																									
BH01	**BH01_0.1**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
BH01	**BH01_1.0**	**12 May 2025**	**1221381**																									
BH01	**QA100**	**12 May 2025**	**1221381**																									
BH02	**BH02_0.5**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
BH03	**BH03_0.1**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
BH04	**BH04_0.1**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
BH04	**BH04_0.5**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10													
BH04	**BH04_1.5**	**12 May 2025**	**1221381**																									
BH05	**BH05_0.5**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
BH06	**BH06_0.1**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
BH07	**BH07_0.1**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
BH08	**BH08_0.1**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
BH09	**BH09_0.1**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
BH10	**BH10_0.1**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
BH11	**BH11_0.1**	**12 May 2025**	**1221381**	<5	<1	<20	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1			<0.5	<0.5	<0.5
BH12	**BH12_0.1**	**12 May 2025**	**1221381**	<5	<1	<20	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1			<0.5	<0.5	<0.5
BH13	**BH13_0.1**	**12 May 2025**	**1221381**	<5	<1	<20	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1			<0.5	<0.5	<0.5
BH14	**BH14_0.1**	**12 May 2025**	**1221381**	<5	<1	<20	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1			<0.5	<0.5	<0.5
BH15	**BH15_0.3**	**12 May 2025**	**1221381**	<5	<1	<20	<1	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1			<0.5	<0.5	<0.5
BH16	**BH16_0.1**	**12 May 2025**	**1221381**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
HA101	**HA101_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
HA101	**QA300**	**29 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
HA101	**QC300**	**29 May 2025**	**ES2516956**				<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<2				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
HA101	**QC300**	**29 May 2025**	**ES2517149**				<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<2				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
HA102	**HA102_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
HA102	**HA102_0.9**	**29 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
HA102	**QA100**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
HA102-ACM-0-0.2	**HA102-ACM-0-0.2**	**29 May 2025**	**1228331**																									
HA103	**HA103_0.1**	**29 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
SP1	**SP1**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP101	**TP101_0.1**	**27 May 2025**	**1228331**	<5	<1	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<1			<0.5	<0.5	<0.5
TP102	**TP102_0.1**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP103	**TP103_0.1**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP103	**TP103_0.3**	**27 May 2025**	**1228331**																									
TP104	**QC100**	**27 May 2025**	**ES2517149**				<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<2				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
TP104	**QC100**	**29 May 2025**	**ES2516956**				<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<2				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
TP104	**TP104_0.1**	**27 May 2025**	**1228331**													<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP105	**TP105_0.1**	**27 May 2025**	**1228331**													<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP106	**TP106_0.1**	**27 May 2025**	**1228331**													<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP107	**TP107_0.1**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP108	**TP108_0.1**	**27 May 2025**	**1228331**																									
TP108	**TP108_0.3**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP108	**TP108_0.5**	**27 May 2025**	**1228331**																									
TP108	**TP108_1**	**27 May 2025**	**1228331**																									
TP109	**TP109_0.1**	**27 May 2025**	**1228331**													<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP110	**TP110_0.1**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP111	**QA102**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP111	**QC102**	**27 May 2025**	**ES2517149**				<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<2				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
TP111	**TP111_0.1**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP111	**TP111_0.3**	**27 May 2025**	**1228331**																									
TP112	**TP112_0.1**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP112	**TP112_0.3**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP112	**TP112_0.5**	**27 May 2025**	**1228331**																									
TP113	**QC301**	**29 May 2025**	**ES2516956**				<0.8		<0.8	<0.8	<0.8	<0.8	<0.8	<2				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
TP113	**TP113_0.1**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP113	**TP113_0.3**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP114	**TP114_0.1**	**27 May 2025**	**1228331**													<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP115	**TP115_0.1**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP115	**TP115_0.3**	**27 May 2025**	**1228331**																									
TP115	**TP115_0.5**	**27 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05

									Halogenated Phenols																		
				4-nitrophenol	Cresol (Total)	Dinoseb	Phenol	Total Halogenated Phenol*	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	tetrachlorophenols	Organochlorine pesticides IWRG621	Total Other OC VIC EPA	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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				5	0.5	20	0.5	1	0.5	0.5	0.5	0.5	0.5	1	10	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																												
NEPM 2013 HIL, Residential A					400		3,000							100							6		50					
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																												
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																												
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																												
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																												
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																												
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																												
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																												180
NEPM 2013 ESL UR/POS, Coarse Soil																												
Location Code	**Field ID**	**Date**	**Lab Report Number**																									
TP116	**TP116_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP116	**TP116_0.5**	**28 May 2025**	**1228331**																									
TP117	**QA200**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP117	**QC200**	**28 May 2025**	**ES2517149**				<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<2				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
TP117	**QC200**	**29 May 2025**	**ES2516956**				<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<2				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
TP117	**TP117_0.1**	**28 May 2025**	**1228331**																									
TP117	**TP117_0.5**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP118	**TP118_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP118	**TP118_0.3**	**28 May 2025**	**1228331**																									
TP118	**TP118_0.5**	**28 May 2025**	**1228331**																									
TP118	**TP118_1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP118	**TP118_1.5**	**28 May 2025**	**1228331**																									
TP118	**TP118_2**	**28 May 2025**	**1228331**																									
TP119	**TP119_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP120	**TP120_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP121	**TP121_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP121	**TP121_0.3**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10													
TP122	**TP122_0.1**	**28 May 2025**	**1228331**																									
TP122	**TP122_0.3**	**28 May 2025**	**1228331**													<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP122	**TP122_2.7**	**28 May 2025**	**1228331**																									
TP123	**QA201**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP123	**QC201**	**28 May 2025**	**ES2517149**				<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<2				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2
TP123	**TP123_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP123	**TP123_0.5**	**28 May 2025**	**1228331**																									
TP123	**TP123_1**	**28 May 2025**	**1228331**																									
TP123	**TP123_1.5**	**28 May 2025**	**1228331**																									
TP123	**TP123_2.5**	**28 May 2025**	**1228331**																									
TP123	**TP123_3.5**	**28 May 2025**	**1228331**																									
TP124	**TP124_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP124	**TP124_0.3**	**28 May 2025**	**1228331**																									
TP125	**TP125_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP125	**TP125_0.3**	**28 May 2025**	**1228331**																									
TP126	**TP126_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05
TP127	**TP127_0.1**	**28 May 2025**	**1228331**	<5	<0.5	<20	<0.5	<1	<1	<1	<0.5	<0.5	<0.5	<1	<10	<0.1	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1			<0.05	<0.05	<0.05

				Organochlorine Pesticides																									
				DDT+DDE+DDD	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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				0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.2	0.05	0.2	0.05	0.05	0.05	0.05	0.05	2	0.2
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																													
NEPM 2013 HIL, Residential A				240		270				10				6		10	300	20							160				
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																													
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																													
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																													
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																													
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																													
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																													
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																													
NEPM 2013 ESL UR/POS, Coarse Soil																													
Location Code	**Field ID**	**Date**	**Lab Report Number**																										
BH01	**BH01_0.1**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
BH01	**BH01_1.0**	**12 May 2025**	**1221381**																										
BH01	**QA100**	**12 May 2025**	**1221381**																										
BH02	**BH02_0.5**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
BH03	**BH03_0.1**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
BH04	**BH04_0.1**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
BH04	**BH04_0.5**	**12 May 2025**	**1221381**																										
BH04	**BH04_1.5**	**12 May 2025**	**1221381**																										
BH05	**BH05_0.5**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
BH06	**BH06_0.1**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
BH07	**BH07_0.1**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
BH08	**BH08_0.1**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
BH09	**BH09_0.1**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
BH10	**BH10_0.1**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
BH11	**BH11_0.1**	**12 May 2025**	**1221381**	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<5	<0.5
BH12	**BH12_0.1**	**12 May 2025**	**1221381**	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<5	<0.5
BH13	**BH13_0.1**	**12 May 2025**	**1221381**	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<5	<0.5
BH14	**BH14_0.1**	**12 May 2025**	**1221381**	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<5	<0.5
BH15	**BH15_0.3**	**12 May 2025**	**1221381**	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<5	<0.5
BH16	**BH16_0.1**	**12 May 2025**	**1221381**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
HA101	**HA101_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
HA101	**QA300**	**29 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
HA101	**QC300**	**29 May 2025**	**ES2516956**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2			<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		
HA101	**QC300**	**29 May 2025**	**ES2517149**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2			<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		
HA102	**HA102_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
HA102	**HA102_0.9**	**29 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
HA102	**QA100**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
HA102-ACM-0-0.2	**HA102-ACM-0-0.2**	**29 May 2025**	**1228331**																										
HA103	**HA103_0.1**	**29 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
SP1	**SP1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP101	**TP101_0.1**	**27 May 2025**	**1228331**	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<5	<0.5
TP102	**TP102_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP103	**TP103_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP103	**TP103_0.3**	**27 May 2025**	**1228331**																										
TP104	**QC100**	**27 May 2025**	**ES2517149**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2			<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		
TP104	**QC100**	**29 May 2025**	**ES2516956**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2			<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		
TP104	**TP104_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP105	**TP105_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP106	**TP106_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP107	**TP107_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP108	**TP108_0.1**	**27 May 2025**	**1228331**																										
TP108	**TP108_0.3**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP108	**TP108_0.5**	**27 May 2025**	**1228331**																										
TP108	**TP108_1**	**27 May 2025**	**1228331**																										
TP109	**TP109_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP110	**TP110_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP111	**QA102**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP111	**QC102**	**27 May 2025**	**ES2517149**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2			<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		
TP111	**TP111_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP111	**TP111_0.3**	**27 May 2025**	**1228331**																										
TP112	**TP112_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP112	**TP112_0.3**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP112	**TP112_0.5**	**27 May 2025**	**1228331**																										
TP113	**QC301**	**29 May 2025**	**ES2516956**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2			<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		
TP113	**TP113_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP113	**TP113_0.3**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP114	**TP114_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP115	**TP115_0.1**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP115	**TP115_0.3**	**27 May 2025**	**1228331**																										
TP115	**TP115_0.5**	**27 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2

				Organochlorine Pesticides																								
				DDT+DDE+DDD	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Toxaphene	Tokuthion	Azinophos methyl	Bolstar (Sulprofos)	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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				0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5	0.2	0.05	0.2	0.05	0.05	0.05	0.05	0.05	2	0.2
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																												
NEPM 2013 HIL, Residential A				240		270				10				6		10	300	20							160			
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																												
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																												
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																												
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																												
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																												
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																												
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																												
NEPM 2013 ESL UR/POS, Coarse Soil																												
Location Code	**Field ID**	**Date**	**Lab Report Number**																									
TP116	**TP116_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP116	**TP116_0.5**	**28 May 2025**	**1228331**																									
TP117	**QA200**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP117	**QC200**	**28 May 2025**	**ES2517149**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2			<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		
TP117	**QC200**	**29 May 2025**	**ES2516956**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2			<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		
TP117	**TP117_0.1**	**28 May 2025**	**1228331**																									
TP117	**TP117_0.5**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP118	**TP118_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP118	**TP118_0.3**	**28 May 2025**	**1228331**																									
TP118	**TP118_0.5**	**28 May 2025**	**1228331**																									
TP118	**TP118_1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP118	**TP118_1.5**	**28 May 2025**	**1228331**																									
TP118	**TP118_2**	**28 May 2025**	**1228331**																									
TP119	**TP119_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP120	**TP120_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP121	**TP121_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP121	**TP121_0.3**	**28 May 2025**	**1228331**																									
TP122	**TP122_0.1**	**28 May 2025**	**1228331**																									
TP122	**TP122_0.3**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP122	**TP122_2.7**	**28 May 2025**	**1228331**																									
TP123	**QA201**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP123	**QC201**	**28 May 2025**	**ES2517149**	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2			<0.05		<0.05	<0.05	<0.05	<0.05	<0.05		
TP123	**TP123_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP123	**TP123_0.5**	**28 May 2025**	**1228331**																									
TP123	**TP123_1**	**28 May 2025**	**1228331**																									
TP123	**TP123_1.5**	**28 May 2025**	**1228331**																									
TP123	**TP123_2.5**	**28 May 2025**	**1228331**																									
TP123	**TP123_3.5**	**28 May 2025**	**1228331**																									
TP124	**TP124_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP124	**TP124_0.3**	**28 May 2025**	**1228331**																									
TP125	**TP125_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP125	**TP125_0.3**	**28 May 2025**	**1228331**																									
TP126	**TP126_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2
TP127	**TP127_0.1**	**28 May 2025**	**1228331**	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.2	<0.2	<0.2			<0.2	<0.2	<0.2	<2	<0.2

				Organophosphorous Pesticides																								
				Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Prothiofos	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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				0.2	0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	2	0.2	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																												
NEPM 2013 HIL, Residential A																												
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																												
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																												
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																												
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																												
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																												
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																												
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																												
NEPM 2013 ESL UR/POS, Coarse Soil																												
Location Code	**Field ID**	**Date**	**Lab Report Number**																									
BH01	**BH01_0.1**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
BH01	**BH01_1.0**	**12 May 2025**	**1221381**																									
BH01	**QA100**	**12 May 2025**	**1221381**																									
BH02	**BH02_0.5**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
BH03	**BH03_0.1**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
BH04	**BH04_0.1**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
BH04	**BH04_0.5**	**12 May 2025**	**1221381**																									
BH04	**BH04_1.5**	**12 May 2025**	**1221381**																									
BH05	**BH05_0.5**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
BH06	**BH06_0.1**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
BH07	**BH07_0.1**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
BH08	**BH08_0.1**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
BH09	**BH09_0.1**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
BH10	**BH10_0.1**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
BH11	**BH11_0.1**	**12 May 2025**	**1221381**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5
BH12	**BH12_0.1**	**12 May 2025**	**1221381**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5
BH13	**BH13_0.1**	**12 May 2025**	**1221381**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5
BH14	**BH14_0.1**	**12 May 2025**	**1221381**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5
BH15	**BH15_0.3**	**12 May 2025**	**1221381**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5
BH16	**BH16_0.1**	**12 May 2025**	**1221381**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
HA101	**HA101_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
HA101	**QA300**	**29 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
HA101	**QC300**	**29 May 2025**	**ES2516956**		<0.05	<0.05	<0.05			<0.05				<0.05	<0.05		<0.2		<0.2				<0.05					
HA101	**QC300**	**29 May 2025**	**ES2517149**		<0.05	<0.05	<0.05			<0.05				<0.05	<0.05		<0.2		<0.2				<0.05					
HA102	**HA102_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
HA102	**HA102_0.9**	**29 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
HA102	**QA100**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
HA102-ACM-0-0.2	**HA102-ACM-0-0.2**	**29 May 2025**	**1228331**																									
HA103	**HA103_0.1**	**29 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
SP1	**SP1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP101	**TP101_0.1**	**27 May 2025**	**1228331**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5
TP102	**TP102_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP103	**TP103_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP103	**TP103_0.3**	**27 May 2025**	**1228331**																									
TP104	**QC100**	**27 May 2025**	**ES2517149**		<0.05	<0.05	<0.05			<0.05				<0.05	<0.05		<0.2		<0.2				<0.05					
TP104	**QC100**	**29 May 2025**	**ES2516956**		<0.05	<0.05	<0.05			<0.05				<0.05	<0.05		<0.2		<0.2				<0.05					
TP104	**TP104_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP105	**TP105_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP106	**TP106_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP107	**TP107_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP108	**TP108_0.1**	**27 May 2025**	**1228331**																									
TP108	**TP108_0.3**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP108	**TP108_0.5**	**27 May 2025**	**1228331**																									
TP108	**TP108_1**	**27 May 2025**	**1228331**																									
TP109	**TP109_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP110	**TP110_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP111	**QA102**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP111	**QC102**	**27 May 2025**	**ES2517149**		<0.05	<0.05	<0.05			<0.05				<0.05	<0.05		<0.2		<0.2				<0.05					
TP111	**TP111_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP111	**TP111_0.3**	**27 May 2025**	**1228331**																									
TP112	**TP112_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP112	**TP112_0.3**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP112	**TP112_0.5**	**27 May 2025**	**1228331**																									
TP113	**QC301**	**29 May 2025**	**ES2516956**		<0.05	<0.05	<0.05			<0.05				<0.05	<0.05		<0.2		<0.2				<0.05					
TP113	**TP113_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP113	**TP113_0.3**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP114	**TP114_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP115	**TP115_0.1**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP115	**TP115_0.3**	**27 May 2025**	**1228331**																									
TP115	**TP115_0.5**	**27 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2

				Organophosphorous Pesticides																								
				Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Prothiofos	Pyrazophos	Ronnel	Terbufos	Trichloronate	Tetrachlorvinphos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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				0.2	0.05	0.05	0.05	0.2	0.2	0.05	0.2	0.2	0.2	0.05	0.05	0.2	0.2	0.2	0.2	0.2	2	0.2	0.05	0.2	0.2	0.2	0.2	0.2
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																												
NEPM 2013 HIL, Residential A																												
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																												
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																												
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access																												
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																												
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																												
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																												
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																												
NEPM 2013 ESL UR/POS, Coarse Soil																												
Location Code	**Field ID**	**Date**	**Lab Report Number**																									
TP116	**TP116_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP116	**TP116_0.5**	**28 May 2025**	**1228331**																									
TP117	**QA200**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP117	**QC200**	**28 May 2025**	**ES2517149**		<0.05	<0.05	<0.05			<0.05				<0.05	<0.05		<0.2		<0.2				<0.05					
TP117	**QC200**	**29 May 2025**	**ES2516956**		<0.05	<0.05	<0.05			<0.05				<0.05	<0.05		<0.2		<0.2				<0.05					
TP117	**TP117_0.1**	**28 May 2025**	**1228331**																									
TP117	**TP117_0.5**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP118	**TP118_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP118	**TP118_0.3**	**28 May 2025**	**1228331**																									
TP118	**TP118_0.5**	**28 May 2025**	**1228331**																									
TP118	**TP118_1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP118	**TP118_1.5**	**28 May 2025**	**1228331**																									
TP118	**TP118_2**	**28 May 2025**	**1228331**																									
TP119	**TP119_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP120	**TP120_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP121	**TP121_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP121	**TP121_0.3**	**28 May 2025**	**1228331**																									
TP122	**TP122_0.1**	**28 May 2025**	**1228331**																									
TP122	**TP122_0.3**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP122	**TP122_2.7**	**28 May 2025**	**1228331**																									
TP123	**QA201**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP123	**QC201**	**28 May 2025**	**ES2517149**		<0.05	<0.05	<0.05			<0.05				<0.05	<0.05		<0.2		<0.2				<0.05					
TP123	**TP123_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP123	**TP123_0.5**	**28 May 2025**	**1228331**																									
TP123	**TP123_1**	**28 May 2025**	**1228331**																									
TP123	**TP123_1.5**	**28 May 2025**	**1228331**																									
TP123	**TP123_2.5**	**28 May 2025**	**1228331**																									
TP123	**TP123_3.5**	**28 May 2025**	**1228331**																									
TP124	**TP124_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP124	**TP124_0.3**	**28 May 2025**	**1228331**																									
TP125	**TP125_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP125	**TP125_0.3**	**28 May 2025**	**1228331**																									
TP126	**TP126_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2
TP127	**TP127_0.1**	**28 May 2025**	**1228331**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2		<0.2	<0.2	<0.2	<0.2	<0.2

				Pesticides					Perfluorocarbons															
				Demeton-S-methyl	Fenamiphos	Parathion	Pirimiphos-methyl	Pirimphos-ethyl	Sum of WA DWER PFAS (n=10)*	Perfluorobutane sulfonic acid (PFBS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoate (PFOA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FtS)	8:2 Fluorotelomer sulfonate (8:2 FtS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum of PFHxS and PFOS	Sum of PFOS + PFOA	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG/L	mg/kg	mg/kg	mg/kg	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				0.05	0.05	0.2	0.2	0.05	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.005	0.005
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																								
NEPM 2013 HIL, Residential A																								
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																								
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil											0.003	0.003					0.06					0.003		
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access											2	2					20					2		
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses												1					10							
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses												0.003					0.003							
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																								
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																								
NEPM 2013 ESL UR/POS, Coarse Soil																								
Location Code	**Field ID**	**Date**	**Lab Report Number**																					
BH01	**BH01_0.1**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH01	**BH01_1.0**	**12 May 2025**	**1221381**																					
BH01	**QA100**	**12 May 2025**	**1221381**																					
BH02	**BH02_0.5**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH03	**BH03_0.1**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH04	**BH04_0.1**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH04	**BH04_0.5**	**12 May 2025**	**1221381**								<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH04	**BH04_1.5**	**12 May 2025**	**1221381**																					
BH05	**BH05_0.5**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH06	**BH06_0.1**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH07	**BH07_0.1**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH08	**BH08_0.1**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH09	**BH09_0.1**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH10	**BH10_0.1**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH11	**BH11_0.1**	**12 May 2025**	**1221381**			<0.5	<0.5				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH12	**BH12_0.1**	**12 May 2025**	**1221381**			<0.5	<0.5				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH13	**BH13_0.1**	**12 May 2025**	**1221381**			<0.5	<0.5				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH14	**BH14_0.1**	**12 May 2025**	**1221381**			<0.5	<0.5				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH15	**BH15_0.3**	**12 May 2025**	**1221381**			<0.5	<0.5				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
BH16	**BH16_0.1**	**12 May 2025**	**1221381**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
HA101	**HA101_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
HA101	**QA300**	**29 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
HA101	**QC300**	**29 May 2025**	**ES2516956**	<0.05	<0.05	<0.2		<0.05																
HA101	**QC300**	**29 May 2025**	**ES2517149**	<0.05	<0.05	<0.2		<0.05																
HA102	**HA102_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
HA102	**HA102_0.9**	**29 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
HA102	**QA100**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
HA102-ACM-0-0.2	**HA102-ACM-0-0.2**	**29 May 2025**	**1228331**																					
HA103	**HA103_0.1**	**29 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
SP1	**SP1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP101	**TP101_0.1**	**27 May 2025**	**1228331**			<0.5	<0.5				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP102	**TP102_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP103	**TP103_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP103	**TP103_0.3**	**27 May 2025**	**1228331**																					
TP104	**QC100**	**27 May 2025**	**ES2517149**	<0.05	<0.05	<0.2		<0.05	0.0006	<0.0002	<0.0002	0.0006	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0006		
TP104	**QC100**	**29 May 2025**	**ES2516956**	<0.05	<0.05	<0.2		<0.05	0.0005	<0.0002	<0.0002	0.0005	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0005		
TP104	**TP104_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP105	**TP105_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP106	**TP106_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP107	**TP107_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP108	**TP108_0.1**	**27 May 2025**	**1228331**								<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP108	**TP108_0.3**	**27 May 2025**	**1228331**			<0.2	<0.2																	
TP108	**TP108_0.5**	**27 May 2025**	**1228331**																					
TP108	**TP108_1**	**27 May 2025**	**1228331**																					
TP109	**TP109_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP110	**TP110_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP111	**QA102**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP111	**QC102**	**27 May 2025**	**ES2517149**	<0.05	<0.05	<0.2		<0.05	0.0007	<0.0002	<0.0002	0.0007	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0007		
TP111	**TP111_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP111	**TP111_0.3**	**27 May 2025**	**1228331**																					
TP112	**TP112_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP112	**TP112_0.3**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP112	**TP112_0.5**	**27 May 2025**	**1228331**																					
TP113	**QC301**	**29 May 2025**	**ES2516956**	<0.05	<0.05	<0.2		<0.05																
TP113	**TP113_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP113	**TP113_0.3**	**27 May 2025**	**1228331**			<0.2	<0.2																	
TP114	**TP114_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP115	**TP115_0.1**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP115	**TP115_0.3**	**27 May 2025**	**1228331**																					
TP115	**TP115_0.5**	**27 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005

				Pesticides					Perfluorocarbons															
				Demeton-S-methyl	Fenamiphos	Parathion	Pirimiphos-methyl	Pirimphos-ethyl	Sum of WA DWER PFAS (n=10)*	Perfluorobutane sulfonic acid (PFBS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoate (PFOA)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	6:2 Fluorotelomer Sulfonate (6:2 FtS)	8:2 Fluorotelomer sulfonate (8:2 FtS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum of PFHxS and PFOS	Sum of PFOS + PFOA	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	UG/L	mg/kg	mg/kg	mg/kg	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				0.05	0.05	0.2	0.2	0.05	0.0002	0.0002	0.0002	0.0002	0.001	0.0002	0.0002	0.0002	0.0002	0.0005	0.0005	0.0005	0.0005	0.0002	0.005	0.005
NEPM 2013 Sch B1 Table 7 Asbestos HSLs																								
NEPM 2013 HIL, Residential A																								
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand																								
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil											0.003	0.003					0.06					0.003		
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access											2	2					20					2		
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses												1					10							
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses												0.003					0.003							
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential																								
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																								
NEPM 2013 ESL UR/POS, Coarse Soil																								
Location Code	**Field ID**	**Date**	**Lab Report Number**																					
TP116	**TP116_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	0.0059					<0.005		<0.01			0.0059	0.0059	0.0059
TP116	**TP116_0.5**	**28 May 2025**	**1228331**																					
TP117	**QA200**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP117	**QC200**	**28 May 2025**	**ES2517149**	<0.05	<0.05	<0.2		<0.05	0.0019	<0.0002	<0.0002	0.0019	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0019		
TP117	**QC200**	**29 May 2025**	**ES2516956**	<0.05	<0.05	<0.2		<0.05	0.0020	<0.0002	0.0003	0.0017	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0020		
TP117	**TP117_0.1**	**28 May 2025**	**1228331**								<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP117	**TP117_0.5**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP118	**TP118_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP118	**TP118_0.3**	**28 May 2025**	**1228331**																					
TP118	**TP118_0.5**	**28 May 2025**	**1228331**																					
TP118	**TP118_1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP118	**TP118_1.5**	**28 May 2025**	**1228331**																					
TP118	**TP118_2**	**28 May 2025**	**1228331**																					
TP119	**TP119_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP120	**TP120_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP121	**TP121_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP121	**TP121_0.3**	**28 May 2025**	**1228331**																					
TP122	**TP122_0.1**	**28 May 2025**	**1228331**																					
TP122	**TP122_0.3**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP122	**TP122_2.7**	**28 May 2025**	**1228331**																					
TP123	**QA201**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP123	**QC201**	**28 May 2025**	**ES2517149**	<0.05	<0.05	<0.2		<0.05	0.0012	<0.0002	<0.0002	0.0012	<0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0005	<0.0005	<0.0005	<0.0005	0.0012		
TP123	**TP123_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP123	**TP123_0.5**	**28 May 2025**	**1228331**								<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP123	**TP123_1**	**28 May 2025**	**1228331**																					
TP123	**TP123_1.5**	**28 May 2025**	**1228331**																					
TP123	**TP123_2.5**	**28 May 2025**	**1228331**																					
TP123	**TP123_3.5**	**28 May 2025**	**1228331**																					
TP124	**TP124_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP124	**TP124_0.3**	**28 May 2025**	**1228331**																					
TP125	**TP125_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP125	**TP125_0.3**	**28 May 2025**	**1228331**																					
TP126	**TP126_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005
TP127	**TP127_0.1**	**28 May 2025**	**1228331**			<0.2	<0.2				<0.005	<0.005					<0.005		<0.01			<0.005	<0.005	<0.005

				Polychlorinated Biphenyls								Acid Sulphate Soils	
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	pH (F)	pH (Fox)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH Unit	pH Unit
EQL				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Sch B1 Table 7 Asbestos HSLs													
NEPM 2013 HIL, Residential A											1		
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand													
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil													
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access													
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses													
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses													
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential													
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged													
NEPM 2013 ESL UR/POS, Coarse Soil													
Location Code	**Field ID**	**Date**	**Lab Report Number**										
BH01	**BH01_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH01	**BH01_1.0**	**12 May 2025**	**1221381**										
BH01	**QA100**	**12 May 2025**	**1221381**										
BH02	**BH02_0.5**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH03	**BH03_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH04	**BH04_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH04	**BH04_0.5**	**12 May 2025**	**1221381**										
BH04	**BH04_1.5**	**12 May 2025**	**1221381**										
BH05	**BH05_0.5**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH06	**BH06_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH07	**BH07_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH08	**BH08_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH09	**BH09_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH10	**BH10_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
BH11	**BH11_0.1**	**12 May 2025**	**1221381**	<1	<1	<1	<1	<1	<1	<1	<1		
BH12	**BH12_0.1**	**12 May 2025**	**1221381**	<1	<1	<1	<1	<1	<1	<1	<1		
BH13	**BH13_0.1**	**12 May 2025**	**1221381**	<1	<1	<1	<1	<1	<1	<1	<1		
BH14	**BH14_0.1**	**12 May 2025**	**1221381**	<1	<1	<1	<1	<1	<1	<1	<1		
BH15	**BH15_0.3**	**12 May 2025**	**1221381**	<1	<1	<1	<1	<1	<1	<1	<1		
BH16	**BH16_0.1**	**12 May 2025**	**1221381**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
HA101	**HA101_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
HA101	**QA300**	**29 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
HA101	**QC300**	**29 May 2025**	**ES2516956**								<0.1		
HA101	**QC300**	**29 May 2025**	**ES2517149**								<0.1		
HA102	**HA102_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
HA102	**HA102_0.9**	**29 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
HA102	**QA100**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
HA102-ACM-0-0.2	**HA102-ACM-0-0.2**	**29 May 2025**	**1228331**										
HA103	**HA103_0.1**	**29 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
SP1	**SP1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP101	**TP101_0.1**	**27 May 2025**	**1228331**	<1	<1	<1	<1	<1	<1	<1	<1		
TP102	**TP102_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP103	**TP103_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP103	**TP103_0.3**	**27 May 2025**	**1228331**										
TP104	**QC100**	**27 May 2025**	**ES2517149**								<0.1		
TP104	**QC100**	**29 May 2025**	**ES2516956**								<0.1		
TP104	**TP104_0.1**	**27 May 2025**	**1228331**										
TP105	**TP105_0.1**	**27 May 2025**	**1228331**										
TP106	**TP106_0.1**	**27 May 2025**	**1228331**										
TP107	**TP107_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP108	**TP108_0.1**	**27 May 2025**	**1228331**									5.7	3.8
TP108	**TP108_0.3**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	7.5	2.7
TP108	**TP108_0.5**	**27 May 2025**	**1228331**									7.2	5.6
TP108	**TP108_1**	**27 May 2025**	**1228331**									5.0	3.5
TP109	**TP109_0.1**	**27 May 2025**	**1228331**										
TP110	**TP110_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP111	**QA102**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP111	**QC102**	**27 May 2025**	**ES2517149**								<0.1		
TP111	**TP111_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP111	**TP111_0.3**	**27 May 2025**	**1228331**										
TP112	**TP112_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	8.9	7.5
TP112	**TP112_0.3**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	5.4	4.2
TP112	**TP112_0.5**	**27 May 2025**	**1228331**									6.8	7.0
TP113	**QC301**	**29 May 2025**	**ES2516956**								<0.1		
TP113	**TP113_0.1**	**27 May 2025**	**1228331**										
TP113	**TP113_0.3**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP114	**TP114_0.1**	**27 May 2025**	**1228331**										
TP115	**TP115_0.1**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP115	**TP115_0.3**	**27 May 2025**	**1228331**										
TP115	**TP115_0.5**	**27 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		

				Polychlorinated Biphenyls								Acid Sulphate Soils	
				Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	pH (F)	pH (Fox)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH Unit	pH Unit
EQL				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Sch B1 Table 7 Asbestos HSLs													
NEPM 2013 HIL, Residential A											1		
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Sand													
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil													
PFAS NEMP 3.0 (2025) HIL B Residential with min opp for soil access													
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses													
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses													
CRCCARE 2011 Soil HSL for Direct Contact, HSL-A Residential													
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged													
NEPM 2013 ESL UR/POS, Coarse Soil													
Location Code	**Field ID**	**Date**	**Lab Report Number**										
TP116	**TP116_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP116	**TP116_0.5**	**28 May 2025**	**1228331**										
TP117	**QA200**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP117	**QC200**	**28 May 2025**	**ES2517149**								<0.1		
TP117	**QC200**	**29 May 2025**	**ES2516956**								<0.1		
TP117	**TP117_0.1**	**28 May 2025**	**1228331**										
TP117	**TP117_0.5**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP118	**TP118_0.1**	**28 May 2025**	**1228331**									7.9	4.9
TP118	**TP118_0.3**	**28 May 2025**	**1228331**									5.7	4.2
TP118	**TP118_0.5**	**28 May 2025**	**1228331**									5.5	4.1
TP118	**TP118_1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	5.7	3.4
TP118	**TP118_1.5**	**28 May 2025**	**1228331**									6.0	4.0
TP118	**TP118_2**	**28 May 2025**	**1228331**									5.8	4.1
TP119	**TP119_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP120	**TP120_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP121	**TP121_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP121	**TP121_0.3**	**28 May 2025**	**1228331**										
TP122	**TP122_0.1**	**28 May 2025**	**1228331**										
TP122	**TP122_0.3**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP122	**TP122_2.7**	**28 May 2025**	**1228331**										
TP123	**QA201**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	7.4	4.5
TP123	**QC201**	**28 May 2025**	**ES2517149**								<0.1		
TP123	**TP123_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	7.8	4.5
TP123	**TP123_0.5**	**28 May 2025**	**1228331**									5.8	3.7
TP123	**TP123_1**	**28 May 2025**	**1228331**									6.0	3.8
TP123	**TP123_1.5**	**28 May 2025**	**1228331**									6.0	4.0
TP123	**TP123_2.5**	**28 May 2025**	**1228331**									5.7	4.0
TP123	**TP123_3.5**	**28 May 2025**	**1228331**									5.6	4.1
TP124	**TP124_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP124	**TP124_0.3**	**28 May 2025**	**1228331**										
TP125	**TP125_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP125	**TP125_0.3**	**28 May 2025**	**1228331**										
TP126	**TP126_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
TP127	**TP127_0.1**	**28 May 2025**	**1228331**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		

		Halogenated Phenols								NA									Other	Pesticides by LCMSMS	
		2,3,4,6-tetrachlorophenol	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	tetrachlorophenols	Naphthalophos	Organic Nitrogen by calc.	Phosphate total (as P)	Sum of WA DWER PFAS (n=10)*	Total Halogenated Phenol*	Total Non-Halogenated Phenol*	Total Other OC VIC EPA	3/4-Methylphenol (m/p-cresol)	Acephate	Triazophos	Bensulide	Demeton-O & Demeton-S
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	MG/L	UG/L	µg/L	µg/L	µg/L	mg/L	µg/L	mg/L	µg/L	µg/L
EQL		0.1	0.1	0.1	0.05	0.05	0.05	0.05	0.5	0.001	0.2	0.01	0.01	1	10	0.01	0.0001	0.5	0.000005	0.1	0.02
NHMRC ADWG - 2022 Revision - Aesthetic				2	0.3		0.1														
ANZG (2018) Freshwater 99% toxicant DGVs		10		3	120		340	3.6													
ANZG (2018) Freshwater 95% toxicant DGVs		20		20	160		490	10													
PFAS NEMP 2.0 Table 5 Freshwater 95%																					
PFAS NEMP 2.0 Table 5 Freshwater 99%																					
ANZECC 2000 Irrigation - Short-term trigger value																					
ANZECC 2000 Irrigation - Long-term trigger value																					
NEPM 2013 GW HSL Residential A&B, for Vapour Intrusion, Sand																					
Field ID	**Date**																				
SW-01	**29 May 2025**		<0.1	<0.1	<0.05	<0.05	<0.05	<1	<0.5			0.10		<1	<10	<0.01	<0.0001				
SW-02	**29 May 2025**		<0.1	<0.1	<0.05	<0.05	<0.05	<1	<0.5			1.5		<1	<10	<0.01	<0.0001				
SW-03	**29 May 2025**		<0.1	<0.1	<0.05	<0.05	<0.05	<1	<0.5			0.12		<1	<10	<0.01	<0.0001				
QA400	**29 May 2025**		<0.1	<0.1	<0.05	<0.05	<0.05	<1	<0.5			0.08		<1	<10	<0.01	<0.0001				
QC400	**29 May 2025**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.05		<0.0010		0.31	<0.01					<0.5	<0.000005	<0.1	<0.02

		TPH					CRC Care TPH Fractions							BTEX							
		C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C6-C10	C10-C16	C16-C34	C34-C40	C10 - C40 (Sum of total)	F1: C6-C10 less BTEX	F2: >C10-C16 less NAPHTHALENE	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Total BTEX	Naphthalene (VOC)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	µg/L
EQL		20	50	100	50	50	20	50	100	100	100	20	50	1	1	1	2	1	2	1	5
NHMRC ADWG - 2022 Revision - Aesthetic															25	3			20		
ANZG (2018) Freshwater 99% toxicant DGVs														600				200			
ANZG (2018) Freshwater 95% toxicant DGVs														950				350			
PFAS NEMP 2.0 Table 5 Freshwater 95%																					
PFAS NEMP 2.0 Table 5 Freshwater 99%																					
ANZECC 2000 Irrigation - Short-term trigger value																					
ANZECC 2000 Irrigation - Long-term trigger value																					
NEPM 2013 GW HSL Residential A&B, for Vapour Intrus												1,000 | 1,000 | 1,000	1,000 | 1,000 | 1,000	800 | 800 | 900							
Field ID	**Date**																				
SW-01	**29 May 2025**	<20	150	<100	<100	150	<20	<50	<100	<100	<100	<20	<50	<1	<1	<1	<2	<1	<3		<10
SW-02	**29 May 2025**	<20	200	<100	<100	200	<20	<50	<100	<100	<100	<20	<50	<1	<1	<1	<2	<1	<3		<10
SW-03	**29 May 2025**	<20	120	<100	<100	120	<20	<50	<100	<100	<100	<20	<50	<1	<1	<1	<2	<1	<3		<10
QA400	**29 May 2025**	<20	60	100	<100	160	<20	60	200	<100	260	<20	60	<1	<1	<1	<2	<1	<3		<10
QC400	**29 May 2025**	<20	<50	<100	<50	<50	<20	<100	<100	<100	<100	<20	<100	<1	<2	<2	<2	<2	<2	<1	<5

		Metals																Inorganics					
		Arsenic	Arsenic (filtered)	Cadmium	Cadmium (filtered)	Chromium (III+VI)	Chromium (III+VI) (filtered)	Copper	Copper (filtered)	Lead	Lead (filtered)	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Zinc	Zinc (filtered)	Ammonia as N	Kjeldahl Nitrogen Total	Nitrate (as N)	Nitrite (as N)	Nitrate & Nitrite (as N)	Nitrogen (Total)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL		1	1	0.1	0.1	1	1	1	1	1	1	0.1	0.1	1	1	5	5	10	100	20	20	10	100
NHMRC ADWG - 2022 Revision - Aesthetic								1,000	1,000							3,000	3,000						
ANZG (2018) Freshwater 99% toxicant DGVs				0.06	0.06			1	1	1	1	0.06	0.06	8	8	2.4	2.4	320					
ANZG (2018) Freshwater 95% toxicant DGVs				0.2	0.2			1.4	1.4	3.4	3.4	0.6	0.6	11	11	8	8	900					
PFAS NEMP 2.0 Table 5 Freshwater 95%																							
PFAS NEMP 2.0 Table 5 Freshwater 99%																							
ANZECC 2000 Irrigation - Short-term trigger value		2,000	2,000	50	50	1,000	1,000	5,000	5,000	5,000	5,000	2	2	2,000	2,000	5,000	5,000						25,000
ANZECC 2000 Irrigation - Long-term trigger value		100	100	10	10	100	100	200	200	2,000	2,000	2	2	200	200	2,000	2,000						5,000
NEPM 2013 GW HSL Residential A&B, for Vapour Intrus																							
Field ID	**Date**																						
SW-01	**29 May 2025**	1	<1	<0.2	<0.2	2	2	7	3	<1	<1	<0.1	<0.1	<1	2	18	9	<10	1,100	1,100	<20	1,100	2,200
SW-02	**29 May 2025**	5	1	0.3	<0.2	20	2	150	4	31	<1	<0.1	<0.1	9	1	810	8	10	8,300	3,500	<20	3,600	12,000
SW-03	**29 May 2025**	2	1	<0.2	<0.2	3	2	19	11	<1	<1	<0.1	<0.1	4	4	20	11	110	800	1,400	40	1,400	2,200
QA400	**29 May 2025**	1	<1	<0.2	<0.2	2	2	6	3	<1	<1	<0.1	<0.1	<1	<1	16	10	20	<200	1,000	<20	1,000	1,000
QC400	**29 May 2025**	<1	<1	<0.1	<0.1	<1	<1	6	1	<1	<1	<0.1	<0.1	<1	<1	14	6	20	1,200			1,000	2,200

		Organic		PAH																	
		Sum of US EPA PFAS (PFOS + PFOA)*	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Naphthalene	2-methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(k)fluoranthene	Benzo(b+j)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-c,d)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene	Benzo(a)pyrene TEQ (Zero LOR)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
EQL		0.01	0.01	0.01	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00001	0.01	0.01	0.01	0.05
NHMRC ADWG - 2022 Revision - Aesthetic																					
ANZG (2018) Freshwater 99% toxicant DGVs				2.5																	
ANZG (2018) Freshwater 95% toxicant DGVs				16																	
PFAS NEMP 2.0 Table 5 Freshwater 95%																					
PFAS NEMP 2.0 Table 5 Freshwater 99%																					
ANZECC 2000 Irrigation - Short-term trigger value																					
ANZECC 2000 Irrigation - Long-term trigger value																					
NEPM 2013 GW HSL Residential A&B, for Vapour Intrus																					
Field ID	**Date**																				
SW-01	**29 May 2025**	<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	<0.00001	<0.01	<0.01	<0.01	
SW-02	**29 May 2025**	<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	<0.00001	<0.01	<0.01	<0.01	
SW-03	**29 May 2025**	0.09	0.13	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.00001	<0.01	<0.01	<0.01	
QA400	**29 May 2025**	<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	<0.00001	<0.01	<0.01	<0.01	
QC400	**29 May 2025**			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.00005	<0.1	<0.1	<0.1	<0.05

		PAH				Phenols											Organochlorine Pesticides					
		PAHs (Sum of total)	3-methylcholanthrene	7,12-dimethylbenz(a)anthracene	Benzo(e)pyrene	2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	3-Methylphenol	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexyl phenol	4-chloro-3-methylphenol	4-methylphenol	4-nitrophenol	Phenol	Organochlorine pesticides IWRG621	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	ug/L	µg/L	µg/L	µg/L	ug/L	µg/L	ug/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL		0.01	0.1	0.1	0.1	0.05	0.5	0.05	0.1	0.1	0.5	10	0.05	0.1	0.1	0.05	0.01	0.01	0.01	0.01	0.01	0.01
NHMRC ADWG - 2022 Revision - Aesthetic																						
ANZG (2018) Freshwater 99% toxicant DGVs							13									85						
ANZG (2018) Freshwater 95% toxicant DGVs							45									320						
PFAS NEMP 2.0 Table 5 Freshwater 95%																						
PFAS NEMP 2.0 Table 5 Freshwater 99%																						
ANZECC 2000 Irrigation - Short-term trigger value																						
ANZECC 2000 Irrigation - Long-term trigger value																						
NEPM 2013 GW HSL Residential A&B, for Vapour Intrus																						
Field ID	**Date**																					
SW-01	**29 May 2025**	<0.01				<0.05	<0.5	<0.05	<0.1		<0.5	<10	<0.1		<0.5	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SW-02	**29 May 2025**	<0.01				<0.05	<0.5	<0.05	<0.1		<0.5	<10	<0.1		<0.5	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SW-03	**29 May 2025**	<0.01				<0.05	<0.5	<0.05	<0.1		<0.5	<10	<0.1		<0.5	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
QA400	**29 May 2025**	<0.01				<0.05	<0.5	<0.05	<0.1		<0.5	<10	<0.1		<0.5	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
QC400	**29 May 2025**	<0.05	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	<0.1			<0.05	<0.1	<0.1	<0.1		<0.010	<0.010	<0.010		<0.010

		Organochlorine Pesticides																					
		Chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Methoxychlor	Oxychlordane	Toxaphene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L
EQL		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	0.005	0.01	0.01	0.01	0.00001	0.002
NHMRC ADWG - 2022 Revision - Aesthetic																							
ANZG (2018) Freshwater 99% toxicant DGVs		0.03					0.006			0.03				0.01			0.07	0.01					0.0001
ANZG (2018) Freshwater 95% toxicant DGVs		0.08					0.01			0.2				0.02			0.2	0.09					0.0002
PFAS NEMP 2.0 Table 5 Freshwater 95%																							
PFAS NEMP 2.0 Table 5 Freshwater 99%																							
ANZECC 2000 Irrigation - Short-term trigger value																							
ANZECC 2000 Irrigation - Long-term trigger value																							
NEPM 2013 GW HSL Residential A&B, for Vapour Intrus																							
Field ID	**Date**																						
SW-01	**29 May 2025**	<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		<0.002
SW-02	**29 May 2025**	<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		<0.002
SW-03	**29 May 2025**	<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		<0.002
QA400	**29 May 2025**	<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		<0.002
QC400	**29 May 2025**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.005	<0.010	<0.010	<0.010	<0.000010	

		Organophosphorous Pesticides																					
		Azinophos methyl	Bolstar (Sulprofos)	Bromophos-ethyl	Carbophenothion	Azinphos Ethyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
EQL		0.02	0.05	0.1	0.02	0.02	0.02	0.02	0.2	0.01	0.02	0.02	0.01	0.2	0.02	0.05	0.02	0.01	1	0.01	0.05	0.02	0.001
NHMRC ADWG - 2022 Revision - Aesthetic																							
ANZG (2018) Freshwater 99% toxicant DGVs		0.01						0.00004					0.00003		0.1				0.1			0.002	
ANZG (2018) Freshwater 95% toxicant DGVs		0.02						0.01					0.01		0.15				0.2			0.05	
PFAS NEMP 2.0 Table 5 Freshwater 95%																							
PFAS NEMP 2.0 Table 5 Freshwater 99%																							
ANZECC 2000 Irrigation - Short-term trigger value																							
ANZECC 2000 Irrigation - Long-term trigger value																							
NEPM 2013 GW HSL Residential A&B, for Vapour Intrus																							
Field ID	**Date**																						
SW-01	**29 May 2025**	<1	<1				<1	<10	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.001
SW-02	**29 May 2025**	<1	<1				<1	<10	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.001
SW-03	**29 May 2025**	<1	<1				<1	<10	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.001
QA400	**29 May 2025**	<1	<1				<1	<10	<1	<10	<1	<10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.001
QC400	**29 May 2025**	<0.02	<0.05	<0.10	<0.02	<0.02	<0.02	<0.02	<0.2	<0.01	<0.02	<0.02	<0.01	<0.20	<0.02	<0.05	<0.02	<0.01	<2	<0.01	<0.05	<0.02	

		Organophosphorous Pesticides														Fungicides	Herbicides	Insecticides	Pesticides			
		Methidathion	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Prothiofos	Pyrazophos	Ronnel	Terbufos	Thiometon	Trichloronate	Tetrachlorvinphos	Fosetyl-al	Dinoseb	Tokuthion	Demeton-S-methyl	Fenamiphos	Formothion	Parathion
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL		0.1	0.5	0.02	0.02	1	0.01	0.1	0.1	0.1	1	0.01	0.5	0.5	0.00001	10	10	1	0.02	0.01	20	0.2
NHMRC ADWG - 2022 Revision - Aesthetic																						
ANZG (2018) Freshwater 99% toxicant DGVs																						0.0007
ANZG (2018) Freshwater 95% toxicant DGVs																						0.004
PFAS NEMP 2.0 Table 5 Freshwater 95%																						
PFAS NEMP 2.0 Table 5 Freshwater 99%																						
ANZECC 2000 Irrigation - Short-term trigger value																						
ANZECC 2000 Irrigation - Long-term trigger value																						
NEPM 2013 GW HSL Residential A&B, for Vapour Intrus																						
Field ID	**Date**																					
SW-01	**29 May 2025**		<1	<1	<1	<1	<1	<1		<1	<1	<1		<1	<0.001		<10	<1				<1
SW-02	**29 May 2025**		<1	<1	<1	<1	<1	<1		<1	<1	<1		<1	<0.001		<10	<1				<1
SW-03	**29 May 2025**		<1	<1	<1	<1	<1	<1		<1	<1	<1		<1	<0.001		<10	<1				<1
QA400	**29 May 2025**		<1	<1	<1	<1	<1	<1		<1	<1	<1		<1	<0.001		<10	<1				<1
QC400	**29 May 2025**	<0.1	<0.5	<0.02	<0.02		<0.01	<0.1	<0.1	<0.1	<10	<0.01	<0.5	<0.5	<0.00001	<10			<0.02	<0.01	<20	<0.2

		Pesticides						Polychlorinated Biphenyls								SVOCs				
		Pirimiphos-methyl	Pirimphos-ethyl	Profenofos	Sulfotepp	Temephos	Trichlorfon	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	2-(acetylamino) fluorene	Coronene	EPN	Hexachlorophene	Perylene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL		0.01	0.01	0.01	0.005	0.02	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.1
NHMRC ADWG - 2022 Revision - Aesthetic																				
ANZG (2018) Freshwater 99% toxicant DGVs											0.3		0.01							
ANZG (2018) Freshwater 95% toxicant DGVs											0.6		0.03							
PFAS NEMP 2.0 Table 5 Freshwater 95%																				
PFAS NEMP 2.0 Table 5 Freshwater 99%																				
ANZECC 2000 Irrigation - Short-term trigger value																				
ANZECC 2000 Irrigation - Long-term trigger value																				
NEPM 2013 GW HSL Residential A&B, for Vapour Intrus																				
Field ID	**Date**																			
SW-01	**29 May 2025**	<10						<1	<1	<1	<1	<1	<1	<1	<1			<1		
SW-02	**29 May 2025**	<10						<1	<1	<1	<1	<1	<1	<1	<1			<1		
SW-03	**29 May 2025**	<10						<1	<1	<1	<1	<1	<1	<1	<1			<1		
QA400	**29 May 2025**	<10						<1	<1	<1	<1	<1	<1	<1	<1			<1		
QC400	**29 May 2025**	<0.01	<0.01	<0.01	<0.005	<0.02	<0.02	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1	<0.1	<0.05	<0.1	<0.1

		Perfluorocarbons												
		Perfluorobutane sulfonic acid (PFBS)	8:2 Fluorotelomer sulfonate	Perfluoroheptanoic acid (PFHpA)	Perfluorohexanoic acid (PFHxA)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)	Perfluorobutanoic acid (PFBA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorooctane sulfonic acid (PFOS)	Perfluoropentanoic acid (PFPeA)	Sum of PFHxS and PFOS	6:2 Fluorotelomer Sulfonate (6:2 FtS)	Perfluorooctanoate (PFOA)
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL		0.02	0.05	0.02	0.02	0.05	0.05	0.1	0.01	0.01	0.02	0.01	0.05	0.01
NHMRC ADWG - 2022 Revision - Aesthetic														
ANZG (2018) Freshwater 99% toxicant DGVs														
ANZG (2018) Freshwater 95% toxicant DGVs														
PFAS NEMP 2.0 Table 5 Freshwater 95%										0.13				220
PFAS NEMP 2.0 Table 5 Freshwater 99%										0.00023				19
ANZECC 2000 Irrigation - Short-term trigger value														
ANZECC 2000 Irrigation - Long-term trigger value														
NEPM 2013 GW HSL Residential A&B, for Vapour Intrus														
Field ID	**Date**													
SW-01	**29 May 2025**								<0.01	<0.01		<0.01	<0.05	<0.01
SW-02	**29 May 2025**								<0.01	<0.01		<0.01	<0.05	<0.01
SW-03	**29 May 2025**								0.04	0.09		0.13	<0.05	<0.01
QA400	**29 May 2025**								<0.01	<0.01		<0.01	<0.05	<0.01
QC400	**29 May 2025**	<0.02	<0.05	<0.02	<0.02	<0.05	<0.05	<0.1	<0.01	<0.01	<0.02	<0.01	<0.05	<0.01

	BTEX														Metals							
	Benzene		Toluene		Ethylbenzene		Xylene (m & p)		Xylene (o)		Xylene Total		Naphthalene (VOC)	Naphthalene (VOC)	Arsenic		Cadmium		Chromium (III+VI)		Copper	
	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	ug/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL	0.1	1	0.1	1	0.1	1	0.2	2	0.1	1	0.3	3	0.5	10	2	1	0.4	0.2	5	1	5	1
ANZG (2018) Sediment Quality Guidelines (DGV)															20		1.5		80		65	
ANZG (2018) Sediment Quality Guidelines (GV-high)															70		10		370		270	
NEPM 2013 HIL, Residential A															100		20				6,000	
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay	0.7 | 1 | 2 | 3		480								110 | 310											
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																						
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																						
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																						
NEPM 2013 ESL UR/POS, Coarse Soil	50		85		70						105											
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged															100				190		60	
Field ID	**Date**																					
SED-1	**29 May 2025**	<0.1		<0.1		<0.1		<0.2		<0.1		<0.3		<0.5		4.6		<0.4		5.9		120	
SED-2	**29 May 2025**	<0.1		<0.1		<0.1		<0.2		<0.1		<0.3		<0.5		4.5		<0.4		11		100	
SED-3	**29 May 2025**	<0.1		<0.1		<0.1		<0.2		<0.1		<0.3		<0.5		2.9		<0.4		64		120	

		Metals								Acid Sulphate Soils	Halogenated Phenols													
		Lead		Mercury		Nickel		Zinc	Zinc	Reaction Rate_	2,4,5-trichlorophenol		2,4,6-trichlorophenol		2,4-dichlorophenol		2,6-dichlorophenol		2-chlorophenol		Pentachlorophenol		tetrachlorophenols	tetrachlorophenols
		mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	-	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		5	1	0.1	0.1	5	1	5	5	0	1	10	1	10	0.5	3	0.5	3	0.5	3	1	10	10	30
ANZG (2018) Sediment Quality Guidelines (DGV)		50		0.15		21		200																
ANZG (2018) Sediment Quality Guidelines (GV-high)		220		1		52		410																
NEPM 2013 HIL, Residential A		300		40		400		7,400													100			
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay																								
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																								
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																								
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																								
NEPM 2013 ESL UR/POS, Coarse Soil																								
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged		1,100				30		70																
Field ID	**Date**																							
SED-1	**29 May 2025**	15		<0.1		<5		110			<1		<1		<0.5		<0.5		<0.5		<1		<10	
SED-2	**29 May 2025**	15		0.1		5.4		400			<1		<1		<0.5		<0.5		<0.5		<1		<10	
SED-3	**29 May 2025**	7.6		<0.1		28		97			<1		<1		<0.5		<0.5		<0.5		<1		<10	

		NA								TPH									
		Asbestos ID in materials	Total Halogenated Phenol*		Total Non-Halogenated Phenol*		Total Other OC VIC EPA	3/4-Methylphenol (m/p-cresol)	3/4-Methylphenol (m/p-cresol)	C6 - C9		C10 - C14		C15 - C28		C29-C36		+C10 - C36 (Sum of total)	+C10 - C36 (Sum of total)
		% w/w	mg/kg	µg/L	mg/kg	µg/L	µg/L	mg/kg	mg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL			1	10	20	100	2	0.4	0.006	20	20	20	50	50	100	50	100	50	100
ANZG (2018) Sediment Quality Guidelines (DGV)																			
ANZG (2018) Sediment Quality Guidelines (GV-high)																			
NEPM 2013 HIL, Residential A																			
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay																			
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																			
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																			
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																			
NEPM 2013 ESL UR/POS, Coarse Soil												120							
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																			
Field ID	**Date**																		
SED-1	**29 May 2025**		<1		<20		<100	<0.4		<20		<20		<50		63		63	
SED-2	**29 May 2025**		<1		<20		<100	2.6		<20		<20		72		92		164	
SED-3	**29 May 2025**		<1		<20		<1,000	<1		<20		<20		<50		<50		<50	

		CRC Care TPH Fractions								CRC Care TPH Fractions						Inorganics	PAH					
		C6-C10		C10-C16		C16-C34		C34-C40		C10 - C40 (Sum of total)		F1: C6-C10 less BTEX		F2: >C10-C16 less NAPHTHALENE	F2: >C10-C16 less NAPHTHALENE	Moisture Content (dried @ 103°C)	Naphthalene		Acenaphthylene		Acenaphthene	
		mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	%	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		20	20	50	50	100	100	100	100	100	100	20	20	50	50	1	0.5	1	0.5	1	0.5	1
ANZG (2018) Sediment Quality Guidelines (DGV)																						
ANZG (2018) Sediment Quality Guidelines (GV-high)																						
NEPM 2013 HIL, Residential A																						
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay												50 | 90 | 150 | 290		280			5					
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																						
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																						
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																						
NEPM 2013 ESL UR/POS, Coarse Soil				120		300		2,800				180										
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																	170					
Field ID	**Date**																					
SED-1	**29 May 2025**	<20		<50		<100		<100		<100		<20		<50		56	<0.5		<0.5		<0.5	
SED-2	**29 May 2025**	<20		<50		160		<100		160		<20		<50		78	<0.5		<0.5		<0.5	
SED-3	**29 May 2025**	<20		<50		<100		<100		<100		<20		<50		13	<0.5		<0.5		<0.5	

		PAH																					
		Fluorene		Phenanthrene		Anthracene		Fluoranthene		Pyrene		Benz(a)anthracene		Chrysene		Benzo(k)fluoranthene		Benzo(b+j)fluoranthene		Benzo(a)pyrene		Indeno(1,2,3-c,d)pyrene	
		mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/L	mg/kg	µg/L
EQL		0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	0.001	0.5	1
ANZG (2018) Sediment Quality Guidelines (DGV)																							
ANZG (2018) Sediment Quality Guidelines (GV-high)																							
NEPM 2013 HIL, Residential A																							
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay																							
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																							
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																							
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																							
NEPM 2013 ESL UR/POS, Coarse Soil																				0.7			
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																							
Field ID	**Date**																						
SED-1	**29 May 2025**	<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5	
SED-2	**29 May 2025**	<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5	
SED-3	**29 May 2025**	<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5	

		PAH									Phenols											
		Dibenzo(a,h)anthracene		Benzo(g,h,i)perylene		Benzo(a)pyrene TEQ (Zero LOR)	Benzo(a)pyrene TEQ (Half LOR)_1	Benzo(a)pyrene TEQ (Full LOR)	PAHs (Sum of total)	PAHs (Sum of total)	2,4-dimethylphenol		2,4-dinitrophenol		2-methylphenol		2-nitrophenol		4,6-Dinitro-2-methylphenol		4,6-Dinitro-o-cyclohexyl phenol	
		mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	ug/L	mg/kg	µg/L
EQL		0.5	1	0.5	1	0.5	0.5	0.5	0.5	1	0.5	3	5	30	0.2	3	1	10	5	30	20	100
ANZG (2018) Sediment Quality Guidelines (DGV)									10													
ANZG (2018) Sediment Quality Guidelines (GV-high)									50													
NEPM 2013 HIL, Residential A						3	3	3	300													
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay																						
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																						
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																						
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																						
NEPM 2013 ESL UR/POS, Coarse Soil																						
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																						
Field ID	**Date**																					
SED-1	**29 May 2025**	<0.5		<0.5		<0.5	0.6	1.2	<0.5		<0.5		<5		<0.2		<1		<5		<20	
SED-2	**29 May 2025**	<0.5		<0.5		<0.5	0.6	1.2	<0.5		<0.5		<5		<0.2		<1		<5		<20	
SED-3	**29 May 2025**	<0.5		<0.5		<0.5	0.6	1.2	<0.5		<0.5		<5		<0.5		<1		<5		<20	

		Phenols								Organochlorine Pesticides											
		4-chloro-3-methylphenol		4-nitrophenol		Cresol (Total)		Phenol	Phenol	Organochlorine pesticides IWRG621		4,4-DDE		a-BHC		Aldrin		Aldrin + Dieldrin		b-BHC	
		mg/kg	µg/L	mg/kg	ug/L	mg/kg	mg/L	mg/kg	µg/L	mg/kg	ug/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		1	10	5	30	0.5	0.01	0.5	3	0.1	2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2
ANZG (2018) Sediment Quality Guidelines (DGV)																					
ANZG (2018) Sediment Quality Guidelines (GV-high)																					
NEPM 2013 HIL, Residential A						400		3,000										6			
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay																					
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																					
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																					
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																					
NEPM 2013 ESL UR/POS, Coarse Soil																					
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																					
Field ID	**Date**																				
SED-1	**29 May 2025**	<1		<5		<0.5		<0.5		<0.1		<0.05		<0.05		<0.05		<0.05		<0.05	
SED-2	**29 May 2025**	<1		<5		2.6		<0.5		<0.1		<0.05		<0.05		<0.05		<0.05		<0.05	
SED-3	**29 May 2025**	<1		<5		<1		<0.5		<1		<0.5		<0.5		<0.5		<0.5		<0.5	

		Organochlorine Pesticides																			
		Chlordane		d-BHC		DDD		DDT		DDT+DDE+DDD		Dieldrin		Endosulfan I		Endosulfan II		Endosulfan sulphate		Endrin	
		mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		0.1	2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2
ANZG (2018) Sediment Quality Guidelines (DGV)		0.0045				0.0014						0.0028								0.0027	
ANZG (2018) Sediment Quality Guidelines (GV-high)		0.009				0.007						0.007								0.06	
NEPM 2013 HIL, Residential A		50								240										10	
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay																					
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																					
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																					
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																					
NEPM 2013 ESL UR/POS, Coarse Soil																					
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged								180													
Field ID	**Date**																				
SED-1	**29 May 2025**	<0.1		<0.05		<0.05		<0.05		<0.05		<0.05		<0.05		<0.05		<0.05		<0.05	
SED-2	**29 May 2025**	<0.1		<0.05		<0.05		<0.05		<0.05		<0.05		<0.05		<0.05		<0.05		<0.05	
SED-3	**29 May 2025**	<1		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5	

		Organochlorine Pesticides																Organophosphorous Pesticides					
		Endrin aldehyde		Endrin ketone		g-BHC (Lindane)		Heptachlor		Heptachlor epoxide		Hexachlorobenzene		Methoxychlor		Toxaphene	Toxaphene	Azinophos methyl		Bolstar (Sulprofos)		Chlorfenvinphos	
		mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2	0.05	0.2	0.5	0.005	0.2	2	0.2	2	0.2	20
ANZG (2018) Sediment Quality Guidelines (DGV)																							
ANZG (2018) Sediment Quality Guidelines (GV-high)																							
NEPM 2013 HIL, Residential A								6				10		300		20							
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay																							
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																							
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																							
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																							
NEPM 2013 ESL UR/POS, Coarse Soil																							
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																							
Field ID	**Date**																						
SED-1	**29 May 2025**	<0.05		<0.05		<0.05		<0.05		<0.05		<0.05		<0.05		<0.5		<0.2		<0.2		<0.2	
SED-2	**29 May 2025**	<0.05		<0.05		<0.05		<0.05		<0.05		<0.05		<0.05		<0.5		<0.2		<0.2		<0.2	
SED-3	**29 May 2025**	<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<10		<0.5		<0.5		<0.5	

	Organophosphorous Pesticides																							
	Chlorpyrifos		Chlorpyrifos-methyl		Coumaphos		Demeton-O		Demeton-S		Diazinon		Dichlorvos		Dimethoate		Disulfoton		Ethion		Ethoprop		Fenitrothion	
	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL	0.2	2	0.2	2	2	20	0.2	2	0.2	2	0.2	2	0.2	2	0.2	2	0.2	2	0.2	2	0.2	2	0.2	2
ANZG (2018) Sediment Quality Guidelines (DGV)																								
ANZG (2018) Sediment Quality Guidelines (GV-high)																								
NEPM 2013 HIL, Residential A	160																							
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay																								
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																								
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																								
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																								
NEPM 2013 ESL UR/POS, Coarse Soil																								
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																								
Field ID	**Date**																							
SED-1	**29 May 2025**	<0.2		<0.2		<2		<0.2		<0.2		<0.2		<0.2		<0.2		<0.2		<0.2		<0.2		<0.2	
SED-2	**29 May 2025**	<0.2		<0.2		<2		<0.2		<0.2		<0.2		<0.2		<0.2		<0.2		<0.2		<0.2		<0.2	
SED-3	**29 May 2025**	<0.5		<0.5		<5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<0.5	

		Organophosphorous Pesticides																							
		Fensulfothion		Fenthion		Malathion		Merphos		Methyl parathion		Mevinphos (Phosdrin)		Monocrotophos		Naled (Dibrom)		Omethoate		Phorate		Pyrazophos		Ronnel	
		mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		0.2	2	0.2	2	0.2	2	0.2	0.002	0.2	2	0.2	2	2	2	0.2	2	2	20	0.2	2	0.2	2	0.2	2
ANZG (2018) Sediment Quality Guidelines (DGV)																									
ANZG (2018) Sediment Quality Guidelines (GV-high)																									
NEPM 2013 HIL, Residential A																									
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay																									
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																									
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																									
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																									
NEPM 2013 ESL UR/POS, Coarse Soil																									
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																									
Field ID	**Date**																								
SED-1	**29 May 2025**	<0.2		<0.2		<0.2		<0.2		<0.2		<0.2		<2		<0.2		<2		<0.2		<0.2		<0.2	
SED-2	**29 May 2025**	<0.2		<0.2		<0.2		<0.2		<0.2		<0.2		<2		<0.2		<2		<0.2		<0.2		<0.2	
SED-3	**29 May 2025**	<0.5		<0.5		<0.5		<0.5		<0.5		<0.5		<5		<0.5		<5		<0.5		<0.5		<0.5	

		Organophosphorous Pesticides						Herbicides		Insecticides		Pesticides			
		Terbufos		Trichloronate		Tetrachlorvinphos	Tetrachlorvinphos	Dinoseb	Dinoseb	Tokuthion	Tokuthion	Parathion		Pirimiphos-methyl	Pirimiphos-methyl
		mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		0.2	2	0.2	2	0.2	0.002	20	100	0.2	2	0.2	2	0.2	20
ANZG (2018) Sediment Quality Guidelines (DGV)															
ANZG (2018) Sediment Quality Guidelines (GV-high)															
NEPM 2013 HIL, Residential A															
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay															
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil															
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses															
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses															
NEPM 2013 ESL UR/POS, Coarse Soil															
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged															
Field ID	**Date**														
SED-1	**29 May 2025**	<0.2		<0.2		<0.2		<20		<0.2		<0.2		<0.2	
SED-2	**29 May 2025**	<0.2		<0.2		<0.2		<20		<0.2		<0.2		<0.2	
SED-3	**29 May 2025**	<0.5		<0.5		<0.5		<20		<0.5		<0.5		<0.5	

		Polychlorinated Biphenyls																SVOCs	
		Arochlor 1016		Arochlor 1221		Arochlor 1232		Arochlor 1242		Arochlor 1248		Arochlor 1254		Arochlor 1260		PCBs (Sum of total)	PCBs (Sum of total)	EPN	EPN
		mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		0.1	5	0.1	5	0.1	5	0.1	5	0.1	5	0.1	5	0.1	5	0.1	5	0.2	2
ANZG (2018) Sediment Quality Guidelines (DGV)																0.034			
ANZG (2018) Sediment Quality Guidelines (GV-high)																0.28			
NEPM 2013 HIL, Residential A																1			
NEPM 2013 Soil HSL Residential A&B, for Vapour Intrusion, Clay																			
PFAS NEMP 3.0 (2025) HIL A Residential with garden/accessible soil																			
PFAS NEMP 3.0 (2025) Interim ecological direct exposure - all land uses																			
PFAS NEMP 3.0 (2025) Interim ecological indirect exposure – all land uses																			
NEPM 2013 ESL UR/POS, Coarse Soil																			
NEPM 2013 EIL UR/POS, low pH, CEC, clay content - aged																			
Field ID	**Date**																		
SED-1	**29 May 2025**	<0.1		<0.1		<0.1		<0.1		<0.1		<0.1		<0.1		<0.1		<0.2	
SED-2	**29 May 2025**	<0.1		<0.1		<0.1		<0.1		<0.1		<0.1		<0.1		<0.1		<0.2	
SED-3	**29 May 2025**	<1		<1		<1		<1		<1		<1		<1		<1		<0.5	

Appendix D – QAQC

		Lab Report Number	1228331	1228331		1228331	ES2517149		1228331	1228331		1228331	ES2517149		1228331	1228331	
		Field ID	TP104_0.1	QA100		TP104_0.1	QC100		TP111_0.1	QA102		TP111_0.1	QC102		HA101_0.1	QA300	
		Matrix Type	Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil	
		Date	27 May 2025	27 May 2025	RPD	27 May 2025	27 May 2025	RPD	27 May 2025	27 May 2025	RPD	27 May 2025	27 May 2025	RPD	28 May 2025	29 May 2025	RPD
	Unit	EQL															
Halogenated Phenols																	
2,4,5-trichlorophenol	mg/kg	0.5		<1			<0.5		<1	<1	0	<1	<0.5	0	<1	<1	0
2,4,6-trichlorophenol	mg/kg	0.5		<1			<0.5		<1	<1	0	<1	<0.5	0	<1	<1	0
2,4-dichlorophenol	mg/kg	0.5		<0.5			<0.5		<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
2,6-dichlorophenol	mg/kg	0.5		<0.5			<0.5		<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
2-chlorophenol	mg/kg	0.5		<0.5			<0.5		<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Pentachlorophenol	mg/kg	1		<1			<2		<1	<1	0	<1	<2	0	<1	<1	0
tetrachlorophenols	mg/kg	10		<10					<10	<10	0	<10			<10	<10	0
TPH																	
C6 - C9	mg/kg	10	<20	<20	0	<20	<10	0	<20	<20	0	<20	<10	0	<20	<20	0
C10 - C14	mg/kg	20	<20	<20	0	<20	<50	0	<20	<20	0	<20	<50	0	<20	<20	0
C15 - C28	mg/kg	50	<50	<50	0	<50	<100	0	54	<50	8	54	<100	0	<50	<50	0
C29-C36	mg/kg	50	<50	<50	0	<50	<100	0	55	52	6	55	<100	0	55	66	18
+C10 - C36 (Sum of total)	mg/kg	50	<50	<50	0	<50	<50	0	109	52	71	109	<50	74	55	66	18
CRC Care TPH Fractions																	
C6-C10	mg/kg	10	<20	<20	0	<20	<10	0	<20	<20	0	<20	<10	0	<20	<20	0
C10-C16	mg/kg	50	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0
C16-C34	mg/kg	100	<100	<100	0	<100	<100	0	<100	<100	0	<100	<100	0	<100	<100	0
C34-C40	mg/kg	100	<100	<100	0	<100	<100	0	<100	<100	0	<100	<100	0	<100	<100	0
C10 - C40 (Sum of total)	mg/kg	50	<100	<100	0	<100	<50	0	<100	<100	0	<100	<50	0	<100	<100	0
F1: C6-C10 less BTEX	mg/kg	10	<20	<20	0	<20	<10	0	<20	<20	0	<20	<10	0	<20	<20	0
F2: >C10-C16 less NAPHTHALENE	mg/kg	50	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0
BTEX																	
Benzene	mg/kg	0.1	<0.1	<0.1	0	<0.1	<0.2	0	<0.1	<0.1	0	<0.1	<0.2	0	<0.1	<0.1	0
Toluene	mg/kg	0.1	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0
Ethylbenzene	mg/kg	0.1	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0
Xylene (m & p)	mg/kg	0.2	<0.2	<0.2	0	<0.2	<0.5	0	<0.2	<0.2	0	<0.2	<0.5	0	<0.2	<0.2	0
Xylene (o)	mg/kg	0.1	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0
Xylene Total	mg/kg	0.3	<0.3	<0.3	0	<0.3	<0.5	0	<0.3	<0.3	0	<0.3	<0.5	0	<0.3	<0.3	0
Total BTEX	mg/kg	0.2					<0.2						<0.2				
Naphthalene (VOC)	mg/kg	0.5	<0.5	<0.5	0	<0.5	<1	0	<0.5	<0.5	0	<0.5	<1	0	<0.5	<0.5	0
Metals																	
Arsenic	mg/kg	2	2.4	2.2	9	2.4	<5	0	4.5	7.1	**45**	4.5	<5	0	2.3	2.4	4
Cadmium	mg/kg	0.4	<0.4	<0.4	0	<0.4	<1	0	<0.4	<0.4	0	<0.4	<1	0	<0.4	<0.4	0
Chromium (III+VI)	mg/kg	2	<5	<5	0	<5	4	0	12	19	**45**	12	13	8	7.7	7.8	1
Copper	mg/kg	5	75	73	3	75	78	4	37	42	13	37	31	18	34	34	0
Lead	mg/kg	5	31	30	3	31	40	25	15	24	**46**	15	17	12	22	23	4
Mercury	mg/kg	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
Nickel	mg/kg	2	<5	<5	0	<5	<2	0	20	22	10	20	15	29	<5	<5	0
Zinc	mg/kg	5	81	75	8	81	86	6	60	78	26	60	79	27	57	67	16
pH																	
pH (Fox)	pH Unit	0.1															
pH (F)	pH Unit	0.1															
Organic																	
Sum of US EPA PFAS (PFOS + PFOA)*	UG/KG	5	<5	<5	0	<5			<5	<5	0	<5			<5	<5	0
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	UG/KG	5	<5	<5	0	<5			<5	<5	0	<5			<5	<5	0

		Lab Report Number	1228331	1228331		1228331	ES2517149		1228331	1228331		1228331	ES2517149		1228331	1228331	
		Field ID	TP104_0.1	QA100		TP104_0.1	QC100		TP111_0.1	QA102		TP111_0.1	QC102		HA101_0.1	QA300	
		Matrix Type	Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil	
		Date	27 May 2025	27 May 2025	RPD	27 May 2025	27 May 2025	RPD	27 May 2025	27 May 2025	RPD	27 May 2025	27 May 2025	RPD	28 May 2025	29 May 2025	RPD
	Unit	EQL															
PAH																	
Naphthalene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Acenaphthylene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Acenaphthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Fluorene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Phenanthrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Anthracene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Fluoranthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Pyrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benz(a)anthracene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Chrysene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(k)fluoranthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(b+j)fluoranthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(a)pyrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Dibenzo(a,h)anthracene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(g,h,i)perylene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(a)pyrene TEQ (Zero LOR)	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(a)pyrene TEQ (Half LOR)_1	mg/kg	0.5	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0
Benzo(a)pyrene TEQ (Full LOR)	mg/kg	0.5	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0
PAHs (Sum of total)	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Phenols																	
2,4-dimethylphenol	mg/kg	0.5		<0.5			<0.5		<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
2,4-dinitrophenol	mg/kg	5		<5					<5	<5	0	<5			<5	<5	0
2-methylphenol	mg/kg	0.2		<0.2			<0.5		<0.2	<0.2	0	<0.2	<0.5	0	<0.2	<0.2	0
2-nitrophenol	mg/kg	0.5		<1			<0.5		<1	<1	0	<1	<0.5	0	<1	<1	0
4,6-Dinitro-2-methylphenol	mg/kg	5		<5					<5	<5	0	<5			<5	<5	0
4,6-Dinitro-o-cyclohexyl phenol	mg/kg	20		<20					<20	<20	0	<20			<20	<20	0
4-chloro-3-methylphenol	mg/kg	0.5		<1			<0.5		<1	<1	0	<1	<0.5	0	<1	<1	0
4-nitrophenol	mg/kg	5		<5					<5	<5	0	<5			<5	<5	0
Cresol (Total)	mg/kg	0.5		<0.5					<0.5	<0.5	0	<0.5			<0.5	<0.5	0
Phenol	mg/kg	0.5		<0.5			<0.5		<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Organochlorine Pesticides																	
Organochlorine pesticides IWRG621	mg/kg	0.1	<0.1	<0.1	0	<0.1			<0.1	<0.1	0	<0.1			<0.1	<0.1	0
4,4-DDE	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
a-BHC	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Aldrin	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Aldrin + Dieldrin	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
b-BHC	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Chlordane	mg/kg	0.05	<0.1	<0.1	0	<0.1	<0.05	0	<0.1	<0.1	0	<0.1	<0.05	0	<0.1	<0.1	0
Chlordane (cis)	mg/kg	0.05					<0.05						<0.05				
Chlordane (trans)	mg/kg	0.05					<0.05						<0.05				
d-BHC	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
DDD	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
DDT	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.2	0	<0.05	<0.05	0	<0.05	<0.2	0	<0.05	<0.05	0
DDT+DDE+DDD	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Dieldrin	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endosulfan	mg/kg	0.05					<0.05						<0.05				
Endosulfan I	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endosulfan II	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endosulfan sulphate	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endrin	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endrin aldehyde	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endrin ketone	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
g-BHC (Lindane)	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Heptachlor	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Heptachlor epoxide	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Hexachlorobenzene	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Methoxychlor	mg/kg	0.05	<0.05	<0.05	0	<0.05	<0.2	0	<0.05	<0.05	0	<0.05	<0.2	0	<0.05	<0.05	0
Toxaphene	mg/kg	0.5	<0.5	<0.5	0	<0.5			<0.5	<0.5	0	<0.5			<0.5	<0.5	0

		Lab Report Number	1228331	1228331		1228331	ES2517149		1228331	1228331		1228331	ES2517149		1228331	1228331	
		Field ID	TP104_0.1	QA100		TP104_0.1	QC100		TP111_0.1	QA102		TP111_0.1	QC102		HA101_0.1	QA300	
		Matrix Type	Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil	
		Date	27 May 2025	27 May 2025	RPD	27 May 2025	27 May 2025	RPD	27 May 2025	27 May 2025	RPD	27 May 2025	27 May 2025	RPD	28 May 2025	29 May 2025	RPD
	Unit	EQL															
Organophosphorous Pesticides																	
Azinophos methyl	mg/kg	0.05	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Bolstar (Sulprofos)	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Bromophos-ethyl	mg/kg	0.05					<0.05						<0.05				
Carbophenothion	mg/kg	0.05					<0.05						<0.05				
Chlorfenvinphos	mg/kg	0.05	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Chlorpyrifos	mg/kg	0.05	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Chlorpyrifos-methyl	mg/kg	0.05	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Coumaphos	mg/kg	2	<2	<2	0	<2			<2	<2	0	<2			<2	<2	0
Demeton-O	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Demeton-S	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Diazinon	mg/kg	0.05	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Dichlorvos	mg/kg	0.05	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Dimethoate	mg/kg	0.05	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Disulfoton	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Ethion	mg/kg	0.05	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Ethoprop	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Fenitrothion	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Fensulfothion	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Fenthion	mg/kg	0.05	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Malathion	mg/kg	0.05	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Merphos	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Methyl parathion	mg/kg	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
Mevinphos (Phosdrin)	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Monocrotophos	mg/kg	0.2	<2	<2	0	<2	<0.2	0	<2	<2	0	<2	<0.2	0	<2	<2	0
Naled (Dibrom)	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Omethoate	mg/kg	2	<2	<2	0	<2			<2	<2	0	<2			<2	<2	0
Phorate	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Prothiofos	mg/kg	0.05					<0.05						<0.05				
Pyrazophos	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Ronnel	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Terbufos	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Trichloronate	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Tetrachlorvinphos	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Herbicides																	
Dinoseb	mg/kg	20		<20					<20	<20	0	<20			<20	<20	0
Insecticides																	
Tokuthion	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Pesticides																	
Demeton-S-methyl	mg/kg	0.05					<0.05						<0.05				
Fenamiphos	mg/kg	0.05					<0.05						<0.05				
Parathion	mg/kg	0.2	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
Pirimiphos-methyl	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Pirimphos-ethyl	mg/kg	0.05					<0.05						<0.05				
Polychlorinated Biphenyls																	
Arochlor 1016	mg/kg	0.1		<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1221	mg/kg	0.1		<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1232	mg/kg	0.1		<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1242	mg/kg	0.1		<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1248	mg/kg	0.1		<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1254	mg/kg	0.1		<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1260	mg/kg	0.1		<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
PCBs (Sum of total)	mg/kg	0.1		<0.1			<0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
SVOCs																	
EPN	mg/kg	0.2	<0.2	<0.2	0	<0.2			<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Perfluorocarbons																	
Perfluorohexane sulfonic acid (PFHxS)	mg/kg	0.0002	<0.005	<0.005	0	<0.005	<0.0002	0	<0.005	<0.005	0	<0.005	<0.0002	0	<0.005	<0.005	0
Perfluorooctane sulfonic acid (PFOS)	mg/kg	0.0002	<0.005	<0.005	0	<0.005	0.0006	0	<0.005	<0.005	0	<0.005	0.0007	0	<0.005	<0.005	0
Perfluoropentanoic acid (PFPeA)	mg/kg	0.0002					<0.0002						<0.0002				
Sum of PFHxS and PFOS	mg/kg	0.0002	<0.005	<0.005	0	<0.005	0.0006	0	<0.005	<0.005	0	<0.005	0.0007	0	<0.005	<0.005	0
6:2 Fluorotelomer Sulfonate (6:2 FtS)	mg/kg	0.0005	<0.01	<0.01	0	<0.01	<0.0005	0	<0.01	<0.01	0	<0.01	<0.0005	0	<0.01	<0.01	0
Perfluorooctanoate (PFOA)	mg/kg	0.0002	<0.005	<0.005	0	<0.005	<0.0002	0	<0.005	<0.005	0	<0.005	<0.0002	0	<0.005	<0.005	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: (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**

		Lab Report Number	1228331	ES2517149		1228331	1228331		1228331	ES2517149		1228331	1228331		1228331	ES2517149		1228331	1228331	
		Field ID	HA101_0.1	QC300		TP117_0.1	QA200		TP117_0.1	QC200		TP123_0.1	QA201		TP123_0.1	QC201		SED-1	QA301	
		Matrix Type	Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil	
		Date	28 May 2025	29 May 2025	RPD	28 May 2025	28 May 2025	RPD	28 May 2025	28 May 2025	RPD	28 May 2025	28 May 2025	RPD	28 May 2025	28 May 2025	RPD	29 May 2025	29 May 2025	RPD
	Unit	EQL																		
Halogenated Phenols																				
2,4,5-trichlorophenol	mg/kg	0.5	<1	<0.5	0		<1			<0.5		<1	<1	0	<1	<0.5	0	<1	<1	0
2,4,6-trichlorophenol	mg/kg	0.5	<1	<0.5	0		<1			<0.5		<1	<1	0	<1	<0.5	0	<1	<1	0
2,4-dichlorophenol	mg/kg	0.5	<0.5	<0.5	0		<0.5			<0.5		<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
2,6-dichlorophenol	mg/kg	0.5	<0.5	<0.5	0		<0.5			<0.5		<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
2-chlorophenol	mg/kg	0.5	<0.5	<0.5	0		<0.5			<0.5		<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Pentachlorophenol	mg/kg	1	<1	<2	0		<1			<2		<1	<1	0	<1	<2	0	<1	<1	0
tetrachlorophenols	mg/kg	10	<10				<10					<10	<10	0	<10			<10	<10	0
TPH																				
C6 - C9	mg/kg	10	<20	<10	0	<20	<20	0	<20	<10	0	<20	<20	0	<20	<10	0	<20	<20	0
C10 - C14	mg/kg	20	<20	<50	0	<20	20	0	<20	<50	0	31	<20	43	31	<50	0	<20	<20	0
C15 - C28	mg/kg	50	<50	<100	0	<50	65	26	<50	<100	0	130	<50	89	130	<100	26	<50	<50	0
C29-C36	mg/kg	50	55	<100	0	<50	59	17	<50	<100	0	110	<50	75	110	<100	10	63	<50	23
+C10 - C36 (Sum of total)	mg/kg	50	55	<50	10	<50	144	97	<50	<50	0	271	<50	138	271	<50	138	63	<50	23
CRC Care TPH Fractions																				
C6-C10	mg/kg	10	<20	<10	0	<20	<20	0	<20	<10	0	<20	<20	0	<20	<10	0	<20	<20	0
C10-C16	mg/kg	50	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0
C16-C34	mg/kg	100	<100	<100	0	<100	120	18	<100	<100	0	190	<100	62	190	<100	62	<100	<100	0
C34-C40	mg/kg	100	<100	<100	0	<100	<100	0	<100	<100	0	<100	<100	0	<100	<100	0	<100	<100	0
C10 - C40 (Sum of total)	mg/kg	50	<100	<50	0	<100	120	18	<100	<50	0	190	<100	62	190	<50	117	<100	<100	0
F1: C6-C10 less BTEX	mg/kg	10	<20	<10	0	<20	<20	0	<20	<10	0	<20	<20	0	<20	<10	0	<20	<20	0
F2: >C10-C16 less NAPHTHALENE	mg/kg	50	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0	<50	<50	0
BTEX																				
Benzene	mg/kg	0.1	<0.1	<0.2	0	<0.1	<0.1	0	<0.1	<0.2	0	<0.1	<0.1	0	<0.1	<0.2	0	<0.1	<0.1	0
Toluene	mg/kg	0.1	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0
Ethylbenzene	mg/kg	0.1	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0
Xylene (m & p)	mg/kg	0.2	<0.2	<0.5	0	<0.2	<0.2	0	<0.2	<0.5	0	<0.2	<0.2	0	<0.2	<0.5	0	<0.2	<0.2	0
Xylene (o)	mg/kg	0.1	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0	<0.1	<0.5	0	<0.1	<0.1	0
Xylene Total	mg/kg	0.3	<0.3	<0.5	0	<0.3	<0.3	0	<0.3	<0.5	0	<0.3	<0.3	0	<0.3	<0.5	0	<0.3	<0.3	0
Total BTEX	mg/kg	0.2		<0.2						<0.2						<0.2				
Naphthalene (VOC)	mg/kg	0.5	<0.5	<1	0	<0.5	<0.5	0	<0.5	<1	0	<0.5	<0.5	0	<0.5	<1	0	<0.5	<0.5	0
Metals																				
Arsenic	mg/kg	2	2.3	<5	0	4.8	5.2	8	4.8	<5	0	5.9	6.4	8	5.9	6	2	4.6	4.3	7
Cadmium	mg/kg	0.4	<0.4	<1	0	<0.4	<0.4	0	<0.4	<1	0	<0.4	<0.4	0	<0.4	<1	0	<0.4	<0.4	0
Chromium (III+VI)	mg/kg	2	7.7	9	16	13	14	7	13	15	14	18	16	12	18	12	**40**	5.9	5.9	0
Copper	mg/kg	5	34	42	21	69	78	12	69	99	**36**	85	110	26	85	76	11	120	130	8
Lead	mg/kg	5	22	28	24	22	25	13	22	18	20	24	35	**37**	24	30	22	15	16	6
Mercury	mg/kg	0.1	<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0	0.2	0.3	**40**	0.2	0.2	0	<0.1	<0.1	0
Nickel	mg/kg	2	<5	2	0	6.2	6.6	6	6.2	4	**43**	9.0	11	20	9.0	8	12	<5	<5	0
Zinc	mg/kg	5	57	71	22	77	89	14	77	59	26	85	160	**61**	85	79	7	110	94	16
pH																				
pH (Fox)	pH Unit	0.1										4.5	4.5	0	4.5					
pH (F)	pH Unit	0.1										7.8	7.4	5	7.8					
Organic																				
Sum of US EPA PFAS (PFOS + PFOA)*	UG/KG	5	<5			<5	<5	0	<5			<5	<5	0	<5					
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	UG/KG	5	<5			<5	<5	0	<5			<5	<5	0	<5					

		Lab Report Number	1228331	ES2517149		1228331	1228331		1228331	ES2517149		1228331	1228331		1228331	ES2517149		1228331	1228331	
		Field ID	HA101_0.1	QC300		TP117_0.1	QA200		TP117_0.1	QC200		TP123_0.1	QA201		TP123_0.1	QC201		SED-1	QA301	
		Matrix Type	Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil	
		Date	28 May 2025	29 May 2025	RPD	28 May 2025	28 May 2025	RPD	28 May 2025	28 May 2025	RPD	28 May 2025	28 May 2025	RPD	28 May 2025	28 May 2025	RPD	29 May 2025	29 May 2025	RPD
	Unit	EQL																		
PAH																				
Naphthalene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Acenaphthylene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Acenaphthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Fluorene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Phenanthrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Anthracene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Fluoranthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Pyrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benz(a)anthracene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Chrysene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(k)fluoranthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(b+j)fluoranthene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(a)pyrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Dibenzo(a,h)anthracene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(g,h,i)perylene	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(a)pyrene TEQ (Zero LOR)	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Benzo(a)pyrene TEQ (Half LOR)_1	mg/kg	0.5	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0	0.6	0.6	0
Benzo(a)pyrene TEQ (Full LOR)	mg/kg	0.5	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0	1.2	1.2	0
PAHs (Sum of total)	mg/kg	0.5	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Phenols																				
2,4-dimethylphenol	mg/kg	0.5	<0.5	<0.5	0		<0.5			<0.5		<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
2,4-dinitrophenol	mg/kg	5	<5				<5					<5	<5	0	<5			<5	<5	0
2-methylphenol	mg/kg	0.2	<0.2	<0.5	0		<0.2			<0.5		<0.2	<0.2	0	<0.2	<0.5	0	<0.2	<0.2	0
2-nitrophenol	mg/kg	0.5	<1	<0.5	0		<1			<0.5		<1	<1	0	<1	<0.5	0	<1	<1	0
4,6-Dinitro-2-methylphenol	mg/kg	5	<5				<5					<5	<5	0	<5			<5	<5	0
4,6-Dinitro-o-cyclohexyl phenol	mg/kg	20	<20				<20					<20	<20	0	<20			<20	<20	0
4-chloro-3-methylphenol	mg/kg	0.5	<1	<0.5	0		<1			<0.5		<1	<1	0	<1	<0.5	0	<1	<1	0
4-nitrophenol	mg/kg	5	<5				<5					<5	<5	0	<5			<5	<5	0
Cresol (Total)	mg/kg	0.5	<0.5				<0.5					<0.5	<0.5	0	<0.5			<0.5	<0.5	0
Phenol	mg/kg	0.5	<0.5	<0.5	0		<0.5			<0.5		<0.5	<0.5	0	<0.5	<0.5	0	<0.5	<0.5	0
Organochlorine Pesticides																				
Organochlorine pesticides IWRG621	mg/kg	0.1	<0.1				<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
4,4-DDE	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
a-BHC	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Aldrin	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Aldrin + Dieldrin	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
b-BHC	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Chlordane	mg/kg	0.05	<0.1	<0.05	0		<0.1			<0.05		<0.1	<0.1	0	<0.1	<0.05	0	<0.1	<0.1	0
Chlordane (cis)	mg/kg	0.05		<0.05						<0.05						<0.05				
Chlordane (trans)	mg/kg	0.05		<0.05						<0.05						<0.05				
d-BHC	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
DDD	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
DDT	mg/kg	0.05	<0.05	<0.2	0		<0.05			<0.2		<0.05	<0.05	0	<0.05	<0.2	0	<0.05	<0.05	0
DDT+DDE+DDD	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Dieldrin	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endosulfan	mg/kg	0.05		<0.05						<0.05						<0.05				
Endosulfan I	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endosulfan II	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endosulfan sulphate	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endrin	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endrin aldehyde	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Endrin ketone	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
g-BHC (Lindane)	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Heptachlor	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Heptachlor epoxide	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Hexachlorobenzene	mg/kg	0.05	<0.05	<0.05	0		<0.05			<0.05		<0.05	<0.05	0	<0.05	<0.05	0	<0.05	<0.05	0
Methoxychlor	mg/kg	0.05	<0.05	<0.2	0		<0.05			<0.2		<0.05	<0.05	0	<0.05	<0.2	0	<0.05	<0.05	0
Toxaphene	mg/kg	0.5	<0.5				<0.5					<0.5	<0.5	0	<0.5			<0.5	<0.5	0

		Lab Report Number	1228331	ES2517149		1228331	1228331		1228331	ES2517149		1228331	1228331		1228331	ES2517149		1228331	1228331	
		Field ID	HA101_0.1	QC300		TP117_0.1	QA200		TP117_0.1	QC200		TP123_0.1	QA201		TP123_0.1	QC201		SED-1	QA301	
		Matrix Type	Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil		Soil	Soil	
		Date	28 May 2025	29 May 2025	RPD	28 May 2025	28 May 2025	RPD	28 May 2025	28 May 2025	RPD	28 May 2025	28 May 2025	RPD	28 May 2025	28 May 2025	RPD	29 May 2025	29 May 2025	RPD
	Unit	EQL																		
Organophosphorous Pesticides																				
Azinophos methyl	mg/kg	0.05	<0.2	<0.05	0		<0.2			<0.05		<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Bolstar (Sulprofos)	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Bromophos-ethyl	mg/kg	0.05		<0.05						<0.05						<0.05				
Carbophenothion	mg/kg	0.05		<0.05						<0.05						<0.05				
Chlorfenvinphos	mg/kg	0.05	<0.2	<0.05	0		<0.2			<0.05		<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Chlorpyrifos	mg/kg	0.05	<0.2	<0.05	0		<0.2			<0.05		<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Chlorpyrifos-methyl	mg/kg	0.05	<0.2	<0.05	0		<0.2			<0.05		<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Coumaphos	mg/kg	2	<2				<2					<2	<2	0	<2			<2	<2	0
Demeton-O	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Demeton-S	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Diazinon	mg/kg	0.05	<0.2	<0.05	0		<0.2			<0.05		<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Dichlorvos	mg/kg	0.05	<0.2	<0.05	0		<0.2			<0.05		<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Dimethoate	mg/kg	0.05	<0.2	<0.05	0		<0.2			<0.05		<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Disulfoton	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Ethion	mg/kg	0.05	<0.2	<0.05	0		<0.2			<0.05		<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Ethoprop	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Fenitrothion	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Fensulfothion	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Fenthion	mg/kg	0.05	<0.2	<0.05	0		<0.2			<0.05		<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Malathion	mg/kg	0.05	<0.2	<0.05	0		<0.2			<0.05		<0.2	<0.2	0	<0.2	<0.05	0	<0.2	<0.2	0
Merphos	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Methyl parathion	mg/kg	0.2	<0.2	<0.2	0		<0.2			<0.2		<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
Mevinphos (Phosdrin)	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Monocrotophos	mg/kg	0.2	<2	<0.2	0		<2			<0.2		<2	<2	0	<2	<0.2	0	<2	<2	0
Naled (Dibrom)	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Omethoate	mg/kg	2	<2				<2					<2	<2	0	<2			<2	<2	0
Phorate	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Prothiofos	mg/kg	0.05		<0.05						<0.05						<0.05				
Pyrazophos	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Ronnel	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Terbufos	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Trichloronate	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Tetrachlorvinphos	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Herbicides																				
Dinoseb	mg/kg	20	<20				<20					<20	<20	0	<20			<20	<20	0
Insecticides																				
Tokuthion	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Pesticides																				
Demeton-S-methyl	mg/kg	0.05		<0.05						<0.05						<0.05				
Fenamiphos	mg/kg	0.05		<0.05						<0.05						<0.05				
Parathion	mg/kg	0.2	<0.2	<0.2	0		<0.2			<0.2		<0.2	<0.2	0	<0.2	<0.2	0	<0.2	<0.2	0
Pirimiphos-methyl	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Pirimphos-ethyl	mg/kg	0.05		<0.05						<0.05						<0.05				
Polychlorinated Biphenyls																				
Arochlor 1016	mg/kg	0.1	<0.1				<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1221	mg/kg	0.1	<0.1				<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1232	mg/kg	0.1	<0.1				<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1242	mg/kg	0.1	<0.1				<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1248	mg/kg	0.1	<0.1				<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1254	mg/kg	0.1	<0.1				<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
Arochlor 1260	mg/kg	0.1	<0.1				<0.1					<0.1	<0.1	0	<0.1			<0.1	<0.1	0
PCBs (Sum of total)	mg/kg	0.1	<0.1	<0.1	0		<0.1			<0.1		<0.1	<0.1	0	<0.1	<0.1	0	<0.1	<0.1	0
SVOCs																				
EPN	mg/kg	0.2	<0.2				<0.2					<0.2	<0.2	0	<0.2			<0.2	<0.2	0
Perfluorocarbons																				
Perfluorohexane sulfonic acid (PFHxS)	mg/kg	0.0002	<0.005			<0.005	<0.005	0	<0.005	<0.0002	0	<0.005	<0.005	0	<0.005	<0.0002	0			
Perfluorooctane sulfonic acid (PFOS)	mg/kg	0.0002	<0.005			<0.005	<0.005	0	<0.005	0.0019	0	<0.005	<0.005	0	<0.005	0.0012	0			
Perfluoropentanoic acid (PFPeA)	mg/kg	0.0002								<0.0002						<0.0002				
Sum of PFHxS and PFOS	mg/kg	0.0002	<0.005			<0.005	<0.005	0	<0.005	0.0019	0	<0.005	<0.005	0	<0.005	0.0012	0			
6:2 Fluorotelomer Sulfonate (6:2 FtS)	mg/kg	0.0005	<0.01			<0.01	<0.01	0	<0.01	<0.0005	0	<0.01	<0.01	0	<0.01	<0.0005	0			
Perfluorooctanoate (PFOA)	mg/kg	0.0002	<0.005			<0.005	<0.005	0	<0.005	<0.0002	0	<0.005	<0.005	0	<0.005	<0.0002	0			

***RPDs have only been considered where a concentration is greater than 1 times**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs f**
*****Interlab Duplicates are matched on a per compound basis as methods vary b**

		Lab Report Number	1228626	1228626		1228626	ES2517145	
		Field ID	SW-01	QA400		SW-01	QC400	
		Matrix Type	Water	Water		Water	Water	
		Date	29 May 2025	29 May 2025	RPD	29 May 2025	29 May 2025	RPD
	Unit	EQL						
Halogenated Phenols								
2,3,4,6-tetrachlorophenol	µg/L	0.1					<0.1	
2,4,5-trichlorophenol	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0
2,4,6-trichlorophenol	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0
2,4-dichlorophenol	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.1	0
2,6-dichlorophenol	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.1	0
2-chlorophenol	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0
Pentachlorophenol	µg/L	0.05	<1	<1	0	<1	<0.05	0
tetrachlorophenols	µg/L	0.5	<0.5	<0.5	0	<0.5		
NA								
Naphthalophos	mg/L	0.001					<0.0010	
Organic Nitrogen by calc.	mg/L	0.2						
Phosphate total (as P)	MG/L	0.01	0.10	0.08	22	0.10	0.31	**102**
Sum of WA DWER PFAS (n=10)*	UG/L	0.01					<0.01	
Total Halogenated Phenol*	µg/L	1	<1	<1	0	<1		
Total Non-Halogenated Phenol*	µg/L	10	<10	<10	0	<10		
Total Other OC VIC EPA	µg/L	0.01	<0.01	<0.01	0	<0.01		
3/4-Methylphenol (m/p-cresol)	mg/L	0.0001	<0.0001	<0.0001	0	<0.0001		
Acephate	µg/L	0.5					<0.5	
Other								
Triazophos	mg/L	0.000005					<0.000005	
Pesticides by LCMSMS (Positive								
Bensulide	µg/L	0.1					<0.1	
Demeton-O & Demeton-S	µg/L	0.02					<0.02	
TPH								
C6 - C9	µg/L	20	<20	<20	0	<20	<20	0
C10 - C14	µg/L	50	150	60	86	150	<50	100
C15 - C28	µg/L	100	<100	100	0	<100	<100	0
C29-C36	µg/L	50	<100	<100	0	<100	<50	0
+C10 - C36 (Sum of total)	µg/L	50	150	160	6	150	<50	100
CRC Care TPH Fractions								
C6-C10	µg/L	20	<20	<20	0	<20	<20	0
C10-C16	µg/L	50	<50	60	18	<50	<100	0
C16-C34	µg/L	100	<100	200	67	<100	<100	0
C34-C40	µg/L	100	<100	<100	0	<100	<100	0
C10 - C40 (Sum of total)	µg/L	100	<100	260	89	<100	<100	0
F1: C6-C10 less BTEX	µg/L	20	<20	<20	0	<20	<20	0
F2: >C10-C16 less NAPHTHALENE	µg/L	50	<50	60	18	<50	<100	0
BTEX								
Benzene	µg/L	1	<1	<1	0	<1	<1	0
Toluene	µg/L	1	<1	<1	0	<1	<2	0
Ethylbenzene	µg/L	1	<1	<1	0	<1	<2	0
Xylene (m & p)	µg/L	2	<2	<2	0	<2	<2	0
Xylene (o)	µg/L	1	<1	<1	0	<1	<2	0
Xylene Total	ug/L	2	<3	<3	0	<3	<2	0
Total BTEX	µg/L	1					<1	
Naphthalene (VOC)	µg/L	5	<10	<10	0	<10	<5	0
Metals								
Arsenic	µg/L	1	1	1	0	1	<1	0
Arsenic (filtered)	µg/L	1	<1	<1	0	<1	<1	0
Cadmium	µg/L	0.1	<0.2	<0.2	0	<0.2	<0.1	0
Cadmium (filtered)	µg/L	0.1	<0.2	<0.2	0	<0.2	<0.1	0
Chromium (III+VI)	µg/L	1	2	2	0	2	<1	67
Chromium (III+VI) (filtered)	µg/L	1	2	2	0	2	<1	67
Copper	µg/L	1	7	6	15	7	6	15
Copper (filtered)	µg/L	1	3	3	0	3	1	**100**
Lead	µg/L	1	<1	<1	0	<1	<1	0
Lead (filtered)	µg/L	1	<1	<1	0	<1	<1	0
Mercury	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0
Mercury (filtered)	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0
Nickel	µg/L	1	<1	<1	0	<1	<1	0
Nickel (filtered)	µg/L	1	2	<1	67	2	<1	67
Zinc	µg/L	5	18	16	12	18	14	25
Zinc (filtered)	µg/L	5	9	10	11	9	6	**40**
Organic								
Sum of US EPA PFAS (PFOS + PFOA)*	µg/L	0.01	<0.01	<0.01	0	<0.01		
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	µg/L	0.01	<0.01	<0.01	0	<0.01		

		Lab Report Number	1228626	1228626		1228626	ES2517145	
		Field ID	SW-01	QA400		SW-01	QC400	
		Matrix Type	Water	Water		Water	Water	
		Date	29 May 2025	29 May 2025	RPD	29 May 2025	29 May 2025	RPD
	Unit	EQL						
PAH								
Naphthalene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
2-methylnaphthalene	µg/L	0.1					<0.1	
Acenaphthylene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Acenaphthene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Fluorene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Phenanthrene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Anthracene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Fluoranthene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Pyrene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Benz(a)anthracene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Chrysene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Benzo(k)fluoranthene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Benzo(b+j)fluoranthene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Benzo(a)pyrene	mg/L	0.00001	<0.00001	<0.00001	0	<0.00001	<0.00005	0
Indeno(1,2,3-c,d)pyrene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Dibenzo(a,h)anthracene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Benzo(g,h,i)perylene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.1	0
Benzo(a)pyrene TEQ (Zero LOR)	µg/L	0.05					<0.05	
PAHs (Sum of total)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.05	0
3-methylcholanthrene	µg/L	0.1					<0.1	
7,12-dimethylbenz(a)anthracene	µg/L	0.1					<0.1	
Benzo(e)pyrene	µg/L	0.1					<0.1	
Phenols								
2,4-dimethylphenol	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.1	0
2,4-dinitrophenol	µg/L	0.5	<0.5	<0.5	0	<0.5		
2-methylphenol	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.1	0
2-nitrophenol	µg/L	0.1	<0.1	<0.1	0	<0.1	<0.1	0
3-Methylphenol	µg/L	0.1					<0.1	
4,6-Dinitro-2-methylphenol	ug/L	0.5	<0.5	<0.5	0	<0.5		
4,6-Dinitro-o-cyclohexyl phenol	µg/L	10	<10	<10	0	<10		
4-chloro-3-methylphenol	µg/L	0.05	<0.1	<0.1	0	<0.1	<0.05	0
4-methylphenol	µg/L	0.1					<0.1	
4-nitrophenol	ug/L	0.1	<0.5	<0.5	0	<0.5	<0.1	0
Phenol	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.1	0
Organochlorine Pesticides								
Organochlorine pesticides IWRG621	ug/L	0.01	<0.01	<0.01	0	<0.01		
4,4-DDE	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
a-BHC	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Aldrin	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Aldrin + Dieldrin	µg/L	0.01	<0.01	<0.01	0	<0.01		
b-BHC	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Chlordane	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Chlordane (cis)	µg/L	0.01					<0.010	
Chlordane (trans)	µg/L	0.01					<0.010	
d-BHC	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
DDD	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
DDT	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
DDT+DDE+DDD	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Dieldrin	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Endosulfan	µg/L	0.01					<0.010	
Endosulfan I	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Endosulfan II	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Endosulfan sulphate	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Endrin	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Endrin aldehyde	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Endrin ketone	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
g-BHC (Lindane)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Heptachlor	µg/L	0.005	<0.01	<0.01	0	<0.01	<0.005	0
Heptachlor epoxide	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Hexachlorobenzene	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Methoxychlor	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.010	0
Oxychlordane	mg/L	0.00001					<0.000010	
Toxaphene	mg/L	0.002	<0.002	<0.002	0	<0.002		
Organophosphorous Pesticides								
Azinophos methyl	µg/L	0.02	<1	<1	0	<1	<0.02	0
Bolstar (Sulprofos)	µg/L	0.05	<1	<1	0	<1	<0.05	0
Bromophos-ethyl	µg/L	0.1					<0.10	
Carbophenothion	µg/L	0.02					<0.02	
Azinphos Ethyl	µg/L	0.02					<0.02	
Chlorfenvinphos	µg/L	0.02	<1	<1	0	<1	<0.02	0
Chlorpyrifos	µg/L	0.02	<10	<10	0	<10	<0.02	0
Chlorpyrifos-methyl	µg/L	0.2	<1	<1	0	<1	<0.2	0

		Lab Report Number	1228626	1228626		1228626	ES2517145	
		Field ID	SW-01	QA400		SW-01	QC400	
		Matrix Type	Water	Water		Water	Water	
		Date	29 May 2025	29 May 2025	RPD	29 May 2025	29 May 2025	RPD
	Unit	EQL						
Coumaphos	µg/L	0.01	<10	<10	0	<10	<0.01	0
Demeton-O	µg/L	0.02	<1	<1	0	<1	<0.02	0
Demeton-S	µg/L	0.02	<10	<10	0	<10	<0.02	0
Diazinon	µg/L	0.01	<1	<1	0	<1	<0.01	0
Dichlorvos	µg/L	0.2	<1	<1	0	<1	<0.20	0
Dimethoate	µg/L	0.02	<1	<1	0	<1	<0.02	0
Disulfoton	µg/L	0.05	<1	<1	0	<1	<0.05	0
Ethion	µg/L	0.02	<1	<1	0	<1	<0.02	0
Ethoprop	µg/L	0.01	<1	<1	0	<1	<0.01	0
Fenitrothion	µg/L	1	<1	<1	0	<1	<2	0
Fensulfothion	µg/L	0.01	<1	<1	0	<1	<0.01	0
Fenthion	µg/L	0.05	<1	<1	0	<1	<0.05	0
Malathion	µg/L	0.02	<1	<1	0	<1	<0.02	0
Merphos	mg/L	0.001	<0.001	<0.001	0	<0.001		
Methidathion	µg/L	0.1					<0.1	
Methyl parathion	µg/L	0.5	<1	<1	0	<1	<0.5	0
Mevinphos (Phosdrin)	µg/L	0.02	<1	<1	0	<1	<0.02	0
Monocrotophos	µg/L	0.02	<1	<1	0	<1	<0.02	0
Naled (Dibrom)	µg/L	1	<1	<1	0	<1		
Omethoate	µg/L	0.01	<1	<1	0	<1	<0.01	0
Phorate	µg/L	0.1	<1	<1	0	<1	<0.1	0
Prothiofos	µg/L	0.1					<0.1	
Pyrazophos	µg/L	0.1	<1	<1	0	<1	<0.1	0
Ronnel	µg/L	1	<1	<1	0	<1	<10	0
Terbufos	µg/L	0.01	<1	<1	0	<1	<0.01	0
Thiometon	µg/L	0.5					<0.5	
Trichloronate	µg/L	0.5	<1	<1	0	<1	<0.5	0
Tetrachlorvinphos	mg/L	0.00001	<0.001	<0.001	0	<0.001	<0.00001	0
Herbicides								
Dinoseb	µg/L	10	<10	<10	0	<10		
Insecticides								
Tokuthion	µg/L	1	<1	<1	0	<1		
Pesticides								
Demeton-S-methyl	µg/L	0.02					<0.02	
Fenamiphos	µg/L	0.01					<0.01	
Formothion	µg/L	20					<20	
Parathion	µg/L	0.2	<1	<1	0	<1	<0.2	0
Pirimiphos-methyl	µg/L	0.01	<10	<10	0	<10	<0.01	0
Pirimphos-ethyl	µg/L	0.01					<0.01	
Profenofos	µg/L	0.01					<0.01	
Sulfotepp	µg/L	0.005					<0.005	
Temephos	µg/L	0.02					<0.02	
Trichlorfon	µg/L	0.02					<0.02	
Polychlorinated Biphenyls								
Arochlor 1016	µg/L	0.1	<1	<1	0	<1	<0.10	0
Arochlor 1221	µg/L	0.1	<1	<1	0	<1	<0.10	0
Arochlor 1232	µg/L	0.1	<1	<1	0	<1	<0.10	0
Arochlor 1242	µg/L	0.1	<1	<1	0	<1	<0.10	0
Arochlor 1248	µg/L	0.1	<1	<1	0	<1	<0.10	0
Arochlor 1254	µg/L	0.1	<1	<1	0	<1	<0.10	0
Arochlor 1260	µg/L	0.1	<1	<1	0	<1	<0.10	0
PCBs (Sum of total)	µg/L	0.1	<1	<1	0	<1	<0.10	0
SVOCs								
2-(acetylamino) fluorene	µg/L	0.1					<0.1	
Coronene	µg/L	0.1					<0.1	
EPN	µg/L	0.05	<1	<1	0	<1	<0.05	0
Hexachlorophene	µg/L	0.1					<0.1	
Perylene	µg/L	0.1					<0.1	
Perfluorocarbons								
Perfluorobutane sulfonic acid (PFBS)	µg/L	0.02					<0.02	
8:2 Fluorotelomer sulfonate	µg/L	0.05					<0.05	
Perfluoroheptanoic acid (PFHpA)	µg/L	0.02					<0.02	
Perfluorohexanoic acid (PFHxA)	µg/L	0.02					<0.02	
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	µg/L	0.05					<0.05	
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	µg/L	0.05					<0.05	
Perfluorobutanoic acid (PFBA)	µg/L	0.1					<0.1	
Perfluorohexane sulfonic acid (PFHxS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0
Perfluorooctane sulfonic acid (PFOS)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0
Perfluoropentanoic acid (PFPeA)	µg/L	0.02					<0.02	
Sum of PFHxS and PFOS	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	0
6:2 Fluorotelomer Sulfonate (6:2 FtS)	µg/L	0.05	<0.05	<0.05	0	<0.05	<0.05	0
Perfluorooctanoate (PFOA)	µg/L	0.01	<0.01	<0.01	0	<0.01	<0.01	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: (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**

		Field ID	Rin-H	Rin-SC
		Date	29 May 2025	29 May 2025
	Unit	EQL		
Halogenated Phenols				
2,4,5-trichlorophenol	µg/L	10	<10	<10
2,4,6-trichlorophenol	µg/L	10	<10	<10
2,4-dichlorophenol	µg/L	3	<3	<3
2,6-dichlorophenol	µg/L	3	<3	<3
2-chlorophenol	µg/L	3	<3	<3
Pentachlorophenol	µg/L	10	<10	<10
tetrachlorophenols	µg/L	30	<30	<30
NA				
Asbestos ID in materials	% w/w			
Total Halogenated Phenol*	µg/L	10	<10	<10
Total Non-Halogenated Phenol*	µg/L	100	<100	<100
3/4-Methylphenol (m/p-cresol)	mg/L	0.006	<0.006	<0.006
TPH				
C6 - C9	µg/L	20	<20	<20
C10 - C14	µg/L	50	<50	<50
C15 - C28	µg/L	100	<100	<100
C29-C36	µg/L	100	<100	<100
+C10 - C36 (Sum of total)	µg/L	100	<100	<100
CRC Care TPH Fractions				
C6-C10	µg/L	20	<20	<20
C10-C16	µg/L	50	<50	<50
C16-C34	µg/L	100	<100	<100
C34-C40	µg/L	100	<100	<100
C10 - C40 (Sum of total)	µg/L	100	<100	<100
F1: C6-C10 less BTEX	µg/L	20	<20	<20
F2: >C10-C16 less NAPHTHALENE	µg/L	50	<50	<50
BTEX				
Benzene	µg/L	1	<1	<1
Toluene	µg/L	1	<1	<1
Ethylbenzene	µg/L	1	<1	<1
Xylene (m & p)	µg/L	2	<2	<2
Xylene (o)	µg/L	1	<1	<1
Xylene Total	ug/L	3	<3	<3
Naphthalene (VOC)	µg/L	10	<10	<10
Metals				
Arsenic	µg/L	1	<1	<1
Cadmium	µg/L	0.2	<0.2	<0.2
Chromium (III+VI)	µg/L	1	1	1
Copper	µg/L	1	<1	<1
Lead	µg/L	1	<1	<1
Mercury	µg/L	0.1	<0.1	<0.1
Nickel	µg/L	1	<1	<1
Zinc	µg/L	5	<5	<5
Organic				
Sum of US EPA PFAS (PFOS + PFOA)*	UG/KG	5		
	µg/L	0.01	<0.01	<0.01
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	µg/L	0.01	<0.01	<0.01
PAH				
Naphthalene	µg/L	1	<1	<1
Acenaphthylene	µg/L	1	<1	<1
Acenaphthene	µg/L	1	<1	<1
Fluorene	µg/L	1	<1	<1
Phenanthrene	µg/L	1	<1	<1
Anthracene	µg/L	1	<1	<1
Fluoranthene	µg/L	1	<1	<1
Pyrene	µg/L	1	<1	<1
Benz(a)anthracene	µg/L	1	<1	<1
Chrysene	µg/L	1	<1	<1
Benzo(k)fluoranthene	µg/L	1	<1	<1
Benzo(b+j)fluoranthene	µg/L	1	<1	<1
Benzo(a)pyrene	mg/L	0.001	<0.001	<0.001
Indeno(1,2,3-c,d)pyrene	µg/L	1	<1	<1
Dibenzo(a,h)anthracene	µg/L	1	<1	<1
Benzo(g,h,i)perylene	µg/L	1	<1	<1
PAHs (Sum of total)	µg/L	1	<1	<1
Phenols				
2,4-dimethylphenol	µg/L	3	<3	<3
2,4-dinitrophenol	µg/L	30	<30	<30
2-methylphenol	µg/L	3	<3	<3
2-nitrophenol	µg/L	10	<10	<10
4,6-Dinitro-2-methylphenol	ug/L	30	<30	<30
4,6-Dinitro-o-cyclohexyl phenol	µg/L	100	<100	<100
4-chloro-3-methylphenol	µg/L	10	<10	<10
4-nitrophenol	ug/L	30	<30	<30
Cresol (Total)	mg/L	0.01	<0.01	<0.01
Phenol	µg/L	3	<3	<3

		Field ID	Rin-H	Rin-SC
		Date	29 May 2025	29 May 2025
	Unit	EQL		
Organochlorine Pesticides				
Organochlorine pesticides IWRG621	mg/kg	0.1		
	ug/L	2	<2	<2
4,4-DDE	µg/L	0.2	<0.2	<0.2
a-BHC	µg/L	0.2	<0.2	<0.2
Aldrin	µg/L	0.2	<0.2	<0.2
Aldrin + Dieldrin	µg/L	0.2	<0.2	<0.2
b-BHC	µg/L	0.2	<0.2	<0.2
Chlordane	µg/L	2	<2	<2
d-BHC	µg/L	0.2	<0.2	<0.2
DDD	µg/L	0.2	<0.2	<0.2
DDT	µg/L	0.2	<0.2	<0.2
DDT+DDE+DDD	µg/L	0.2	<0.2	<0.2
Dieldrin	µg/L	0.2	<0.2	<0.2
Endosulfan I	µg/L	0.2	<0.2	<0.2
Endosulfan II	µg/L	0.2	<0.2	<0.2
Endosulfan sulphate	µg/L	0.2	<0.2	<0.2
Endrin	µg/L	0.2	<0.2	<0.2
Endrin aldehyde	µg/L	0.2	<0.2	<0.2
Endrin ketone	µg/L	0.2	<0.2	<0.2
g-BHC (Lindane)	µg/L	0.2	<0.2	<0.2
Heptachlor	µg/L	0.2	<0.2	<0.2
Heptachlor epoxide	µg/L	0.2	<0.2	<0.2
Hexachlorobenzene	µg/L	0.2	<0.2	<0.2
Methoxychlor	µg/L	0.2	<0.2	<0.2
Toxaphene	mg/L	0.005	<0.005	<0.005
Organophosphorous Pesticides				
Azinophos methyl	µg/L	2	<2	<2
Bolstar (Sulprofos)	µg/L	2	<2	<2
Chlorfenvinphos	µg/L	20	<20	<20
Chlorpyrifos	µg/L	2	<2	<2
Chlorpyrifos-methyl	µg/L	2	<2	<2
Coumaphos	µg/L	20	<20	<20
Demeton-O	µg/L	2	<2	<2
Demeton-S	µg/L	2	<2	<2
Diazinon	µg/L	2	<2	<2
Dichlorvos	µg/L	2	<2	<2
Dimethoate	µg/L	2	<2	<2
Disulfoton	µg/L	2	<2	<2
Ethion	µg/L	2	<2	<2
Ethoprop	µg/L	2	<2	<2
Fenitrothion	µg/L	2	<2	<2
Fensulfothion	µg/L	2	<2	<2
Fenthion	µg/L	2	<2	<2
Malathion	µg/L	2	<2	<2
Merphos	mg/L	0.002	<0.002	<0.002
Methyl parathion	µg/L	2	<2	<2
Mevinphos (Phosdrin)	µg/L	2	<2	<2
Monocrotophos	µg/L	2	<2	<2
Naled (Dibrom)	µg/L	2	<2	<2
Omethoate	µg/L	20	<20	<20
Phorate	µg/L	2	<2	<2
Pyrazophos	µg/L	2	<2	<2
Ronnel	µg/L	2	<2	<2
Terbufos	µg/L	2	<2	<2
Trichloronate	µg/L	2	<2	<2
Tetrachlorvinphos	mg/L	0.002	<0.002	<0.002
Herbicides				
Dinoseb	µg/L	100	<100	<100
Insecticides				
Tokuthion	µg/L	2	<2	<2
Pesticides				
Parathion	µg/L	2	<2	<2
Pirimiphos-methyl	µg/L	20	<20	<20
Polychlorinated Biphenyls				
Arochlor 1016	µg/L	5	<5	<5
Arochlor 1221	µg/L	5	<5	<5
Arochlor 1232	µg/L	5	<5	<5
Arochlor 1242	µg/L	5	<5	<5
Arochlor 1248	µg/L	5	<5	<5
Arochlor 1254	µg/L	5	<5	<5
Arochlor 1260	µg/L	5	<5	<5
PCBs (Sum of total)	µg/L	5	<5	<5
SVOCs				
EPN	µg/L	2	<2	<2
Perfluorocarbons				
Perfluorohexane sulfonic acid	mg/kg	0.005		
(PFHxS)	µg/L	0.01	<0.01	<0.01
Perfluorooctane sulfonic acid (PFOS)	mg/kg	0.005		
	µg/L	0.01	<0.01	<0.01
Sum of PFHxS and PFOS	mg/kg	0.005		
	µg/L	0.01	<0.01	<0.01
6:2 Fluorotelomer Sulfonate (6:2 FtS)	mg/kg	0.01		
	µg/L	0.05	<0.05	<0.05
Perfluorooctanoate (PFOA)	mg/kg	0.005		
Perfluorooctanoate (PFOA)	µg/L	0.01	<0.01	<0.01

		Field ID	Trip Blank	TRIP BLANK	Trip Spike	TRIP SPIKE
		Date	29 May 2025	12 May 2025	29 May 2025	12 May 2025
	Unit	EQL				
TPH						
C6 - C9	**mg/kg**	0.0001	<20	<20	0.0087	0.01
	µg/L	20				
C10 - C14	**mg/kg**	20				
	µg/L	50				
C15 - C28	**mg/kg**	50				
	µg/L	100				
C29-C36	**mg/kg**	50				
	µg/L	100				
+C10 - C36 (Sum of total)	**mg/kg**	50				
	µg/L	100				
TPH C10-C14 Fraction after Silica Cleanup	**mg/kg**	50				
TPH C15-C28 Fraction after Silica Cleanup	**mg/kg**	100				
TPH C29-C36 Fraction after Silica Cleanup	**mg/kg**	100				
C10 - C36 Fraction (sum) (SG)	**mg/kg**	50				
CRC Care TPH Fractions						
C6-C10	**mg/kg**	0.0001	<20	<20	0.0093	0.01
	µg/L	20				
C10-C16	**mg/kg**	50				
	µg/L	50				
C16-C34	**mg/kg**	100				
	µg/L	100				
C34-C40	**mg/kg**	100				
	µg/L	100				
C10 - C40 (Sum of total)	**mg/kg**	50				
	µg/L	100				
F1: C6-C10 less BTEX	**mg/kg**	10	<20	<20		
	µg/L	20				
F2: >C10-C16 less NAPHTHALENE	**mg/kg**	50				
	µg/L	50				
>C10 - C16 Fraction (SG)	**mg/kg**	50				
>C16 - C34 Fraction (SG)	**mg/kg**	100				
>C34 - C40 Fraction (SG)	**mg/kg**	100				
>C10 - C40 Fraction (sum) (SG)	**mg/kg**	100				
BTEX						
Benzene	**mg/kg**	0.0001	<0.1	<0.1	0.0091	0.0092
	µg/L	1				
Toluene	**mg/kg**	0.0001	<0.1	<0.1	0.0084	0.01
	µg/L	1				
Ethylbenzene	**mg/kg**	0.0001	<0.1	<0.1	0.0089	0.0096
	µg/L	1				
Xylene (m & p)	**mg/kg**	0.0001	<0.2	<0.2	0.0078	0.01
	µg/L	2				
Xylene (o)	**mg/kg**	0.0001	<0.1	<0.1	0.0082	0.01
	µg/L	1				
Xylene Total	**mg/kg**	0.0001	<0.3	<0.3	0.008	0.01
	ug/L	3				
Total BTEX	**mg/kg**	0.2				
Naphthalene (VOC)	**mg/kg**	0.0001	<0.5	<0.5	0.0089	0.0082
Naphthalene (VOC)	**µg/L**	10				

Appendix E – Laboratory Certificates

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com
Mobile: **0488 706 367**

To: Eurofins Wollongong
Address: Unit 16
7 Investigator Dr
Unanderra NSW 2526
Phone: (02) 9900 8400
Email: EnviroSampleNSW@eurofins.com

Date: 5/16/2025
TAT: Standard
Purchase Order: 305001663
Laboratory Quote ID: Stantec Rates
Project number: 305001663
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container (Plastic Tube – PT, Bag – B, Petri Dish – PD, Plastic Bottle – PB, Plastic Jar - PJ, Glass Jar – GJ, Glass Bottle – GB, Glass Vial - GV)	TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	PFAS Short Suite - Std LOR	Dup to 2nd Lab	Hold	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments	
					Analytes – Single Analytes																									
	BH01_0.1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS	Relinquished By:
	QA100	5/12/2025	Soil	1 X GJ	1		1	1						1													B7	STD 8 METALS	
	QC100	5/12/2025	Soil	1 X GJ	1		1	1						1						1							B7	**Please send to Envirolab**	Company:
	BH01_0.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																	1								Time:
	BH01_1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1						1													B7	STD 8 METALS	Date: Received By: Greg
	BH01_1.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																	1								
	BH01_2	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																	1								Company:
	BH01_3	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																	1								Time: 4:33 PM
	BH02_0.1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																	1								Date: 16/5/25
	BH02_0.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS	Relinquished By:
	BH02_1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																	1								Company:
	BH03_0.1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS	Time:
	BH03_0.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																	1								Date: Received By:
	BH03_1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																	1								
	BH04_0.1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1		1						B10C	STD 8 METALS	Company:
				Total	7		7	7	4	4	4			7		4			4	1	9								Time:
																													Date:

#1221381

4°C

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com
Mobile: **0488 706 367**

To: Eurofins Wollongong
Address: Unit 16
7 Investigator Dr
Unanderra NSW 2526
Phone: (02) 9900 8400
Email: EnviroSampleNSW@eurofins.com

Date: 5/16/2025
TAT: Standard
Purchase Order: 305001663
Laboratory Quote ID: Stantec Rates
Project number: 305001663
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Petri Dish – PD Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	PFAS Short Suite - Std LOR	Dup to 2nd Lab	Hold	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	BH04_0.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1					1		1			1								B7A	STD 8 METALS
	BH04_1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH04_1.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1					1													B7	STD 8 METALS
	BH04_2	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH04_2.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH05_0.1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH05_0.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
	BH05_1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH05_1.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1					1													B7	STD 8 METALS
	BH05_2	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH05_3	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH06_0.1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
	BH06_0.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH06_1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH07_0.1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
				Total	6		6	6	3	3	3			6		4			4		9							

Chain of Custody

From: Stantec Wollongong
Address: Shop 1, Level 1
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Phone: (02) 4231 9600
Attention: **Callum Laker**
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To: Eurofins Wollongong
Address: Unit 16
7 Investigator Dr
Unanderra NSW 2526
Phone: (02) 9900 8400
Email: EnviroSampleNSW@eurofins.com

Date: 5/16/2025
TAT: Standard
Purchase Order: 305001663
Laboratory Quote ID: Stantec Rates
Project number: 305001663
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	PFAS Short Suite - Std LOR	Dup to 2nd Lab	Hold	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
				Plastic Tube – PT Bag – B Petri Dish – PD Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV																							
	BH07_0.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH08_0.1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
	BH08_0.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH09_0.1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
	BH09_0.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH10_0.1	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
	BH10_0.5	5/12/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH11_0.1	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
	BH11_0.5	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH12_0.1	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
	BH12_0.5	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH13_0.1	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
	BH13_0.5	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	BH14_0.1	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
	BH14_0.5	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
				Total	7		7	7	7	7	7			7		7			7		8							

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com
Mobile: **0488 706 367**

To: Eurofins Wollongong
Address: Unit 16
7 Investigator Dr
Unanderra NSW 2526
Phone: (02) 9900 8400
Email: EnviroSampleNSW@eurofins.com

Date: 5/16/2025
TAT: Standard
Purchase Order: 305001663
Laboratory Quote ID: Stantec Rates
Project number: 305001663
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Petri Dish – PD Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	PFAS Short Suite - Std LOR	Dup to 2nd Lab	Hold	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	BH15_0.1	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ															1							
	BH15_0.3	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1							B10C	STD 8 METALS
	BH16_0.1	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ	1		1	1	1	1	1			1		1			1							B10C	STD 8 METALS
	BH16_0.5	5/13/2025	Soil	1 x J, 1 x B, 1 x PJ																1							
	Trip Blank	5/13/2025	Soil	1 x GV	1		1																			B1	
	Trip Spike	5/13/2025	Soil	1 x GV	1		1																			B1	
				Total	4		4	2	2	2	2			2		2			2		2						

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+61 3 8564 5000	+61 3 8564 5000	+61 2 9900 8400	+61 2 6113 8091	+61 7 3902 4600	+61 2 4968 8448
NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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NATA# 2377
Site# 2370 & 2554

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NZBN: 9429046024954

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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Sample Receipt Advice

Company name:	Stantec Australia Pty Ltd (Wollongong)
Contact name:	Callum Laker
Project name:	MILTON PS
Project ID:	305001663
Turnaround time:	5 Day
Date/Time received	May 16, 2025 4:33 PM
Eurofins reference	1221381

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.
- ✓ 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

Sample QC100 forwarded to Envirolab as per client request. Extra PFAS jar received for sample BH04_0.5. Samples BH05_1.5 and BH08_0.5 not received - corresponding analysis canceled. Missing PFAS jar for sample BH06_0.5. Extra sample received with no label (Jar, PFAS jar, and Asb bag) - added to end of report on hold. Sample not received - BH04_2.5. Extra sample received - BH04_3.0. Please confirm analysis

Contact

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

Roopesh Rangarajan on phone : +61 2 9900 8400 or by email: EnviroSampleNSW@eurofinsanz.com

Results will be delivered electronically via email to Callum Laker - callum.laker@stantec.com.

Note: A copy of these results will also be delivered to the general Stantec Australia Pty Ltd (Wollongong) email address.

Global Leader - Results you can trust

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email: EnviroSales@eurofinsanz.com

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (Wollongong)
Address: Ground Floor, 16 Burelli Street
Wollongong
NSW 2500

Project Name: MILTON PS
Project ID: 305001663

Order No.: 305001663
Report #: 1221381
Phone: (02) 9493 9700
Fax:

Received: May 16, 2025 4:33 PM
Due: May 23, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						CANCELLED*	HOLD*	Moisture Set	Eurofins Suite B7	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
External Laboratory														
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	BH01_0.1	May 12, 2025		Soil	W25-My0052114			X				X		X
2	QA100	May 12, 2025		Soil	W25-My0052115			X	X					
3	BH01_1.0	May 12, 2025		Soil	W25-My0052116			X	X					
4	BH02_0.5	May 12, 2025		Soil	W25-My0052117			X				X		X
5	BH03_0.1	May 12, 2025		Soil	W25-My0052118			X				X		X
6	BH04_0.1	May 12, 2025		Soil	W25-My0052119			X				X		X
7	BH04_0.5	May 12, 2025		Soil	W25-My0052120			X		X		X		
8	BH04_1.5	May 12, 2025		Soil	W25-My0052121			X	X					
9	BH05_0.5	May 12, 2025		Soil	W25-My0052122			X				X		X
10	BH06_0.1	May 12, 2025		Soil	W25-My0052123			X				X		X
11	BH07_0.1	May 12, 2025		Soil	W25-My0052124			X				X		X
12	BH08_0.1	May 12, 2025		Soil	W25-My0052125			X				X		X
13	BH09_0.1	May 12, 2025		Soil	W25-My0052126			X				X		X
14	BH10_0.1	May 12, 2025		Soil	W25-My0052127			X				X		X

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (Wollongong)
Address: Ground Floor, 16 Burelli Street
Wollongong
NSW 2500

Project Name: MILTON PS
Project ID: 305001663

Order No.: 305001663
Report #: 1221381
Phone: (02) 9493 9700
Fax:

Received: May 16, 2025 4:33 PM
Due: May 23, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						CANCELLED*	HOLD*	Moisture Set	Eurofins Suite B7	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
15	BH11_0.1	May 12, 2025		Soil	W25-My0052128			X				X		X
16	BH12_0.1	May 12, 2025		Soil	W25-My0052129			X				X		X
17	BH13_0.1	May 12, 2025		Soil	W25-My0052130			X				X		X
18	BH14_0.1	May 12, 2025		Soil	W25-My0052131			X				X		X
19	BH15_0.3	May 12, 2025		Soil	W25-My0052132			X				X		X
20	BH16_0.1	May 12, 2025		Soil	W25-My0052133			X				X		X
21	TRIP SPIKE	May 12, 2025		Soil	W25-My0052134								X	
22	TRIP BLANK	May 12, 2025		Soil	W25-My0052135						X			
23	BH01_0.5	May 12, 2025		Soil	W25-My0052137		X							
24	BH01_1.5	May 12, 2025		Soil	W25-My0052138		X							
25	BH01_2	May 12, 2025		Soil	W25-My0052139		X							
26	BH01_3	May 12, 2025		Soil	W25-My0052140		X							
27	BH02_0.1	May 12, 2025		Soil	W25-My0052141		X							
28	BH02_1	May 12, 2025		Soil	W25-My0052142		X							
29	BH03_0.5	May 12, 2025		Soil	W25-My0052143		X							
30	BH03_1	May 12, 2025		Soil	W25-My0052144		X							
31	BH04_1	May 12, 2025		Soil	W25-My0052145		X							

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Company Name: Stantec Australia Pty Ltd (Wollongong)
Address: Ground Floor, 16 Burelli Street
Wollongong
NSW 2500

Project Name: MILTON PS
Project ID: 305001663

Order No.: 305001663
Report #: 1221381
Phone: (02) 9493 9700
Fax:

Received: May 16, 2025 4:33 PM
Due: May 23, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						CANCELLED*	HOLD*	Moisture Set	Eurofins Suite B7	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
32	BH04_2	May 12, 2025		Soil	W25-My0052146		X							
33	BH04_2.5	May 12, 2025		Soil	W25-My0052147	X								
34	BH05_0.1	May 12, 2025		Soil	W25-My0052148		X							
35	BH05_1	May 12, 2025		Soil	W25-My0052149		X							
36	BH05_2	May 12, 2025		Soil	W25-My0052150		X							
37	BH05_3	May 12, 2025		Soil	W25-My0052151		X							
38	BH06_0.5	May 12, 2025		Soil	W25-My0052152		X							
39	BH06_1	May 12, 2025		Soil	W25-My0052153		X							
40	BH07_0.5	May 12, 2025		Soil	W25-My0052154		X							
41	BH09_0.5	May 12, 2025		Soil	W25-My0052155		X							
42	BH10_0.5	May 12, 2025		Soil	W25-My0052156		X							
43	BH11_0.5	May 12, 2025		Soil	W25-My0052157		X							
44	BH12_0.5	May 12, 2025		Soil	W25-My0052158		X							
45	BH13_0.5	May 12, 2025		Soil	W25-My0052159		X							
46	BH14_0.5	May 12, 2025		Soil	W25-My0052160		X							
47	BH15_0.1	May 12, 2025		Soil	W25-My0052161		X							
48	BH16_0.5	May 12, 2025		Soil	W25-My0052162		X							

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Received: May 16, 2025 4:33 PM
Due: May 23, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						CANCELLED*	HOLD*	Moisture Set	Eurofins Suite B7	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
49	UNNAMED 1	May 12, 2025		Soil	W25-My0052163		X							
50	BH04_3.0	May 12, 2025		Soil	W25-My0059908		X							
Test Counts						1	27	20	3	1	1	17	1	16

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Certificate of Analysis

Stantec Australia Pty Ltd
Ground Floor, 16 Burelli Street
Wollongong
NSW 2500

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: **Callum Laker**

Report **1221381-S**
Project name MILTON PS
Project ID 305001663
Received Date May 16, 2025

Client Sample ID			**BH01_0.1**	**QA100**	**BH01_1.0**	**BH02_0.5**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**W25-My0052114**	**W25-My0052115**	**W25-My0052116**	**W25-My0052117**
Date Sampled			**May 12, 2025**	**May 12, 2025**	**May 12, 2025**	**May 12, 2025**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons - 1999 NEPM Fractions						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	87	63	70	60
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			BH01_0.1	QA100	BH01_1.0	BH02_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052114	W25-My0052115	W25-My0052116	W25-My0052117
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	113	118	105	93
p-Terphenyl-d14 (surr.)	1	%	109	117	105	90
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	-	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	-	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	-	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	-	-	< 0.05
a-HCH	0.05	mg/kg	< 0.05	-	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	-	-	< 0.05
b-HCH	0.05	mg/kg	< 0.05	-	-	< 0.05
d-HCH	0.05	mg/kg	< 0.05	-	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	-	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	-	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	-	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	-	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	-	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	-	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	-	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	-	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	-	-	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	-	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	100	-	-	98
Tetrachloro-m-xylene (surr.)	1	%	114	-	-	94
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	-	< 0.2
Bolstar	0.2	mg/kg	< 0.2	-	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	-	< 0.2
Coumaphos	2	mg/kg	< 2	-	-	< 2
Demeton-S	0.2	mg/kg	< 0.2	-	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	-	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	-	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	-	< 0.2
EPN	0.2	mg/kg	< 0.2	-	-	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	-	< 0.2

Client Sample ID			BH01_0.1	QA100	BH01_1.0	BH02_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052114	W25-My0052115	W25-My0052116	W25-My0052117
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethoprop	0.2	mg/kg	< 0.2	-	-	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	-	< 0.2
Malathion	0.2	mg/kg	< 0.2	-	-	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Monocrotophos	2	mg/kg	< 2	-	-	< 2
Naled	0.2	mg/kg	< 0.2	-	-	< 0.2
Omethoate	2	mg/kg	< 2	-	-	< 2
Phorate	0.2	mg/kg	< 0.2	-	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	-	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	-	-	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	-	< 0.2
Terbufos	0.2	mg/kg	< 0.2	-	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	109	-	-	87
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	-	-	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	100	-	-	98
Tetrachloro-m-xylene (surr.)	1	%	114	-	-	94
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	-	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	-	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	-	-	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	-	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	-	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	-	-	< 1
Pentachlorophenol	1	mg/kg	< 1	-	-	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	-	-	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	-	-	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	-	-	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	-	-	< 5
2-Nitrophenol	1	mg/kg	< 1	-	-	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	-	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	-	-	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	-	< 0.2

Client Sample ID			BH01_0.1	QA100	BH01_1.0	BH02_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052114	W25-My0052115	W25-My0052116	W25-My0052117
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Phenols (non-Halogenated)						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	-	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	-	-	< 0.5
4-Nitrophenol	5	mg/kg	< 5	-	-	< 5
Dinoseb	20	mg/kg	< 20	-	-	< 20
Phenol	0.5	mg/kg	< 0.5	-	-	< 0.5
Phenol-d6 (surr.)	1	%	101	-	-	83
Total Non-Halogenated Phenol*	20	mg/kg	< 20	-	-	< 20
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Metals M8						
Arsenic	2	mg/kg	7.2	4.1	2.5	< 2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	37	11	5.0	< 5
Copper	5	mg/kg	52	74	160	95
Lead	5	mg/kg	21	18	13	15
Mercury	0.1	mg/kg	0.2	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	9.0	6.3	< 5	< 5
Zinc	5	mg/kg	85	62	56	30
Sample Properties						
% Moisture	1	%	27	27	21	23
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	-	-	< 10
13C2-6:2 FTSA (surr.)	1	%	99	-	-	INT
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	-	-	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	-	-	< 5
18O2-PFHxS (surr.)	1	%	146	-	-	175
13C8-PFOS (surr.)	1	%	168	-	-	178
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	-	-	< 5
13C8-PFOA (surr.)	1	%	144	-	-	124
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	-	-	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	-	-	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	-	-	< 5

Client Sample ID			BH03_0.1	BH04_0.1	BH04_0.5	BH04_1.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052118	W25-My0052119	W25-My0052120	W25-My0052121
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons - 1999 NEPM Fractions						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	95	105	89	66
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	108	112	67	114
p-Terphenyl-d14 (surr.)	1	%	108	110	100	112
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	-	-
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	-
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	-
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	-
a-HCH	0.05	mg/kg	< 0.05	< 0.05	-	-
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	-

Client Sample ID			BH03_0.1	BH04_0.1	BH04_0.5	BH04_1.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052118	W25-My0052119	W25-My0052120	W25-My0052121
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
b-HCH	0.05	mg/kg	< 0.05	< 0.05	-	-
d-HCH	0.05	mg/kg	< 0.05	< 0.05	-	-
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	-
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	-
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	-
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	-
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	-
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	-
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	-
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	-
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	-	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	-
Dibutylchlorendate (surr.)	1	%	110	125	-	-
Tetrachloro-m-xylene (surr.)	1	%	108	114	-	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	-
Bolstar	0.2	mg/kg	< 0.2	< 0.2	-	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	-	-
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	-	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	-
Coumaphos	2	mg/kg	< 2	< 2	-	-
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	-	-
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	-	-
Diazinon	0.2	mg/kg	< 0.2	< 0.2	-	-
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	-	-
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	-	-
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	-	-
EPN	0.2	mg/kg	< 0.2	< 0.2	-	-
Ethion	0.2	mg/kg	< 0.2	< 0.2	-	-
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	-	-
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	-
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	-	-
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	-	-
Fenthion	0.2	mg/kg	< 0.2	< 0.2	-	-
Malathion	0.2	mg/kg	< 0.2	< 0.2	-	-
Merphos	0.2	mg/kg	< 0.2	< 0.2	-	-
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	-
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	-	-
Monocrotophos	2	mg/kg	< 2	< 2	-	-
Naled	0.2	mg/kg	< 0.2	< 0.2	-	-
Omethoate	2	mg/kg	< 2	< 2	-	-
Phorate	0.2	mg/kg	< 0.2	< 0.2	-	-

Client Sample ID			BH03_0.1	BH04_0.1	BH04_0.5	BH04_1.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052118	W25-My0052119	W25-My0052120	W25-My0052121
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	-
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	-	-
Ronnel	0.2	mg/kg	< 0.2	< 0.2	-	-
Terbufos	0.2	mg/kg	< 0.2	< 0.2	-	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	-	-
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	-	-
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	-	-
Triphenylphosphate (surr.)	1	%	105	113	-	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	-	-
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	-	-
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	-	-
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	-	-
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	-	-
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	-	-
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	-	-
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	-	-
Dibutylchlorendate (surr.)	1	%	110	125	-	-
Tetrachloro-m-xylene (surr.)	1	%	108	114	-	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	-
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	-
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	-
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	-
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	-
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	-
Dinoseb	20	mg/kg	< 20	< 20	< 20	-
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Phenol-d6 (surr.)	1	%	96	96	84	-
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	-
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

Client Sample ID			BH03_0.1	BH04_0.1	BH04_0.5	BH04_1.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052118	W25-My0052119	W25-My0052120	W25-My0052121
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Metals M8						
Arsenic	2	mg/kg	5.0	3.3	3.5	2.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	12	7.3	< 5	< 5
Copper	5	mg/kg	71	99	180	170
Lead	5	mg/kg	24	19	11	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	6.8	< 5	< 5	< 5
Zinc	5	mg/kg	87	63	66	49
Sample Properties						
% Moisture	1	%	31	27	19	25
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	-
13C2-6:2 FTSA (surr.)	1	%	110	122	160	-
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	-
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	-
18O2-PFHxS (surr.)	1	%	190	163	149	-
13C8-PFOS (surr.)	1	%	177	169	170	-
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	-
13C8-PFOA (surr.)	1	%	157	139	143	-
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	-
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	-
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	-

Client Sample ID			BH05_0.5	BH06_0.1	BH07_0.1	BH08_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052122	W25-My0052123	W25-My0052124	W25-My0052125
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons - 1999 NEPM Fractions						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	98	86	67	106
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

Client Sample ID			BH05_0.5	BH06_0.1	BH07_0.1	BH08_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052122	W25-My0052123	W25-My0052124	W25-My0052125
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	146	99	107	106
p-Terphenyl-d14 (surr.)	1	%	143	101	108	103
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	148	92	110	113
Tetrachloro-m-xylene (surr.)	1	%	149	99	110	106

Client Sample ID			BH05_0.5	BH06_0.1	BH07_0.1	BH08_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052122	W25-My0052123	W25-My0052124	W25-My0052125
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	103	96	107	103
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	148	92	110	113
Tetrachloro-m-xylene (surr.)	1	%	149	99	110	106

Client Sample ID			BH05_0.5	BH06_0.1	BH07_0.1	BH08_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052122	W25-My0052123	W25-My0052124	W25-My0052125
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
Dinoseb	20	mg/kg	< 20	< 20	< 20	< 20
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	112	94	90	91
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	< 20
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
Metals M8						
Arsenic	2	mg/kg	< 2	3.0	< 2	< 2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	6.8	5.5	12
Copper	5	mg/kg	80	97	77	91
Lead	5	mg/kg	7.3	14	20	20
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	< 5
Zinc	5	mg/kg	21	45	21	26
Sample Properties						
% Moisture	1	%	23	24	29	27
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	109	190	135	74
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	163	182	158	164
13C8-PFOS (surr.)	1	%	183	168	179	176
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	135	139	151	134

Client Sample ID			BH05_0.5	BH06_0.1	BH07_0.1	BH08_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052122	W25-My0052123	W25-My0052124	W25-My0052125
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5

Client Sample ID			BH09_0.1	BH10_0.1	[G01]BH11_0.1	[G01]BH12_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052126	W25-My0052127	W25-My0052128	W25-My0052129
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons - 1999 NEPM Fractions						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	55	51
TRH C29-C36	50	mg/kg	< 50	< 50	110	130
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	165	181
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	INT	74	121	69
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	1.1
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.7	1.2
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	0.8	0.8
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	0.6	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	0.8	0.8
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			BH09_0.1	BH10_0.1	G01 BH11_0.1	G01 BH12_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052126	W25-My0052127	W25-My0052128	W25-My0052129
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	2.2	2.6
2-Fluorobiphenyl (surr.)	1	%	95	106	73	76
p-Terphenyl-d14 (surr.)	1	%	106	102	138	148
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 10	< 10
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.5
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
Dibutylchlorendate (surr.)	1	%	105	106	120	128
Tetrachloro-m-xylene (surr.)	1	%	105	107	96	107
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Coumaphos	2	mg/kg	< 2	< 2	< 5	< 5
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5

Client Sample ID			BH09_0.1	BH10_0.1	G01 BH11_0.1	G01 BH12_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052126	W25-My0052127	W25-My0052128	W25-My0052129
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Monocrotophos	2	mg/kg	< 2	< 2	< 5	< 5
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Omethoate	2	mg/kg	< 2	< 2	< 5	< 5
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
Triphenylphosphate (surr.)	1	%	104	94	INT	INT
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	< 1	< 1
Dibutylchlorendate (surr.)	1	%	105	106	120	128
Tetrachloro-m-xylene (surr.)	1	%	105	107	96	107
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.5
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 1	< 1
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	< 1	< 1

Client Sample ID			BH09_0.1	BH10_0.1	G01 BH11_0.1	G01 BH12_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052126	W25-My0052127	W25-My0052128	W25-My0052129
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Phenols (non-Halogenated)						
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
Dinoseb	20	mg/kg	< 20	< 20	< 20	< 20
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 1	< 1
Phenol-d6 (surr.)	1	%	106	94	95	99
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	< 20
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	150	130
TRH >C34-C40	100	mg/kg	< 100	< 100	280	210
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	430	340
Metals M8						
Arsenic	2	mg/kg	5.1	3.3	5.3	4.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	11	6.6	12	14
Copper	5	mg/kg	35	90	84	25
Lead	5	mg/kg	15	14	7.7	9.0
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	< 5	6.2	16
Zinc	5	mg/kg	55	5.6	31	38
Sample Properties						
% Moisture	1	%	9.1	30	5.4	5.0
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	146	129	154	126
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	162	156	156	156
13C8-PFOS (surr.)	1	%	171	169	197	160
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	129	126	130	134
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5

Client Sample ID			G01 BH13_0.1	G01 BH14_0.1	G01 BH15_0.3	BH16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052130	W25-My0052131	W25-My0052132	W25-My0052133
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons - 1999 NEPM Fractions						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	29	< 20
TRH C15-C28	50	mg/kg	< 50	61	95	< 50
TRH C29-C36	50	mg/kg	83	200	240	< 50
TRH C10-C36 (Total)	50	mg/kg	83	261	364	< 50

Client Sample ID			G01 BH13_0.1	G01 BH14_0.1	G01 BH15_0.3	BH16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052130	W25-My0052131	W25-My0052132	W25-My0052133
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	105	105	104	73
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene N02	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C10-C16 less Naphthalene (F2)* N01	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1) N04	20	mg/kg	< 20	< 20	< 20	< 20
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	0.9	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.7	0.7	1.2	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.3	1.2	1.5	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	0.9	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene N07	0.5	mg/kg	< 0.5	< 0.5	0.6	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	1.0	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	0.6	0.7	< 0.5
Chrysene	0.5	mg/kg	< 0.5	0.8	1.0	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	0.7	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	0.9	0.9	1.1	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	1.8	2.3	5.1	< 0.5
2-Fluorobiphenyl (surr.)	1	%	72	76	81	95
p-Terphenyl-d14 (surr.)	1	%	149	149	INT	108
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 1	< 1	< 1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
a-HCH	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Aldrin	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
b-HCH	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
d-HCH	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Dieldrin	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Endosulfan I	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Endosulfan II	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Endrin	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05

Client Sample ID			G01 BH13_0.1	G01 BH14_0.1	G01 BH15_0.3	BH16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052130	W25-My0052131	W25-My0052132	W25-My0052133
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Endrin aldehyde	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Endrin ketone	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Heptachlor	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Methoxychlor	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Toxaphene	0.5	mg/kg	< 10	< 10	< 10	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.5	< 0.5	< 0.5	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 1	< 1	< 1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 1	< 1	< 1	< 0.1
Dibutylchlorendate (surr.)	1	%	130	129	INT	104
Tetrachloro-m-xylene (surr.)	1	%	103	112	130	104
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Bolstar	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Coumaphos	2	mg/kg	< 5	< 5	< 5	< 2
Demeton-S	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Demeton-O	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Diazinon	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Dichlorvos	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Dimethoate	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Disulfoton	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
EPN	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Ethion	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Ethoprop	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Fenitrothion	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Fensulfothion	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Fenthion	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Malathion	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Merphos	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Methyl parathion	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Mevinphos	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Monocrotophos	2	mg/kg	< 5	< 5	< 5	< 2
Naled	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Omethoate	2	mg/kg	< 5	< 5	< 5	< 2
Phorate	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Pyrazophos	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Ronnel	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Terbufos	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Tokuthion	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Trichloronate	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
Triphenylphosphate (surr.)	1	%	INT	INT	INT	109

Client Sample ID			G01BH13_0.1	G01BH14_0.1	G01BH15_0.3	BH16_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			W25-My0052130	W25-My0052131	W25-My0052132	W25-My0052133
Date Sampled			May 12, 2025	May 12, 2025	May 12, 2025	May 12, 2025
Test/Reference	LOR	Unit				
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 1	< 1	< 1	< 0.1
Aroclor-1221	0.1	mg/kg	< 1	< 1	< 1	< 0.1
Aroclor-1232	0.1	mg/kg	< 1	< 1	< 1	< 0.1
Aroclor-1242	0.1	mg/kg	< 1	< 1	< 1	< 0.1
Aroclor-1248	0.1	mg/kg	< 1	< 1	< 1	< 0.1
Aroclor-1254	0.1	mg/kg	< 1	< 1	< 1	< 0.1
Aroclor-1260	0.1	mg/kg	< 1	< 1	< 1	< 0.1
Total PCB*	0.1	mg/kg	< 1	< 1	< 1	< 0.1
Dibutylchlorendate (surr.)	1	%	130	129	INT	104
Tetrachloro-m-xylene (surr.)	1	%	103	112	130	104
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.5	< 0.5	< 0.5	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 1	< 1	< 1	< 0.4
Total cresols*	0.5	mg/kg	< 1	< 1	< 1	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
Dinoseb	20	mg/kg	< 20	< 20	< 20	< 20
Phenol	0.5	mg/kg	< 1	< 1	< 1	< 0.5
Phenol-d6 (surr.)	1	%	125	119	90	108
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	< 20
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	170	340	< 100
TRH >C34-C40	100	mg/kg	140	350	550	< 100
TRH >C10-C40 (total)*	100	mg/kg	140	520	890	< 100
Metals M8						
Arsenic	2	mg/kg	5.6	5.8	2.4	2.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	12	13	14	< 5
Copper	5	mg/kg	33	25	160	88
Lead	5	mg/kg	11	12	8.6	15
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	13	17	20	5.3
Zinc	5	mg/kg	42	48	54	33

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	G01 BH13_0.1 Soil W25-My0052130 May 12, 2025	G01 BH14_0.1 Soil W25-My0052131 May 12, 2025	G01 BH15_0.3 Soil W25-My0052132 May 12, 2025	BH16_0.1 Soil W25-My0052133 May 12, 2025
Sample Properties						
% Moisture	1	%	4.9	5.6	5.7	19
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	123	111	127	126
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	194	175	170	143
13C8-PFOS (surr.)	1	%	193	194	184	155
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	128	137	132	141
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5

Client Sample ID Sample Matrix Eurofins Sample No. Date Sampled Test/Reference	LOR	Unit	TRIP SPIKE Soil W25-My0052134 May 12, 2025	TRIP BLANK Soil W25-My0052135 May 12, 2025
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				
TRH C6-C9	20	mg/kg	-	< 20
BTEX				
Benzene	0.1	mg/kg	-	< 0.1
Toluene	0.1	mg/kg	-	< 0.1
Ethylbenzene	0.1	mg/kg	-	< 0.1
m&p-Xylenes	0.2	mg/kg	-	< 0.2
o-Xylene	0.1	mg/kg	-	< 0.1
Xylenes - Total*	0.3	mg/kg	-	< 0.3
4-Bromofluorobenzene (surr.)	1	%	-	73
TRH C6-C10	1	%	100	-
Total Recoverable Hydrocarbons				
Naphthalene	1	%	82	-
TRH C6-C9	1	%	100	-
TRH C6-C10	20	mg/kg	-	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	-	< 20
BTEX				
Benzene	1	%	92	-
Ethylbenzene	1	%	96	-
m&p-Xylenes	1	%	100	-
o-Xylene	1	%	100	-
Toluene	1	%	100	-
Xylenes - Total	1	%	100	-
4-Bromofluorobenzene (surr.)	1	%	86	-
BTEX and Naphthalene				
Naphthalene[N02]	0.5	mg/kg	-	< 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
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	May 21, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	May 21, 2025	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	May 21, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Polycyclic Aromatic Hydrocarbons	Sydney	May 21, 2025	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	May 21, 2025	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	May 21, 2025	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Polychlorinated Biphenyls	Sydney	May 21, 2025	28 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Phenols (Halogenated)	Sydney	May 21, 2025	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Phenols (non-Halogenated)	Sydney	May 21, 2025	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	May 21, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Metals M8	Sydney	May 21, 2025	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
% Moisture	Sydney	May 19, 2025	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs) - Short	Sydney	May 21, 2025	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Total Recoverable Hydrocarbons	Sydney	May 21, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Company Name: Stantec Australia Pty Ltd (Wollongong)
Address: Ground Floor, 16 Burelli Street
Wollongong
NSW 2500

Project Name: MILTON PS
Project ID: 305001663

Order No.: 305001663
Report #: 1221381
Phone: (02) 9493 9700
Fax:

Received: May 16, 2025 4:33 PM
Due: May 23, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						CANCELLED*	HOLD*	Moisture Set	Eurofins Suite B7	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
External Laboratory														
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	BH01_0.1	May 12, 2025		Soil	W25-My0052114			X				X		X
2	QA100	May 12, 2025		Soil	W25-My0052115			X	X					
3	BH01_1.0	May 12, 2025		Soil	W25-My0052116			X	X					
4	BH02_0.5	May 12, 2025		Soil	W25-My0052117			X				X		X
5	BH03_0.1	May 12, 2025		Soil	W25-My0052118			X				X		X
6	BH04_0.1	May 12, 2025		Soil	W25-My0052119			X				X		X
7	BH04_0.5	May 12, 2025		Soil	W25-My0052120			X		X		X		
8	BH04_1.5	May 12, 2025		Soil	W25-My0052121			X	X					
9	BH05_0.5	May 12, 2025		Soil	W25-My0052122			X				X		X
10	BH06_0.1	May 12, 2025		Soil	W25-My0052123			X				X		X
11	BH07_0.1	May 12, 2025		Soil	W25-My0052124			X				X		X
12	BH08_0.1	May 12, 2025		Soil	W25-My0052125			X				X		X
13	BH09_0.1	May 12, 2025		Soil	W25-My0052126			X				X		X
14	BH10_0.1	May 12, 2025		Soil	W25-My0052127			X				X		X

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Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
15	BH11_0.1	May 12, 2025		Soil	W25-My0052128			X				X		X
16	BH12_0.1	May 12, 2025		Soil	W25-My0052129			X				X		X
17	BH13_0.1	May 12, 2025		Soil	W25-My0052130			X				X		X
18	BH14_0.1	May 12, 2025		Soil	W25-My0052131			X				X		X
19	BH15_0.3	May 12, 2025		Soil	W25-My0052132			X				X		X
20	BH16_0.1	May 12, 2025		Soil	W25-My0052133			X				X		X
21	TRIP SPIKE	May 12, 2025		Soil	W25-My0052134								X	
22	TRIP BLANK	May 12, 2025		Soil	W25-My0052135						X			
23	BH01_0.5	May 12, 2025		Soil	W25-My0052137		X							
24	BH01_1.5	May 12, 2025		Soil	W25-My0052138		X							
25	BH01_2	May 12, 2025		Soil	W25-My0052139		X							
26	BH01_3	May 12, 2025		Soil	W25-My0052140		X							
27	BH02_0.1	May 12, 2025		Soil	W25-My0052141		X							
28	BH02_1	May 12, 2025		Soil	W25-My0052142		X							
29	BH03_0.5	May 12, 2025		Soil	W25-My0052143		X							
30	BH03_1	May 12, 2025		Soil	W25-My0052144		X							
31	BH04_1	May 12, 2025		Soil	W25-My0052145		X							

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Received: May 16, 2025 4:33 PM
Due: May 23, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						CANCELLED*	HOLD*	Moisture Set	Eurofins Suite B7	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
32	BH04_2	May 12, 2025		Soil	W25-My0052146		X							
33	BH04_2.5	May 12, 2025		Soil	W25-My0052147	X								
34	BH05_0.1	May 12, 2025		Soil	W25-My0052148		X							
35	BH05_1	May 12, 2025		Soil	W25-My0052149		X							
36	BH05_2	May 12, 2025		Soil	W25-My0052150		X							
37	BH05_3	May 12, 2025		Soil	W25-My0052151		X							
38	BH06_0.5	May 12, 2025		Soil	W25-My0052152		X							
39	BH06_1	May 12, 2025		Soil	W25-My0052153		X							
40	BH07_0.5	May 12, 2025		Soil	W25-My0052154		X							
41	BH09_0.5	May 12, 2025		Soil	W25-My0052155		X							
42	BH10_0.5	May 12, 2025		Soil	W25-My0052156		X							
43	BH11_0.5	May 12, 2025		Soil	W25-My0052157		X							
44	BH12_0.5	May 12, 2025		Soil	W25-My0052158		X							
45	BH13_0.5	May 12, 2025		Soil	W25-My0052159		X							
46	BH14_0.5	May 12, 2025		Soil	W25-My0052160		X							
47	BH15_0.1	May 12, 2025		Soil	W25-My0052161		X							
48	BH16_0.5	May 12, 2025		Soil	W25-My0052162		X							

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Project Name: MILTON PS
Project ID: 305001663

Order No.: 305001663
Report #: 1221381
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Sample Detail						CANCELLED*	HOLD*	Moisture Set	Eurofins Suite B7	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X	X	X	X	X	X
49	UNNAMED 1	May 12, 2025		Soil	W25-My0052163		X							
50	BH04_3.0	May 12, 2025		Soil	W25-My0059908		X							
Test Counts						1	27	20	3	1	1	17	1	16

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 (*bis*-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							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 1999 NEPM Fractions							
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Metals M8							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/kg	< 0.1			0.1	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Aroclor-1221	mg/kg	< 0.1			0.1	Pass	
Aroclor-1232	mg/kg	< 0.1			0.1	Pass	
Aroclor-1242	mg/kg	< 0.1			0.1	Pass	
Aroclor-1248	mg/kg	< 0.1			0.1	Pass	
Aroclor-1254	mg/kg	< 0.1			0.1	Pass	
Aroclor-1260	mg/kg	< 0.1			0.1	Pass	
Total PCB*	mg/kg	< 0.1			0.1	Pass	
Method Blank							
Phenols (Halogenated)							
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Tetrachlorophenols - Total	mg/kg	< 10			10	Pass	
Method Blank							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	mg/kg	< 20			20	Pass	
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
Dinoseb	mg/kg	< 20			20	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 1999 NEPM Fractions							
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 1999 NEPM Fractions							
TRH C6-C9	mg/kg	< 20			20	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	mg/kg	< 0.5			0.5	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Anthracene	%	106			70-130	Pass	
Benzo(k)fluoranthene	%	127			70-130	Pass	
Pyrene	%	105			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	125			70-130	Pass	
4.4'-DDD	%	109			70-130	Pass	
4.4'-DDE	%	115			70-130	Pass	
a-HCH	%	121			70-130	Pass	
Aldrin	%	124			70-130	Pass	
Dieldrin	%	124			70-130	Pass	
Endosulfan I	%	123			70-130	Pass	
Endosulfan II	%	124			70-130	Pass	
Heptachlor	%	129			70-130	Pass	
Hexachlorobenzene	%	119			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Ethion	%	114			70-130	Pass	
Fenitrothion	%	114			70-130	Pass	
Methyl parathion	%	128			70-130	Pass	
Mevinphos	%	96			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1016	%	118			70-130	Pass	
LCS - % Recovery							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	%	89			25-140	Pass	
2.4-Dinitrophenol	%	74			25-140	Pass	
LCS - % Recovery							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	128			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	86			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	84			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	68			50-150	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons - 1999 NEPM Fractions							
TRH C10-C14	%	108			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
TRH >C10-C16	%	108			70-130	Pass	
LCS - % Recovery							
Metals M8							
Arsenic	%	100			80-120	Pass	
Cadmium	%	101			80-120	Pass	
Chromium	%	98			80-120	Pass	
Copper	%	98			80-120	Pass	
Lead	%	96			80-120	Pass	
Mercury	%	100			80-120	Pass	
Nickel	%	97			80-120	Pass	
Zinc	%	98			80-120	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Acenaphthene	%	92			70-130	Pass	
Acenaphthylene	%	89			70-130	Pass	
Benz(a)anthracene	%	81			70-130	Pass	
Benzo(a)pyrene	%	76			70-130	Pass	
Benzo(b&j)fluoranthene	%	73			70-130	Pass	
Benzo(g.h.i)perylene	%	84			70-130	Pass	
Chrysene	%	81			70-130	Pass	
Dibenz(a.h)anthracene	%	96			70-130	Pass	
Fluoranthene	%	72			70-130	Pass	
Fluorene	%	83			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	87			70-130	Pass	
Naphthalene	%	94			70-130	Pass	
Phenanthrene	%	74			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
4.4'-DDT	%	90			70-130	Pass	
b-HCH	%	75			70-130	Pass	
d-HCH	%	70			70-130	Pass	
Endosulfan sulphate	%	86			70-130	Pass	
Endrin	%	95			70-130	Pass	
Endrin aldehyde	%	95			70-130	Pass	
Endrin ketone	%	103			70-130	Pass	
g-HCH (Lindane)	%	85			70-130	Pass	
Heptachlor epoxide	%	83			70-130	Pass	
Methoxychlor	%	83			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	120			70-130	Pass	
Dimethoate	%	107			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	78			70-130	Pass	
LCS - % Recovery							
Phenols (Halogenated)							
2-Chlorophenol	%	89			25-140	Pass	
2.4-Dichlorophenol	%	92			25-140	Pass	
2.4.5-Trichlorophenol	%	76			25-140	Pass	
2.4.6-Trichlorophenol	%	85			25-140	Pass	
2.6-Dichlorophenol	%	68			25-140	Pass	
4-Chloro-3-methylphenol	%	102			25-140	Pass	
Pentachlorophenol	%	89			25-140	Pass	
Tetrachlorophenols - Total	%	87			25-140	Pass	
LCS - % Recovery							
Phenols (non-Halogenated)							
2-Methyl-4.6-dinitrophenol	%	86			25-140	Pass	
2-Nitrophenol	%	99			25-140	Pass	
2.4-Dimethylphenol	%	93			25-140	Pass	
2-Methylphenol (o-Cresol)	%	94			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	98			25-140	Pass	
4-Nitrophenol	%	106			25-140	Pass	
Dinoseb	%	105			25-140	Pass	
Phenol	%	100			25-140	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons - 1999 NEPM Fractions							

Test			Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
TRH C10-C14			%	117			70-130	Pass	
LCS - % Recovery									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions									
TRH >C10-C16			%	97			70-130	Pass	
LCS - % Recovery									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions									
TRH C6-C9			%	89			70-130	Pass	
LCS - % Recovery									
BTEX									
Benzene			%	102			70-130	Pass	
Toluene			%	99			70-130	Pass	
Ethylbenzene			%	90			70-130	Pass	
m&p-Xylenes			%	95			70-130	Pass	
o-Xylene			%	96			70-130	Pass	
Xylenes - Total*			%	95			70-130	Pass	
LCS - % Recovery									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions									
Naphthalene			%	89			70-130	Pass	
TRH C6-C10			%	86			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1					
TRH C10-C14	S25-My0056503	NCP	%	128			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Benzo(b&j)fluoranthene	S25-My0037367	NCP	%	99			70-130	Pass	
Phenanthrene	S25-My0056786	NCP	%	76			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Methoxychlor	S25-My0048105	NCP	%	74			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	W25-My0052913	NCP	%	111			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1					
TRH >C10-C16	S25-My0056503	NCP	%	106			70-130	Pass	
Spike - % Recovery									
Metals M8				Result 1					
Arsenic	W25-My0052120	CP	%	93			75-125	Pass	
Cadmium	W25-My0052120	CP	%	96			75-125	Pass	
Chromium	W25-My0052120	CP	%	94			75-125	Pass	
Lead	W25-My0052120	CP	%	93			75-125	Pass	
Mercury	W25-My0052120	CP	%	97			75-125	Pass	
Nickel	W25-My0052120	CP	%	93			75-125	Pass	
Zinc	W25-My0052120	CP	%	111			75-125	Pass	
Spike - % Recovery									
Phenols (Halogenated)				Result 1					
Tetrachlorophenols - Total	S25-My0062926	NCP	%	80			30-130	Pass	
Spike - % Recovery									
Phenols (non-Halogenated)				Result 1					
2-Cyclohexyl-4.6-dinitrophenol	S25-My0062926	NCP	%	92			30-130	Pass	
2-Methyl-4.6-dinitrophenol	S25-My0062926	NCP	%	77			30-130	Pass	
2.4-Dinitrophenol	S25-My0062926	NCP	%	101			70-130	Pass	
4-Nitrophenol	S25-My0062926	NCP	%	102			30-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dinoseb	S25-My0062926	NCP	%	81			30-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1					
TRH C6-C9	W25-My0052123	CP	%	82			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	W25-My0052123	CP	%	72			70-130	Pass	
Toluene	W25-My0052123	CP	%	70			70-130	Pass	
Ethylbenzene	W25-My0052123	CP	%	80			70-130	Pass	
m&p-Xylenes	W25-My0052123	CP	%	81			70-130	Pass	
o-Xylene	W25-My0052123	CP	%	78			70-130	Pass	
Xylenes - Total*	W25-My0052123	CP	%	80			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1					
Naphthalene	W25-My0052123	CP	%	72			70-130	Pass	
TRH C6-C10	W25-My0052123	CP	%	82			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	W25-My0052123	CP	%	110			70-130	Pass	
Acenaphthylene	W25-My0052123	CP	%	89			70-130	Pass	
Anthracene	W25-My0052123	CP	%	125			70-130	Pass	
Benz(a)anthracene	W25-My0052123	CP	%	75			70-130	Pass	
Benzo(a)pyrene	W25-My0052123	CP	%	99			70-130	Pass	
Benzo(g.h.i)perylene	W25-My0052123	CP	%	124			70-130	Pass	
Benzo(k)fluoranthene	W25-My0052123	CP	%	105			70-130	Pass	
Chrysene	W25-My0052123	CP	%	122			70-130	Pass	
Dibenz(a.h)anthracene	W25-My0052123	CP	%	96			70-130	Pass	
Fluoranthene	W25-My0052123	CP	%	113			70-130	Pass	
Fluorene	W25-My0052123	CP	%	116			70-130	Pass	
Indeno(1.2.3-cd)pyrene	W25-My0052123	CP	%	95			70-130	Pass	
Naphthalene	W25-My0052123	CP	%	109			70-130	Pass	
Pyrene	W25-My0052123	CP	%	116			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	W25-My0052123	CP	%	99			70-130	Pass	
4.4'-DDD	W25-My0052123	CP	%	93			70-130	Pass	
4.4'-DDE	W25-My0052123	CP	%	115			70-130	Pass	
4.4'-DDT	W25-My0052123	CP	%	75			70-130	Pass	
a-HCH	W25-My0052123	CP	%	98			70-130	Pass	
Aldrin	W25-My0052123	CP	%	98			70-130	Pass	
b-HCH	W25-My0052123	CP	%	85			70-130	Pass	
d-HCH	W25-My0052123	CP	%	100			70-130	Pass	
Dieldrin	W25-My0052123	CP	%	98			70-130	Pass	
Endosulfan I	W25-My0052123	CP	%	98			70-130	Pass	
Endosulfan II	W25-My0052123	CP	%	110			70-130	Pass	
Endosulfan sulphate	W25-My0052123	CP	%	115			70-130	Pass	
Endrin	W25-My0052123	CP	%	124			70-130	Pass	
Endrin aldehyde	W25-My0052123	CP	%	110			70-130	Pass	
Endrin ketone	W25-My0052123	CP	%	118			70-130	Pass	
g-HCH (Lindane)	W25-My0052123	CP	%	123			70-130	Pass	
Heptachlor	W25-My0052123	CP	%	97			70-130	Pass	
Heptachlor epoxide	W25-My0052123	CP	%	92			70-130	Pass	
Hexachlorobenzene	W25-My0052123	CP	%	100			70-130	Pass	
Spike - % Recovery									

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Organophosphorus Pesticides				Result 1					
Dimethoate	W25-My0052123	CP	%	109			70-130	Pass	
Ethion	W25-My0052123	CP	%	129			70-130	Pass	
Fenitrothion	W25-My0052123	CP	%	72			70-130	Pass	
Methyl parathion	W25-My0052123	CP	%	92			70-130	Pass	
Mevinphos	W25-My0052123	CP	%	125			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	W25-My0052123	CP	%	99			70-130	Pass	
Aroclor-1260	W25-My0052123	CP	%	93			70-130	Pass	
Spike - % Recovery									
Phenols (Halogenated)				Result 1					
2-Chlorophenol	W25-My0052123	CP	%	87			30-130	Pass	
2.4-Dichlorophenol	W25-My0052123	CP	%	76			30-130	Pass	
2.4.5-Trichlorophenol	W25-My0052123	CP	%	87			30-130	Pass	
2.4.6-Trichlorophenol	W25-My0052123	CP	%	78			30-130	Pass	
2.6-Dichlorophenol	W25-My0052123	CP	%	86			30-130	Pass	
4-Chloro-3-methylphenol	W25-My0052123	CP	%	81			30-130	Pass	
Spike - % Recovery									
Phenols (non-Halogenated)				Result 1					
2-Nitrophenol	W25-My0052123	CP	%	87			30-130	Pass	
2.4-Dimethylphenol	W25-My0052123	CP	%	81			30-130	Pass	
2-Methylphenol (o-Cresol)	W25-My0052123	CP	%	90			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	W25-My0052123	CP	%	92			30-130	Pass	
Phenol	W25-My0052123	CP	%	87			30-130	Pass	
Spike - % Recovery									
Metals M8				Result 1					
Cadmium	W25-My0052124	CP	%	91			75-125	Pass	
Chromium	W25-My0052124	CP	%	88			75-125	Pass	
Copper	W25-My0052124	CP	%	89			75-125	Pass	
Lead	W25-My0052124	CP	%	85			75-125	Pass	
Mercury	W25-My0052124	CP	%	95			75-125	Pass	
Nickel	W25-My0052124	CP	%	89			75-125	Pass	
Zinc	W25-My0052124	CP	%	90			75-125	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	W25-My0052131	CP	%	117			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	W25-My0052131	CP	%	97			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	W25-My0052131	CP	%	73			50-150	Pass	
Perfluorooctanoic acid (PFOA)	W25-My0052131	CP	%	65			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	W25-My0052114	CP	%	27	27	1.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1	Result 2	RPD			
TRH C6-C9	W25-My0052121	CP	mg/kg	< 20	< 20	<1	30%	Pass	

Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	W25-My0052121	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	W25-My0052121	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	W25-My0052121	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	W25-My0052121	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	W25-My0052121	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	W25-My0052121	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	W25-My0052121	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	W25-My0052121	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1	Result 2	RPD			
TRH C10-C14	W25-My0052124	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	W25-My0052124	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	W25-My0052124	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	W25-My0052124	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Methoxychlor	W25-My0052124	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	W25-My0052124	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	W25-My0052124	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	W25-My0052124	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	W25-My0052124	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	W25-My0052124	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	W25-My0052124	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	W25-My0052124	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	W25-My0052124	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	W25-My0052124	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	W25-My0052124	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	W25-My0052124	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	W25-My0052124	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	W25-My0052124	CP	mg/kg	< 1	< 1	<1	30%	Pass	

Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2.6-Dichlorophenol	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	W25-My0052124	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	W25-My0052124	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	W25-My0052124	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	W25-My0052124	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	W25-My0052124	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	W25-My0052124	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	W25-My0052124	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	W25-My0052124	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	W25-My0052124	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	W25-My0052124	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	W25-My0052124	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	W25-My0052124	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
TRH >C10-C16	W25-My0052124	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	W25-My0052124	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	W25-My0052124	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1	Result 2	RPD			
TRH C10-C14	W25-My0052125	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	W25-My0052125	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	W25-My0052125	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	W25-My0052125	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Dieldrin	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	W25-My0052125	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	W25-My0052125	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	W25-My0052125	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	W25-My0052125	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	W25-My0052125	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	W25-My0052125	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	W25-My0052125	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	W25-My0052125	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	W25-My0052125	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	W25-My0052125	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	W25-My0052125	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	W25-My0052125	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	W25-My0052125	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	W25-My0052125	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	W25-My0052125	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	W25-My0052125	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	W25-My0052125	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	W25-My0052125	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	W25-My0052125	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	W25-My0052125	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	W25-My0052125	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	W25-My0052125	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	W25-My0052125	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	W25-My0052125	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	W25-My0052125	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	W25-My0052125	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
TRH >C10-C16	W25-My0052125	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	W25-My0052125	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	W25-My0052125	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	W25-My0052125	CP	%	27	27	1.0	30%	Pass	
Duplicate									
Metals M8				Result 1	Result 2	RPD			
Arsenic	W25-My0052126	CP	mg/kg	5.1	4.8	6.0	30%	Pass	
Cadmium	W25-My0052126	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	W25-My0052126	CP	mg/kg	11	9.9	10	30%	Pass	
Copper	W25-My0052126	CP	mg/kg	35	22	47	30%	Fail	Q15
Lead	W25-My0052126	CP	mg/kg	15	16	3.0	30%	Pass	
Mercury	W25-My0052126	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	W25-My0052126	CP	mg/kg	13	11	19	30%	Pass	
Zinc	W25-My0052126	CP	mg/kg	55	47	16	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1	Result 2	RPD			
TRH C6-C9	W25-My0052128	CP	mg/kg	< 20	< 20	<1	30%	Pass	

Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	W25-My0052128	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	W25-My0052128	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	W25-My0052128	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	W25-My0052128	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	W25-My0052128	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	W25-My0052128	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	W25-My0052128	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	W25-My0052128	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	W25-My0052132	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	W25-My0052132	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	W25-My0052132	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	W25-My0052132	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 1999 NEPM Fractions				Result 1	Result 2	RPD			
TRH C6-C9	W25-My0052133	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	W25-My0052133	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	W25-My0052133	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	W25-My0052133	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	W25-My0052133	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	W25-My0052133	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	W25-My0052133	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	W25-My0052133	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH C6-C10	W25-My0052133	CP	mg/kg	< 20	< 20	<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
G01	The LORs have been raised due to matrix interference
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.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
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:

Adam Bateup	Analytical Services Manager
Mickael Ros	Senior Analyst-Metal
Ryan Phillips	Senior Analyst-Sample Properties
Roopesh Rangarajan	Senior Analyst-PFAS
Raymond Siu	Senior Analyst-Volatile
Roopesh Rangarajan	Senior Analyst-Organic

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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Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: [redacted]
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N

Sample Temperature on Arrival: -0.4°C chill

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments	
	TP101_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS	Relinquished By: Sanka Gunarathna
	TP101_0.3	5/27/2025	Soil	GJ,B,PJ																		1							
	TP101_0.5	5/27/2025	Soil	GJ,B,ASSB																		1							Company: Stantec Date: 03/06/25
	TP101_1	5/27/2025	Soil	GJ,B																		1							
	TP101_1.4	5/27/2025	Soil	GJ																		1							Received By:
	TP102_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1						1							1			1			S-26	STD 8 METALS	
	TP102_0.3	5/27/2025	Soil	GJ,B,PJ																		1							Company: Time:
	TP102_0.5	5/27/2025	Soil	GJ,ASSB																		1							Date:
	TP103_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS	Relinquished By:
	TP103_0.3	5/27/2025	Soil	GJ,B,PJ																		1							
	TP103_0.5	5/27/2025	Soil	GJ																		1							Company: Time:
	TP104_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1						1		1					1			1			S-27	STD 8 METALS	Date:
	TP104_0.3	5/27/2025	Soil	GJ,B,PJ																		1							Received By:
	TP104_0.5	5/27/2025	Soil	GJ																		1							
	TP105_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1						1							1						S-26	STD 8 METALS	Company: Time:
				Total	5		5	5	2	2	2			5		3					5	10							Date:

Riham Al Smayd! 3/6 3:39 pm

1228331

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP105_0.3	5/27/2025	Soil	GJ,B,PJ																	1								
	TP105_0.5	5/27/2025	Soil	GJ																	1								
	TP106_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1						1							1			1			S-26	STD 8 METALS
	TP106_0.2	5/27/2025	Soil	GJ																	1								
	TP107_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP107_0.3	5/27/2025	Soil	GJ																	1								
	TP108_0.1	5/27/2025	Soil	GJ,B,PJ																	1			1					
	TP108_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1						1					S-19	STD 8 METALS
	TP108_0.5	5/27/2025	Soil	GJ,B,PJ																		1							
	TP108_1	5/27/2025	Soil	GJ,ASSB															1										
	TP109_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1													1			1			S-7	STD 8 METALS
	TP109_0.3	5/27/2025	Soil	GJ																		1							
	TP110_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP110_0.3	5/27/2025	Soil	GJ,B,PJ																		1							
	TP110_0.5	5/27/2025	Soil	GJ																				1					
				Total	5		5	5	3	3	3			4		3			1		5	8							

Chain of Custody

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Phone: (02) 4231 9600
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Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP111_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP111_0.3	5/27/2025	Soil	GJ,B,PJ																	1							
	TP111_0.7	5/27/2025	Soil	GJ,B,PJ																		1						
	TP111_1.1	5/27/2025	Soil	GJ,ASSB															1									
	TP112_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP112_0.3	5/27/2025	Soil	GJ,B,PJ																		1						
	TP112_0.5	5/27/2025	Soil	GJ,B																		1						
	TP112_1	5/27/2025	Soil	GJ																		1						
	TP113_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP113_0.3	5/27/2025	Soil	GJ,B,PJ																		1						
	TP113_0.5	5/27/2025	Soil	GJ,B																		1						
	TP114_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1													1			1			S-7	STD 8 METALS
	TP114_0.3	5/27/2025	Soil	GJ,B																		1						
	TP114_0.7	5/27/2025	Soil	GJ																		1						
	TP115_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
				Total	5		5	5	4	4	4			4		4			1		6	8						

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP115_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1													S-16	STD 8 METALS
	TP115_0.5	5/27/2025	Soil	GJ,B																		1						
	TP115_1	5/27/2025	Soil	GJ,B																		1						
	TP115_1.5	5/27/2025	Soil	GJ,B																		1						
	TP115_2	5/27/2025	Soil	GJ,ASSB																				1				
	TP116_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP116_0.3	5/28/2025	Soil	GJ,B,PJ																		1						
	TP116_0.5	5/28/2025	Soil	GJ,B	1		1							1													S-5	STD 8 METALS
	TP116_1	5/28/2025	Soil	GJ,B																		1						
	TP117_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1						1							1			1			S-26	STD 8 METALS
	TP117_0.3	5/28/2025	Soil	GJ,B,PJ																		1						
	TP117_0.5	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1											S-19	STD 8 METALS
	TP117_1	5/28/2025	Soil	GJ,B																		1						
	TP117_1.3	5/28/2025	Soil	GJ																		1						
	TP118_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1						1		1					1			1			S-27	STD 8 METALS
				Total	6		6	5	3	3	3			6		3					3	8						

Chain of Custody

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Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP118_0.3	5/28/2025	Soil	GJ,B																		1						
	TP118_0.5	5/28/2025	Soil	GJ,B																		1						
	TP118_1	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1											S-19	STD 8 METALS
	TP118_1.5	5/28/2025	Soil	GJ,B																		1						
	TP118_2	5/28/2025	Soil	GJ,B																		1						
	TP118_2.5	5/28/2025	Soil	GJ																		1						
	TP119_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP119_0.3	5/28/2025	Soil	GJ,B																		1						
	TP119_0.5	5/28/2025	Soil	GJ,B																		1						
	TP119_1	5/28/2025	Soil	GJ																		1						
	TP120_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP120_0.3	5/28/2025	Soil	GJ,B																		1						
	TP120_0.7	5/28/2025	Soil	GJ																		1						
	TP121_0.1	5/28/2025	Soil	GJ,B,PJ																	1			1				
	TP121_0.3	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1											S-19	STD 8 METALS
				Total	4		4	4	4	4	4			4		4					3	10						

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: [redacted]
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N

Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container (Plastic Tube – PT; Bag – B; Acid Sulfate – ASSB; Plastic Bottle – PB; Plastic Jar - PJ; Glass Jar – GJ; Glass Bottle – GB; Glass Vial - GV)	TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
					Analytes																							
					Single Analytes																							
	TP121_0.7	5/28/2025	Soil	GJ,ASSB														1			1						S-16	STD 8 METALS
	TP122_0.1	5/28/2025	Soil	GJ,B,PJ		1		1	1	1	1	1		1								1						
	TP122_0.3	5/28/2025	Soil	GJ,B,PJ																		1						
	TP122_0.5	5/28/2025	Soil	GJ,B																		1						
	TP122_1	5/28/2025	Soil	GJ,B																		1						
	TP122_1.7	5/28/2025	Soil	GJ																		1						
	TP122_2.2	5/28/2025	Soil	GJ																		1			1		S-19	STD 8 METALS
	TP122_2.7	5/28/2025	Soil	GJ																		1					S-26	STD 8 METALS
	TP123_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1						1						
	TP123_0.5	5/28/2025	Soil	GJ,B	1		1	1						1								1						
	TP123_1	5/28/2025	Soil	GJ,B																		1						
	TP123_1.5	5/28/2025	Soil	GJ																		1						
	TP123_2.5	5/28/2025	Soil	GJ																		1						
	TP123_3.5	5/28/2025	Soil	GJ																		1			1		S-19	STD 8 METALS
	TP124_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1						1						
				Total	4		4	4	3	3	3			4		2				1		4	9					

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
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Mobile: **(+61) 488 706 367**

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Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: [redacted]
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S 3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
					Analytes																							
					Single Analytes																							
	TP124_0.3	5/28/2025	Soil	GJ,B																		1						
	TP124_0.8	5/28/2025	Soil	GJ																	1			1				
	TP125_0.1	5/28/2025	Soil	GJ,B,PJ																							S-19	STD 8 METALS
	TP125_0.3	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1												
	TP126_0.1	5/28/2025	Soil	GJ,B,PJ																	1							
	TP126_0.3	5/28/2025	Soil	GJ,B																		1						
	TP126_0.5	5/28/2025	Soil	GJ																	1			1			S-19	STD 8 METALS
	TP127_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1						1						
	TP127_0.3	5/28/2025	Soil	GJ,B																		1						
	TP127_0.5	5/28/2025	Soil	GJ																	1			1			S-19	STD 8 METALS
	HA101_0.1	5/29/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1						1						
	HA101_0.3	5/29/2025	Soil	GJ,B,PJ																		1						
	HA101_0.5	5/29/2025	Soil	GJ,B																		1						
	HA101_1	5/29/2025	Soil	GJ																	1			1				
	HA102_0.1	5/29/2025	Soil	GJ,B,PJ																	5	9						
				Total	3		3	3	3	3	3			3		3												

Chain of Custody

Stantec

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Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container	TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
				Container	Analytes																							
					Single Analytes																							
				Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV																								
	HA102_0.3	5/29/2025	Soil	GJ,B																		1						
	HA102_0.5	5/29/2025	Soil	GJ																		1						
	HA102_0.9	5/29/2025	Soil	GJ,B																					1			
	HA102-ACM-0-0.2	5/29/2025	Building Mat	B																	1			1				
	HA103_0.1	5/29/2025	Soil	GJ,B,PJ																		1						
	HA103_0.5	5/29/2025	Soil	GJ,B,PJ																		1						
	HA103_0.8	5/29/2025	Soil	GJ																				1			W-19	STD 8 METALS
	SW-01	5/29/2025	Water	2GV,4PB,,GB	1		1	1	1	1	1		1	1										1			W-19	STD 8 METALS
	SW-02	5/29/2025	Water	2GV,4PB,,GB	1		1	1	1	1	1		1	1										1			W-19	STD 8 METALS
	SW-03	5/29/2025	Water	2GV,4PB,,GB	1		1	1	1	1	1		1	1													S-19	STD 8 METALS
	SED-1	5/29/2025	Soil	GJ	1		1	1	1	1	1		1	1													S-19	STD 8 METALS
	SED-2	5/29/2025	Soil	GJ	1		1	1	1	1	1		1	1													S-19	STD 8 METALS
	SED-3	5/29/2025	Soil	GJ	1		1	1	1	1	1		1	1											1		W-19	STD 8 METALS
	QA400	5/29/2025	Water	2GV,4PB,,GB	1		1	1	1	1	1		1	1										1	1		W-19	STD 8 METALS , send to ALS
	QC400	5/29/2025	Water	2GV,4PB,,GB	1		1	1	1	1	1		1	1								1	5	1				
				Total	8		8	8	8	8	8		8	8														

Chain of Custody

Stantec

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Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N

Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes Single Analytes TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	QA300	5/29/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1								1			S-19	STD 8 METALS
	QC300	5/29/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1									1		S-19	STD 8 METALS, send to ALS
	QA100	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1									1		S-19	STD 8 METALS
	QC100	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1								1	1		S-19	STD 8 METALS, send to ALS
	QA101	5/27/2025	Soil	GJ,PJ																		1						
	QC101	5/27/2025	Soil	GJ,PJ																		1						
	QA102	5/27/2025	Soil	GJ,PJ																		1						
	QC102	5/27/2025	Soil	GJ,PJ																		1						
	QA103	5/27/2025	Soil	GJ,PJ																		1						
	QC103	5/27/2025	Soil	GJ,PJ																				1			S-19	STD 8 METALS
	QA200	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1							1	1			S-19	STD 8 METALS, send to ALS
	QC200	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1						1						
	QA201	5/28/2025	Soil	GJ,PJ																		1						
	QC201	5/28/2025	Soil	GJ,PJ																							S-19	STD 8 METALS
	QA301	5/29/2025	Soil	PJ	1		1	1	1	1	1			1		1						8	2					
				Total	7		7	7	7	7	7			7		7												

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address: 179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N

Sample Temperature on Arrival: ____________

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container (Plastic Tube – PT, Bag – B, Acid Sulfate – ASSB, Plastic Bottle – PB, Plastic Jar - PJ, Glass Jar – GJ, Glass Bottle – GB, Glass Vial - GV)	TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	QC301	5/29/2025	Soil	PJ	1		1	1	1	1	1			1		1							1				S-19	STD 8 METALS, send to ALS
	Rin-G	28/05/2025	Water	2GV,3PB,,GB																		1						
	Rin-H	29/05/2025	Water	2GV,3PB,,GB	1		1	1	1	1	1			1		1								1			W-19	STD 8 METALS
	Rin-SC	29/05/2025	Water	2GV,3PB,,GB	1		1	1	1	1	1			1		1								1			W-19	STD 8 METALS
	Trip Blank	23/05/2025	Soil	GV			1																				S-4	
	Trip Spike	23/05/2025	Soil	GV			1																				S-4	
	Rin-PFAS	29/05/2025	Water	PB																		1						
				Total	3		5	3	3	3	3			3		3						2	1					

updated COC:

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: **Stantec Rates 2024**
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y/N (Y circled)

Sample Temperature on Arrival: -0.4°C

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container (Plastic Tube – PT; Bag – B; Acid Sulfate – ASSB; Plastic Bottle – PB; Plastic Jar - PJ; Glass Jar – GJ; Glass Bottle – GB; Glass Vial - GV)	TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments	
					Analytes – Single Analytes																									
	TP101_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS	Relinquished By: Sanka Gunarathna
	TP101_0.3	5/27/2025	Soil	GJ,B,PJ																		1							
	TP101_0.5	5/27/2025	Soil	GJ,B,ASSB																		1							Company: Stantec
	TP101_1	5/27/2025	Soil	GJ,B																		1							Date: 04/06/25
	TP101_1.4	5/27/2025	Soil	GJ																		1							Received By:
	TP102_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1								1			B10C	STD 8 METALS	
	TP102_0.3	5/27/2025	Soil	GJ,B,PJ																		1							Company:
	TP102_0.5	5/27/2025	Soil	GJ,ASSB																		1							Time: Date:
	TP103_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS	Relinquished By:
	TP103_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1						1								1					B7	STD 8 METALS	
	TP103_0.5	5/27/2025	Soil	GJ																		1							Company: Time:
	TP104_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1				1										1			B10	STD 8 METALS	Date:
	TP104_0.3	5/27/2025	Soil	GJ,B,PJ																		1							Received By:
	TP104_0.5	5/27/2025	Soil	GJ																		1							
	TP105_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1				1										1			B10	STD 8 METALS	Company: Time:
				Total	6		6	6	5	5	3			6		3					2	10							Date:

Chain of Custody

Stantec

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Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: **Stantec Rates 2024**
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP105_0.3	5/27/2025	Soil	GJ,B,PJ																		1							
	TP105_0.5	5/27/2025	Soil	GJ																		1							
	TP106_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1				1										1			B10	STD 8 METALS
	TP106_0.2	5/27/2025	Soil	GJ																		1							
	TP107_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP107_0.3	5/27/2025	Soil	GJ																		1							
	TP108_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1						1					1		1			1			B7	STD 8 METALS
	TP108_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1			1								B10C	STD 8 METALS
	TP108_0.5	5/27/2025	Soil	GJ,B,PJ															1										
	TP108_1	5/27/2025	Soil	GJ,ASSB	1		1	1						1					1								B7	STD 8 METALS
	TP109_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1														1			B4+B14	STD 8 METALS
	TP109_0.3	5/27/2025	Soil	GJ																		1							
	TP110_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP110_0.3	5/27/2025	Soil	GJ,B,PJ																		1							
	TP110_0.5	5/27/2025	Soil	GJ																		1							
				Total	7		7	7	5	5	3			6		3			4		3	7							

Chain of Custody

Stantec

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Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP111_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP111_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1						1							1						B7	STD 8 METALS
	TP111_0.7	5/27/2025	Soil	GJ,B,PJ																		1						
	TP111_1.1	5/27/2025	Soil	GJ,ASSB																		1						
	TP112_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1			1					1			B10C	STD 8 METALS
	TP112_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1			1					1			B10C	STD 8 METALS
	TP112_0.5	5/27/2025	Soil	GJ,B															1			1						
	TP112_1	5/27/2025	Soil	GJ																		1						
	TP113_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1				1		1								1			B7A+B14	STD 8 METALS
	TP113_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1						B10C	STD 8 METALS
	TP113_0.5	5/27/2025	Soil	GJ,B																		1						
	TP114_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1				1										1			B10	STD 8 METALS
	TP114_0.3	5/27/2025	Soil	GJ,B																		1						
	TP114_0.7	5/27/2025	Soil	GJ																		1						
	TP115_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
				Total	8		8	8	7	7	5			8		6			3		4	7						

Chain of Custody

Stantec

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16 Burelli St
Wollongong NSW 2500
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To: Eurofins Wollongong
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179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N **Sample Temperature on Arrival:** _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	~~Metals (exc. Hg)~~	~~Metals (inc. Hg)~~	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP115_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1						1													B7	STD 8 METALS
	TP115_0.5	5/27/2025	Soil	GJ,B	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP115_1	5/27/2025	Soil	GJ,B																		1						
	TP115_1.5	5/27/2025	Soil	GJ,B																		1						
	TP115_2	5/27/2025	Soil	GJ,ASSB																		1						
	TP116_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP116_0.3	5/28/2025	Soil	GJ,B,PJ																		1						
	TP116_0.5	5/28/2025	Soil	GJ,B	1		1	1						1							1						B7	STD 8 METALS
	TP116_1	5/28/2025	Soil	GJ,B																		1						
	TP117_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1						1							1			1			B7	STD 8 METALS
	TP117_0.3	5/28/2025	Soil	GJ,B,PJ																		1						
	TP117_0.5	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP117_1	5/28/2025	Soil	GJ,B																		1						
	TP117_1.3	5/28/2025	Soil	GJ																		1						
	TP118_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1				1		1			1		1			1			B7A+B14	STD 8 METALS
				Total	7		7	7	4	4	3			7		4			1		6	8						

Chain of Custody

Stantec

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Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP118_0.3	5/28/2025	Soil	GJ,B														1			1						
	TP118_0.5	5/28/2025	Soil	GJ,B														1			1						
	TP118_1	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1			1		1			1			B10C	STD 8 METALS
	TP118_1.5	5/28/2025	Soil	GJ,B															1			1						
	TP118_2	5/28/2025	Soil	GJ,B															1			1						
	TP118_2.5	5/28/2025	Soil	GJ																		1						
	TP119_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP119_0.3	5/28/2025	Soil	GJ,B																		1						
	TP119_0.5	5/28/2025	Soil	GJ,B																		1						
	TP119_1	5/28/2025	Soil	GJ																		1						
	TP120_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP120_0.3	5/28/2025	Soil	GJ,B																		1						
	TP120_0.7	5/28/2025	Soil	GJ																		1						
	TP121_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP121_0.3	5/28/2025	Soil	GJ,B	1		1	1						1		1					1						B7A	STD 8 METALS
				Total	5		5	5	4	4	4			5		5			5		5	10						

Chain of Custody

Stantec

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Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: **Stantec Rates 2024**
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead (M7)	Metals (exc. Hg) (M8)	Metals (inc. Hg) (M15)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP121_0.7	5/28/2025	Soil	GJ,ASSB																	1						
	TP122_0.1	5/28/2025	Soil	GJ,B,PJ																	1						
	TP122_0.3	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1									1			B10B	STD 8 METALS
	TP122_0.5	5/28/2025	Soil	GJ,B																		1					
	TP122_1	5/28/2025	Soil	GJ,B																		1					
	TP122_1.7	5/28/2025	Soil	GJ																		1					
	TP122_2.2	5/28/2025	Soil	GJ																		1					
	TP122_2.7	5/28/2025	Soil	GJ	1		1	1						1												B7	STD 8 METALS
	TP123_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1			1		1			1		B10C	STD 8 METALS
	TP123_0.5	5/28/2025	Soil	GJ,B	1		1	1						1					1		1			1		B7	STD 8 METALS
	TP123_1	5/28/2025	Soil	GJ,B															1			1					
	TP123_1.5	5/28/2025	Soil	GJ															1			1					
	TP123_2.5	5/28/2025	Soil	GJ															1			1					
	TP123_3.5	5/28/2025	Soil	GJ															1			1					
	TP124_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1		B10C	STD 8 METALS
				Total	5		5	5	3	3	3			5		2			6		5	8					

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP124_0.3	5/28/2025	Soil	GJ,B	1		1	1						1							1	1					B7	STD 8 METALS
	TP124_0.8	5/28/2025	Soil	GJ																		1						
	TP125_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP125_0.3	5/28/2025	Soil	GJ,B																	1							STD 8 METALS
	TP126_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP126_0.3	5/28/2025	Soil	GJ,B																		1						
	TP126_0.5	5/28/2025	Soil	GJ																		1						
	TP127_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP127_0.3	5/28/2025	Soil	GJ,B																		1						
	TP127_0.5	5/28/2025	Soil	GJ																		1						
	HA101_0.1	5/29/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	HA101_0.3	5/29/2025	Soil	GJ,B,PJ																		1						
	HA101_0.5	5/29/2025	Soil	GJ,B																		1						
	HA101_1	5/29/2025	Soil	GJ																		1						
	HA102_0.1	5/29/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
				Total	6		6	6	5	5	5			6		5					7	9						

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Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N **Sample Temperature on Arrival:** _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	HA102_0.3	5/29/2025	Soil	GJ,B																		1						
	HA102_0.5	5/29/2025	Soil	GJ																		1						
	HA102_0.9	5/29/2025	Soil	GJ,B	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	HA102-ACM-0-0.2	5/29/2025	Building Mat	B																					1			
	HA103_0.1	5/29/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	HA103_0.5	5/29/2025	Soil	GJ,B,PJ																		1						
	HA103_0.8	5/29/2025	Soil	GJ																		1						
	SED-1	5/29/2025	Soil	GJ	1		1	1	1	1	1			1		1											B10C	STD 8 METALS
	SED-2	5/29/2025	Soil	GJ	1		1	1	1	1	1			1		1											B10C	STD 8 METALS
	SED-3	5/29/2025	Soil	GJ	1		1	1	1	1	1			1		1											B10C	STD 8 METALS
				Total	10		10	10	10	10	10			10		10					2	4	1					

Chain of Custody

Stantec

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16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
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Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

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Address: Unit 16
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Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	QA300	5/29/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1							1			B10C	STD 8 METALS
	QC300	5/29/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1										B10C	STD 8 METALS, send to ALS
	QA100	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1							1			B10C	STD 8 METALS
	QC100	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1						1	1			B10C	STD 8 METALS, send to ALS
	QA101	5/27/2025	Soil	GJ,PJ																	1						
	QC101	5/27/2025	Soil	GJ,PJ																	1						
	QA102	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1							1			B10C	STD 8 METALS
	QC102	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1						1	1			B10C	STD 8 METALS Send to ALS
	QA103	5/27/2025	Soil	GJ,PJ																	1						
	QC103	5/27/2025	Soil	GJ,PJ																	1						
	QA200	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1							1			B10C	STD 8 METALS
	QC200	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1						1	1			B10C	STD 8 METALS, send to ALS
	QA201	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1			1				1			B10C	STD 8 METALS
	QC201	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1			1			1	1			B10C	STD 8 METALS send to ALS
	QA301	5/29/2025	Soil	PJ	1		1	1	1	1	1			1		1										B10C	STD 8 METALS
				Total	11		11	11	11	11	11			11		11			2			4	4				

Chain of Custody

Stantec

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Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	QC301	5/29/2025	Soil	PJ	1		1	1	1	1	1			1		1							1				B10C	STD 8 METALS, send to ALS
	Rin-G	28/05/2025	Water	2GV,3PB,,GB																		1							
	Rin-H	29/05/2025	Water	2GV,3PB,,GB	1		1	1	1	1	1			1		1								1			B10C	STD 8 METALS
	Rin-SC	29/05/2025	Water	2GV,3PB,,GB	1		1	1	1	1	1			1		1								1			B10C	STD 8 METALS
	Trip Blank	23/05/2025	Soil	GV			1																						
	Trip Spike	23/05/2025	Soil	GV			1																						
	Rin-PFAS	29/05/2025	Water	PB																		1							
	SP1	28/05/2025	Soil	GJ,PJ,B	1		1	1	1	1	1			1		1					1			1			B10C	
				Total	4		6	4	4	4	4			4		4					1	2	1						

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Eurofins Environment Testing Australia Pty Ltd

ABN: 50 005 085 521

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

Eurofins ARL Pty Ltd

ABN: 91 05 0159 898

Perth
46-48 Banksia Road
Welshpool
WA 6106
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NATA# 2377
Site# 2370 & 2554

Eurofins Environment Testing NZ Ltd

NZBN: 9429046024954

Auckland	Auckland (Focus)	Christchurch	Tauranga
35 O'Rorke Road	Unit C1/4 Pacific Rise	43 Detroit Drive	1277 Cameron Road
Penrose	Mount Wellington	Rolleston	Gate Pa
Auckland 1061	Auckland 1061	Christchurch 7675	Tauranga 3112
+64 9 526 4551	+64 9 525 0568	+64 3 343 5201	+64 9 525 0568
IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Sample Receipt Advice

Company name:	Stantec Australia Pty Ltd (NSW/ACT)
Contact name:	Callum Laker
Project name:	MILTON PS
Project ID:	3050016633
Turnaround time:	5 Day
Date/Time received	Jun 3, 2025 3:39 PM
Eurofins reference	1228331

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.
- ✓ 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

QC300,QC100,QC200,QC201,QC102 & QC301' forward to ALS. Received double glass jars for samples "TP118_1.5 & TP108_0.5", one of these will be labelled as "TP118_1.5_B & TP108_0.5_B" until confirmation, pictures will be sent in a separate email. Received extra jar sample labelled "SP1", logged on hold. No assbag received for "TP121_0.7", ASS PH analysis will be conducted from the jar. No asbestos bag received for "TP105_0.3".Received a double of asbestos bag labelled "TP103_0.3" (one with sampling's date 27/5 and the other one 23/5),Picture will be sent in a separate email. No pfas jar received for :'TP117_0.5,TP118_1,TP123_0.5,TP115_0.5 & HA102_0.9', Pfas analysis will be conducted from the glass jar.

Contact

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

Roopesh Rangarajan on phone : +61 2 9900 8400 or by email: EnviroSampleNSW@eurofinsanz.com

Results will be delivered electronically via email to Callum Laker - callum.laker@stantec.com.

Note: A copy of these results will also be delivered to the general Stantec Australia Pty Ltd (NSW/ACT) email address.

eurofins

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

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Melbourne	Geelong	Sydney	Canberra	Brisbane	Newcastle
6 Monterey Road	19/8 Lewalan Street	179 Magowar Road	Unit 1,2 Dacre Street	1/21 Smallwood Place	1/2 Frost Drive
Dandenong South	Grovedale	Girraween	Mitchell	Murarrie	Mayfield West
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
External Laboratory										X													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																		
1	TP101_0.1	May 27, 2025		Soil	S25-Jn0010706	X								X						X			X
2	TP102_0.1	May 27, 2025		Soil	S25-Jn0010707									X						X			X
3	TP103_0.1	May 27, 2025		Soil	S25-Jn0010708	X								X						X			X
4	TP104_0.1	May 27, 2025		Soil	S25-Jn0010709									X	X					X			
5	TP105_0.1	May 27, 2025		Soil	S25-Jn0010710									X	X					X			
6	TP106_0.1	May 27, 2025		Soil	S25-Jn0010711									X	X					X			
7	TP107_0.1	May 27, 2025		Soil	S25-Jn0010712	X								X						X			X
8	TP108_0.1	May 27, 2025		Soil	S25-Jn0010713	X					X			X		X				X			
9	TP108_0.3	May 27, 2025		Soil	S25-Jn0010714						X			X									X
10	TP108_1	May 27, 2025		Soil	S25-Jn0010715						X			X		X							
11	TP109_0.1	May 27, 2025		Soil	S25-Jn0010716								X	X			X			X			
12	TP110_0.1	May 27, 2025		Soil	S25-Jn0010717	X								X						X			X
13	TP110_0.5	May 27, 2025		Soil	S25-Jn0010718				X														

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

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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NATA# 2377
Site# 2370 & 2554

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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
14	TP111_0.1	May 27, 2025		Soil	S25-Jn0010719	X								X						X			X
15	TP111_0.3	May 27, 2025		Soil	S25-Jn0010720	X								X		X							
16	TP111_1.1	May 27, 2025		Soil	S25-Jn0010721				X														
17	TP112_0.1	May 27, 2025		Soil	S25-Jn0010722						X			X						X			X
18	TP113_0.1	May 27, 2025		Soil	S25-Jn0010723								X	X				X		X			
19	TP114_0.1	May 27, 2025		Soil	S25-Jn0010724									X	X					X			
20	TP115_0.1	May 27, 2025		Soil	S25-Jn0010725	X								X						X			X
21	TP115_0.3	May 27, 2025		Soil	S25-Jn0010726									X		X							
22	TP115_2	May 27, 2025		Soil	S25-Jn0010727				X														
23	TP116_0.1	May 28, 2025		Soil	S25-Jn0010728	X								X						X			X
24	TP116_0.5	May 28, 2025		Soil	S25-Jn0010729	X								X		X							
25	TP117_0.1	May 28, 2025		Soil	S25-Jn0010730	X								X		X				X			
26	TP117_0.5	May 28, 2025		Soil	S25-Jn0010731	X								X						X			X
27	TP118_0.1	May 28, 2025		Soil	S25-Jn0010732	X					X		X	X				X		X			
28	TP118_1	May 28, 2025		Soil	S25-Jn0010733	X					X			X						X			X
29	TP119_0.1	May 28, 2025		Soil	S25-Jn0010734	X								X						X			X

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
30	TP120_0.1	May 28, 2025		Soil	S25-Jn0010735	X								X						X			X
31	TP121_0.1	May 28, 2025		Soil	S25-Jn0010736	X								X						X			X
32	TP121_0.3	May 28, 2025		Soil	S25-Jn0010737	X								X				X					
33	TP121_0.7	May 28, 2025		Soil	S25-Jn0010738			X															
34	TP122_0.1	May 28, 2025		Soil	S25-Jn0010739	X																	
35	TP122_0.3	May 28, 2025		Soil	S25-Jn0010740									X						X		X	
36	TP123_0.1	May 28, 2025		Soil	S25-Jn0010741	X					X			X						X			X
37	TP123_0.5	May 28, 2025		Soil	S25-Jn0010742	X					X			X		X				X			
38	TP124_0.1	May 28, 2025		Soil	S25-Jn0010743	X								X						X			X
39	TP125_0.1	May 28, 2025		Soil	S25-Jn0010744	X								X						X			X
40	TP125_0.3	May 28, 2025		Soil	S25-Jn0010745	X						X		X									
41	TP126_0.1	May 28, 2025		Soil	S25-Jn0010746	X								X						X			X
42	TP127_0.1	May 28, 2025		Soil	S25-Jn0010747	X								X						X			X
43	HA101_0.1	May 28, 2025		Soil	S25-Jn0010748	X								X						X			X
44	HA102_0.1	May 28, 2025		Soil	S25-Jn0010749	X								X						X			X
45	HA102-ACM-	May 29, 2025		Building	S25-Jn0010750		X																

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Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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NSW 2065

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Project ID: 3050016633

Order No.:
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Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
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Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	0-0.2			Materials																			
46	HA103_0.1	May 29, 2025		Soil	S25-Jn0010751	X								X						X			X
47	SED-1	May 29, 2025		Soil	S25-Jn0010755									X									X
48	SED-2	May 29, 2025		Soil	S25-Jn0010756									X									X
49	SED-3	May 29, 2025		Soil	S25-Jn0010757									X									X
50	QA300	May 29, 2025		Soil	S25-Jn0010760									X						X			X
51	QC300	May 29, 2025		Soil	S25-Jn0010761					X													
52	QA100	May 27, 2025		Soil	S25-Jn0010762									X						X			X
53	QC100	May 27, 2025		Soil	S25-Jn0010763					X													
54	QA200	May 28, 2025		Soil	S25-Jn0010764									X						X			X
55	QC200	May 28, 2025		Soil	S25-Jn0010765					X													
56	QA301	May 29, 2025		Soil	S25-Jn0010766									X									X
57	QC301	May 29, 2025		Soil	S25-Jn0010767					X													
58	Rin-H	May 29, 2025		Water	S25-Jn0010768															X			X
59	Rin-SC	May 29, 2025		Water	S25-Jn0010769															X			X
60	Trip Blank	May 29, 2025		Trip Blank	S25-Jn0010770														X				

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Site# 2370 & 2554

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NSW 2065

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Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
60	Trip Blank	May 29, 2025		Trip Blank (solid)	S25-Jn0010770																		
61	Trip Spike	May 29, 2025		Trip Spike (solid)	S25-Jn0010771																X		
62	TP101_0.3	May 27, 2025		Soil	S25-Jn0010773				X														
63	TP101_0.5	May 27, 2025		Soil	S25-Jn0010774				X														
64	TP101_1	May 27, 2025		Soil	S25-Jn0010775				X														
65	TP101_1.4	May 27, 2025		Soil	S25-Jn0010776				X														
66	TP102_0.3	May 27, 2025		Soil	S25-Jn0010777				X														
67	TP102_0.5	May 27, 2025		Soil	S25-Jn0010778				X														
68	TP103_0.3	May 27, 2025		Soil	S25-Jn0010779									X		X							
69	TP103_0.5	May 27, 2025		Soil	S25-Jn0010780				X														
70	TP104_0.3	May 27, 2025		Soil	S25-Jn0010781				X														
71	TP104_0.5	May 27, 2025		Soil	S25-Jn0010782				X														
72	TP105_0.3	May 27, 2025		Soil	S25-Jn0010783				X														
73	TP105_0.5	May 27, 2025		Soil	S25-Jn0010784				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
74	TP106_0.2	May 27, 2025		Soil	S25-Jn0010785				X														
75	TP107_0.3	May 27, 2025		Soil	S25-Jn0010786				X														
76	TP108_0.5	May 27, 2025		Soil	S25-Jn0010787						X												
77	TP109_0.3	May 27, 2025		Soil	S25-Jn0010788				X														
78	TP110_0.3	May 27, 2025		Soil	S25-Jn0010789				X														
79	TP111_0.7	May 27, 2025		Soil	S25-Jn0010790				X														
80	TP112_0.3	May 27, 2025		Soil	S25-Jn0010791						X			X						X			X
81	TP112_0.5	May 27, 2025		Soil	S25-Jn0010792						X												
82	TP112_1	May 27, 2025		Soil	S25-Jn0010793				X														
83	TP113_0.3	May 27, 2025		Soil	S25-Jn0010794	X								X									X
84	TP113_0.5	May 27, 2025		Soil	S25-Jn0010795				X														
85	TP114_0.3	May 27, 2025		Soil	S25-Jn0010796				X														
86	TP114_0.7	May 27, 2025		Soil	S25-Jn0010797				X														
87	TP115_0.5	May 27, 2025		Soil	S25-Jn0010798	X								X						X			X
88	TP115_1	May 27, 2025		Soil	S25-Jn0010799				X														
89	TP115_1.5	May 27, 2025		Soil	S25-Jn0010800				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
90	TP116_0.3	May 28, 2025		Soil	S25-Jn0010801				X														
91	TP116_1	May 28, 2025		Soil	S25-Jn0010802				X														
92	TP117_0.3	May 28, 2025		Soil	S25-Jn0010803				X														
93	TP117_1	May 28, 2025		Soil	S25-Jn0010804				X														
94	TP117_1.3	May 28, 2025		Soil	S25-Jn0010805				X														
95	TP118_0.3	May 28, 2025		Soil	S25-Jn0010806						X												
96	TP118_0.5	May 28, 2025		Soil	S25-Jn0010807						X												
97	TP118_1.5	May 28, 2025		Soil	S25-Jn0010808						X												
98	TP118_2	May 28, 2025		Soil	S25-Jn0010809						X												
99	TP118_2.5	May 28, 2025		Soil	S25-Jn0010810				X														
100	TP119_0.3	May 28, 2025		Soil	S25-Jn0010811				X														
101	TP119_0.5	May 28, 2025		Soil	S25-Jn0010812				X														
102	TP119_1	May 28, 2025		Soil	S25-Jn0010813				X														
103	TP120_0.3	May 28, 2025		Soil	S25-Jn0010814				X														
104	TP120_0.7	May 28, 2025		Soil	S25-Jn0010815				X														
105	TP122_0.5	May 28, 2025		Soil	S25-Jn0010816				X														

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Eurofins ARL Pty Ltd
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Perth
46-48 Banksia Road
Welshpool
WA 6106
+61 8 6253 4444
NATA# 2377
Site# 2370 & 2554

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954

Auckland	Auckland (Focus)	Christchurch	Tauranga
35 O'Rorke Road	Unit C1/4 Pacific Rise	43 Detroit Drive	1277 Cameron Road
Penrose	Mount Wellington	Rolleston	Gate Pa
Auckland 1061	Auckland 1061	Christchurch 7675	Tauranga 3112
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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
106	TP122_1	May 28, 2025		Soil	S25-Jn0010817				X														
107	TP122_1.7	May 28, 2025		Soil	S25-Jn0010818				X														
108	TP122_2.2	May 28, 2025		Soil	S25-Jn0010819				X														
109	TP122_2.7	May 28, 2025		Soil	S25-Jn0010820									X		X							
110	TP123_1	May 28, 2025		Soil	S25-Jn0010821						X												
111	TP123_1.5	May 28, 2025		Soil	S25-Jn0010822						X												
112	TP123_2.5	May 28, 2025		Soil	S25-Jn0010823						X												
113	TP123_3.5	May 28, 2025		Soil	S25-Jn0010824						X												
114	TP124_0.3	May 28, 2025		Soil	S25-Jn0010825	X								X		X							
115	TP124_0.8	May 28, 2025		Soil	S25-Jn0010826				X														
116	TP126_0.3	May 28, 2025		Soil	S25-Jn0010827				X														
117	TP126_0.5	May 28, 2025		Soil	S25-Jn0010828				X														
118	TP127_0.3	May 28, 2025		Soil	S25-Jn0010829				X														
119	TP127_0.5	May 28, 2025		Soil	S25-Jn0010830				X														
120	HA101_0.3	May 28, 2025		Soil	S25-Jn0010831				X														
121	HA101_0.5	May 28, 2025		Soil	S25-Jn0010832				X														

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Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Melbourne	Geelong	Sydney	Canberra	Brisbane	Newcastle
6 Monterey Road	19/8 Lewalan Street	179 Magowar Road	Unit 1,2 Dacre Street	1/21 Smallwood Place	1/2 Frost Drive
Dandenong South	Grovedale	Girraween	Mitchell	Murarrie	Mayfield West
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
122	HA101_1	May 28, 2025		Soil	S25-Jn0010833				X														
123	HA102_0.3	May 29, 2025		Soil	S25-Jn0010834				X														
124	HA102_0.5	May 29, 2025		Soil	S25-Jn0010835				X														
125	HA102_0.9	May 29, 2025		Soil	S25-Jn0010836	X								X						X			X
126	HA103_0.5	May 29, 2025		Soil	S25-Jn0010837				X														
127	HA103_0.8	May 29, 2025		Soil	S25-Jn0010838				X														
128	QA101	May 27, 2025		Soil	S25-Jn0010839				X														
129	QC101	May 27, 2025		Soil	S25-Jn0010840				X														
130	QA102	May 27, 2025		Soil	S25-Jn0010841									X						X			X
131	QC102	May 27, 2025		Soil	S25-Jn0010842					X													
132	QA103	May 27, 2025		Soil	S25-Jn0010843				X														
133	QC103	May 27, 2025		Soil	S25-Jn0010844				X														
134	QA201	May 28, 2025		Soil	S25-Jn0010845						X			X						X			X
135	QC201	May 28, 2025		Soil	S25-Jn0010846					X													
136	Rin-G	May 29, 2025		Soil	S25-Jn0010847				X														
137	Rin-PFAS	May 29, 2025		Water	S25-Jn0010848				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
138	TP118_1.5_B	May 27, 2025		Soil	S25-Jn0011699				X														
139	TP108_0.5_B	May 27, 2025		Soil	S25-Jn0011700				X														
140	SP1	May 27, 2025		Soil	S25-Jn0011756	X								X						X			X
Test Counts						34	1	1	60	6	20	1	3	57	4	10	1	3	1	44	1	1	39

Certificate of Analysis

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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.

Stantec Australia Pty Ltd
Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Attention:	Callum Laker
Report	1228331-AID
Project Name	MILTON PS
Project ID	3050016633
Received Date	Jun 03, 2025
Date Reported	Jun 12, 2025

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004 and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Man-made vitreous fibre (MMVF)	Fibres exhibiting isotropic characteristics, including glass fibres, glass wool, rock wool, slag wool, ceramic fibres and bio-soluble fibres. NOTE: previously known as "synthetic mineral fibre" (SMF). Simple analytical procedures such as polarised light microscopy cannot detect or reliably identify asbestos in some types of commercial products containing asbestos, either because the fibres are below the resolution of optical microscopy or because the matrix material adheres too strongly to the fibres. For these types of products, electron microscopy may be necessary.
Subsampling Soil Samples	The sample submitted is dried and passed through a 10 mm sieve followed by a 2 mm sieve. All fibrous matter greater than 10 mm and greater than 2 mm and the material passing through the 2 mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 g to 60 g, then a subsampling routine based on ISO 3082:2017(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be subsampled for trace analysis, in accordance with AS 5370:2024*.*
Bonded asbestos-containing material (ACM)	The material is first examined, and any fibres are isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination. The resultant material is then further examined in accordance with AS 5370:2024*. *NOTE: Even after disintegration, it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting (LOR)	The performance limitation of the AS 5370:2024* method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory limit of reporting, per se. Examination of large sample size (e.g., 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 5370:2024*, and hence, NATA Accreditation does not cover the performance of this service (non-NATA results are shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964-2004: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos". This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

Project Name MILTON PS
Project ID 3050016633
Date Sampled May 27, 2025 to May 29, 2025
Report 1228331-AID

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
TP101_0.1	25-Jn0010706	May 27, 2025	Approximate Sample 879g Sample consisted of: Grey fine-grained clayey sandy soil, cement, bitumin and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP103_0.1	25-Jn0010708	May 27, 2025	Approximate Sample 932g Sample consisted of: Grey fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP107_0.1	25-Jn0010712	May 27, 2025	Approximate Sample 546g Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP108_0.1	25-Jn0010713	May 27, 2025	Approximate Sample 445g / >500ml Sample consisted of: Dark grey fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP110_0.1	25-Jn0010717	May 27, 2025	Approximate Sample 442g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP111_0.1	25-Jn0010719	May 27, 2025	Approximate Sample 700g Sample consisted of: Grey fine-grained clayey sandy soil, cement, bitumen like material and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP111_0.3	25-Jn0010720	May 27, 2025	Approximate Sample 800g Sample consisted of: Grey fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP115_0.1	25-Jn0010725	May 27, 2025	Approximate Sample 633g Sample consisted of: Grey fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
TP116_0.1	25-Jn0010728	May 28, 2025	Approximate Sample 588g Sample consisted of: Dark grey coarse-grained clayey sandy soil, sand stone and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP116_0.5	25-Jn0010729	May 28, 2025	Approximate Sample 481g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP117_0.1	25-Jn0010730	May 28, 2025	Approximate Sample 419g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP117_0.5	25-Jn0010731	May 28, 2025	Approximate Sample 508g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP118_0.1	25-Jn0010732	May 28, 2025	Approximate Sample 507g Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP118_1	25-Jn0010733	May 28, 2025	Approximate Sample 570g Sample consisted of: Dark brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP119_0.1	25-Jn0010734	May 28, 2025	Approximate Sample 441g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP120_0.1	25-Jn0010735	May 28, 2025	Approximate Sample 446g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP121_0.1	25-Jn0010736	May 28, 2025	Approximate Sample 507g Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP121_0.3	25-Jn0010737	May 28, 2025	Approximate Sample 462g / >500ml Sample consisted of: Grey Brown fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP122_0.1	25-Jn0010739	May 28, 2025	Approximate Sample 451g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP123_0.1	25-Jn0010741	May 28, 2025	Approximate Sample 452g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP123_0.5	25-Jn0010742	May 28, 2025	Approximate Sample 559g Sample consisted of: Dark brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
TP124_0.1	25-Jn0010743	May 28, 2025	Approximate Sample 433g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP125_0.1	25-Jn0010744	May 28, 2025	Approximate Sample 395g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP125_0.3	25-Jn0010745	May 28, 2025	Approximate Sample 503g Sample consisted of: Grey Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP126_0.1	25-Jn0010746	May 28, 2025	Approximate Sample 501g Sample consisted of: Dark grey fine-grained clayey sandy soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP127_0.1	25-Jn0010747	May 28, 2025	Approximate Sample 461g / >500ml Sample consisted of: Grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
HA101_0.1	25-Jn0010748	May 28, 2025	Approximate Sample 461g / >500ml Sample consisted of: Grey coarse-grained clayey sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
HA102_0.1	25-Jn0010749	May 28, 2025	Approximate Sample 393g / >500ml Sample consisted of: Grey coarse-grained clayey sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
HA102-ACM-0-0.2	25-Jn0010750	May 29, 2025	Approximate Sample 8g / 20x15x3mm Sample consisted of: Brown Soft fibrous material	No asbestos detected. Organic fibre detected. No trace asbestos detected.
HA103_0.1	25-Jn0010751	May 29, 2025	Approximate Sample 515g Sample consisted of: Grey coarse-grained clayey sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP113_0.3	25-Jn0010794	May 27, 2025	Approximate Sample 504g Sample consisted of: Grey coarse-grained clayey sandy soil, organic debris, bitumen like material and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP115_0.5	25-Jn0010798	May 27, 2025	Approximate Sample 622g Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP124_0.3	25-Jn0010825	May 28, 2025	Approximate Sample 585g Sample consisted of: Grey Brown coarse-grained clayey sandy soil, sand stone and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
HA102_0.9	25-Jn0010836	May 29, 2025	Approximate Sample 486g / >500ml Sample consisted of: Grey Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
SP1	25-Jn0011756	May 27, 2025	Approximate Sample 430g / >500ml Sample consisted of: Grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.

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
Asbestos - LTM-ASB-8020	Sydney	Jun 05, 2025	Indefinite
Asbestos - LTM-ASB-8020	Sydney	Jun 05, 2025	Indefinite

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
External Laboratory										X													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																		
1	TP101_0.1	May 27, 2025		Soil	S25-Jn0010706	X								X						X			X
2	TP102_0.1	May 27, 2025		Soil	S25-Jn0010707									X						X			X
3	TP103_0.1	May 27, 2025		Soil	S25-Jn0010708	X								X						X			X
4	TP104_0.1	May 27, 2025		Soil	S25-Jn0010709									X	X					X			
5	TP105_0.1	May 27, 2025		Soil	S25-Jn0010710									X	X					X			
6	TP106_0.1	May 27, 2025		Soil	S25-Jn0010711									X	X					X			
7	TP107_0.1	May 27, 2025		Soil	S25-Jn0010712	X								X						X			X
8	TP108_0.1	May 27, 2025		Soil	S25-Jn0010713	X					X			X		X				X			
9	TP108_0.3	May 27, 2025		Soil	S25-Jn0010714						X			X									X
10	TP108_1	May 27, 2025		Soil	S25-Jn0010715						X			X		X							
11	TP109_0.1	May 27, 2025		Soil	S25-Jn0010716								X	X			X			X			
12	TP110_0.1	May 27, 2025		Soil	S25-Jn0010717	X								X						X			X
13	TP110_0.5	May 27, 2025		Soil	S25-Jn0010718				X														

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Melbourne	Geelong	Sydney	Canberra	Brisbane	Newcastle
6 Monterey Road	19/8 Lewalan Street	179 Magowar Road	Unit 1,2 Dacre Street	1/21 Smallwood Place	1/2 Frost Drive
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
14	TP111_0.1	May 27, 2025		Soil	S25-Jn0010719	X								X						X			X
15	TP111_0.3	May 27, 2025		Soil	S25-Jn0010720	X								X		X							
16	TP111_1.1	May 27, 2025		Soil	S25-Jn0010721				X														
17	TP112_0.1	May 27, 2025		Soil	S25-Jn0010722						X			X						X			X
18	TP113_0.1	May 27, 2025		Soil	S25-Jn0010723								X	X				X		X			
19	TP114_0.1	May 27, 2025		Soil	S25-Jn0010724									X	X					X			
20	TP115_0.1	May 27, 2025		Soil	S25-Jn0010725	X								X						X			X
21	TP115_0.3	May 27, 2025		Soil	S25-Jn0010726									X		X							
22	TP115_2	May 27, 2025		Soil	S25-Jn0010727				X														
23	TP116_0.1	May 28, 2025		Soil	S25-Jn0010728	X								X						X			X
24	TP116_0.5	May 28, 2025		Soil	S25-Jn0010729	X								X		X							
25	TP117_0.1	May 28, 2025		Soil	S25-Jn0010730	X								X		X				X			
26	TP117_0.5	May 28, 2025		Soil	S25-Jn0010731	X								X						X			X
27	TP118_0.1	May 28, 2025		Soil	S25-Jn0010732	X					X		X	X				X		X			
28	TP118_1	May 28, 2025		Soil	S25-Jn0010733	X					X			X						X			X
29	TP119_0.1	May 28, 2025		Soil	S25-Jn0010734	X								X						X			X

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Eurofins Analytical Services Manager : Roopesh Rangarajan

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
30	TP120_0.1	May 28, 2025		Soil	S25-Jn0010735	X								X						X			X
31	TP121_0.1	May 28, 2025		Soil	S25-Jn0010736	X								X						X			X
32	TP121_0.3	May 28, 2025		Soil	S25-Jn0010737	X								X				X					
33	TP121_0.7	May 28, 2025		Soil	S25-Jn0010738			X															
34	TP122_0.1	May 28, 2025		Soil	S25-Jn0010739	X																	
35	TP122_0.3	May 28, 2025		Soil	S25-Jn0010740									X						X		X	
36	TP123_0.1	May 28, 2025		Soil	S25-Jn0010741	X					X			X						X			X
37	TP123_0.5	May 28, 2025		Soil	S25-Jn0010742	X					X			X		X				X			
38	TP124_0.1	May 28, 2025		Soil	S25-Jn0010743	X								X						X			X
39	TP125_0.1	May 28, 2025		Soil	S25-Jn0010744	X								X						X			X
40	TP125_0.3	May 28, 2025		Soil	S25-Jn0010745	X						X		X									
41	TP126_0.1	May 28, 2025		Soil	S25-Jn0010746	X								X						X			X
42	TP127_0.1	May 28, 2025		Soil	S25-Jn0010747	X								X						X			X
43	HA101_0.1	May 28, 2025		Soil	S25-Jn0010748	X								X						X			X
44	HA102_0.1	May 28, 2025		Soil	S25-Jn0010749	X								X						X			X
45	HA102-ACM-	May 29, 2025		Building	S25-Jn0010750		X																

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	0-0.2			Materials																			
46	HA103_0.1	May 29, 2025		Soil	S25-Jn0010751	X								X						X			X
47	SED-1	May 29, 2025		Soil	S25-Jn0010755									X									X
48	SED-2	May 29, 2025		Soil	S25-Jn0010756									X									X
49	SED-3	May 29, 2025		Soil	S25-Jn0010757									X									X
50	QA300	May 29, 2025		Soil	S25-Jn0010760									X						X			X
51	QC300	May 29, 2025		Soil	S25-Jn0010761					X													
52	QA100	May 27, 2025		Soil	S25-Jn0010762									X						X			X
53	QC100	May 27, 2025		Soil	S25-Jn0010763					X													
54	QA200	May 28, 2025		Soil	S25-Jn0010764									X						X			X
55	QC200	May 28, 2025		Soil	S25-Jn0010765					X													
56	QA301	May 29, 2025		Soil	S25-Jn0010766									X									X
57	QC301	May 29, 2025		Soil	S25-Jn0010767					X													
58	Rin-H	May 29, 2025		Water	S25-Jn0010768															X			X
59	Rin-SC	May 29, 2025		Water	S25-Jn0010769															X			X
60	Trip Blank	May 29, 2025		Trip Blank	S25-Jn0010770														X				

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
60	Trip Blank	May 29, 2025		Trip Blank (solid)	S25-Jn0010770																		
61	Trip Spike	May 29, 2025		Trip Spike (solid)	S25-Jn0010771																X		
62	TP101_0.3	May 27, 2025		Soil	S25-Jn0010773				X														
63	TP101_0.5	May 27, 2025		Soil	S25-Jn0010774				X														
64	TP101_1	May 27, 2025		Soil	S25-Jn0010775				X														
65	TP101_1.4	May 27, 2025		Soil	S25-Jn0010776				X														
66	TP102_0.3	May 27, 2025		Soil	S25-Jn0010777				X														
67	TP102_0.5	May 27, 2025		Soil	S25-Jn0010778				X														
68	TP103_0.3	May 27, 2025		Soil	S25-Jn0010779									X		X							
69	TP103_0.5	May 27, 2025		Soil	S25-Jn0010780				X														
70	TP104_0.3	May 27, 2025		Soil	S25-Jn0010781				X														
71	TP104_0.5	May 27, 2025		Soil	S25-Jn0010782				X														
72	TP105_0.3	May 27, 2025		Soil	S25-Jn0010783				X														
73	TP105_0.5	May 27, 2025		Soil	S25-Jn0010784				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
74	TP106_0.2	May 27, 2025		Soil	S25-Jn0010785				X														
75	TP107_0.3	May 27, 2025		Soil	S25-Jn0010786				X														
76	TP108_0.5	May 27, 2025		Soil	S25-Jn0010787						X												
77	TP109_0.3	May 27, 2025		Soil	S25-Jn0010788				X														
78	TP110_0.3	May 27, 2025		Soil	S25-Jn0010789				X														
79	TP111_0.7	May 27, 2025		Soil	S25-Jn0010790				X														
80	TP112_0.3	May 27, 2025		Soil	S25-Jn0010791						X			X						X			X
81	TP112_0.5	May 27, 2025		Soil	S25-Jn0010792						X												
82	TP112_1	May 27, 2025		Soil	S25-Jn0010793				X														
83	TP113_0.3	May 27, 2025		Soil	S25-Jn0010794	X								X									X
84	TP113_0.5	May 27, 2025		Soil	S25-Jn0010795				X														
85	TP114_0.3	May 27, 2025		Soil	S25-Jn0010796				X														
86	TP114_0.7	May 27, 2025		Soil	S25-Jn0010797				X														
87	TP115_0.5	May 27, 2025		Soil	S25-Jn0010798	X								X						X			X
88	TP115_1	May 27, 2025		Soil	S25-Jn0010799				X														
89	TP115_1.5	May 27, 2025		Soil	S25-Jn0010800				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
90	TP116_0.3	May 28, 2025		Soil	S25-Jn0010801				X														
91	TP116_1	May 28, 2025		Soil	S25-Jn0010802				X														
92	TP117_0.3	May 28, 2025		Soil	S25-Jn0010803				X														
93	TP117_1	May 28, 2025		Soil	S25-Jn0010804				X														
94	TP117_1.3	May 28, 2025		Soil	S25-Jn0010805				X														
95	TP118_0.3	May 28, 2025		Soil	S25-Jn0010806						X												
96	TP118_0.5	May 28, 2025		Soil	S25-Jn0010807						X												
97	TP118_1.5	May 28, 2025		Soil	S25-Jn0010808						X												
98	TP118_2	May 28, 2025		Soil	S25-Jn0010809						X												
99	TP118_2.5	May 28, 2025		Soil	S25-Jn0010810				X														
100	TP119_0.3	May 28, 2025		Soil	S25-Jn0010811				X														
101	TP119_0.5	May 28, 2025		Soil	S25-Jn0010812				X														
102	TP119_1	May 28, 2025		Soil	S25-Jn0010813				X														
103	TP120_0.3	May 28, 2025		Soil	S25-Jn0010814				X														
104	TP120_0.7	May 28, 2025		Soil	S25-Jn0010815				X														
105	TP122_0.5	May 28, 2025		Soil	S25-Jn0010816				X														

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Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
106	TP122_1	May 28, 2025		Soil	S25-Jn0010817				X														
107	TP122_1.7	May 28, 2025		Soil	S25-Jn0010818				X														
108	TP122_2.2	May 28, 2025		Soil	S25-Jn0010819				X														
109	TP122_2.7	May 28, 2025		Soil	S25-Jn0010820									X		X							
110	TP123_1	May 28, 2025		Soil	S25-Jn0010821						X												
111	TP123_1.5	May 28, 2025		Soil	S25-Jn0010822						X												
112	TP123_2.5	May 28, 2025		Soil	S25-Jn0010823						X												
113	TP123_3.5	May 28, 2025		Soil	S25-Jn0010824						X												
114	TP124_0.3	May 28, 2025		Soil	S25-Jn0010825	X								X		X							
115	TP124_0.8	May 28, 2025		Soil	S25-Jn0010826				X														
116	TP126_0.3	May 28, 2025		Soil	S25-Jn0010827				X														
117	TP126_0.5	May 28, 2025		Soil	S25-Jn0010828				X														
118	TP127_0.3	May 28, 2025		Soil	S25-Jn0010829				X														
119	TP127_0.5	May 28, 2025		Soil	S25-Jn0010830				X														
120	HA101_0.3	May 28, 2025		Soil	S25-Jn0010831				X														
121	HA101_0.5	May 28, 2025		Soil	S25-Jn0010832				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
122	HA101_1	May 28, 2025		Soil	S25-Jn0010833				X														
123	HA102_0.3	May 29, 2025		Soil	S25-Jn0010834				X														
124	HA102_0.5	May 29, 2025		Soil	S25-Jn0010835				X														
125	HA102_0.9	May 29, 2025		Soil	S25-Jn0010836	X								X						X			X
126	HA103_0.5	May 29, 2025		Soil	S25-Jn0010837				X														
127	HA103_0.8	May 29, 2025		Soil	S25-Jn0010838				X														
128	QA101	May 27, 2025		Soil	S25-Jn0010839				X														
129	QC101	May 27, 2025		Soil	S25-Jn0010840				X														
130	QA102	May 27, 2025		Soil	S25-Jn0010841									X						X			X
131	QC102	May 27, 2025		Soil	S25-Jn0010842					X													
132	QA103	May 27, 2025		Soil	S25-Jn0010843				X														
133	QC103	May 27, 2025		Soil	S25-Jn0010844				X														
134	QA201	May 28, 2025		Soil	S25-Jn0010845						X			X						X			X
135	QC201	May 28, 2025		Soil	S25-Jn0010846					X													
136	Rin-G	May 29, 2025		Soil	S25-Jn0010847				X														
137	Rin-PFAS	May 29, 2025		Water	S25-Jn0010848				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
138	TP118_1.5_B	May 27, 2025		Soil	S25-Jn0011699				X														
139	TP108_0.5_B	May 27, 2025		Soil	S25-Jn0011700				X														
140	SP1	May 27, 2025		Soil	S25-Jn0011756	X								X						X			X
Test Counts						34	1	1	60	6	20	1	3	57	4	10	1	3	1	44	1	1	39

Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report in blue indicates data provided by the customer that may impact the results.
5. This report replaces any interim results previously issued.

Holding Times

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

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\ w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%Asbestos	Estimated percentage of asbestos in a given matrix may be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**). This estimate is not NATA-accredited.
ACM	Asbestos Containing Materials. Asbestos in a non-asbestos matrix is typically presented in bonded (non-friable) condition. For the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material, such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g., by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total %w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.
Dry	Sample is dried by heating before analysis.
DS	Dispersion Staining. The technique required for unequivocal identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos-containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material previously non-friable and severely degraded. For the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to distinguish visibly and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess the degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021), ISBN: 9780616667079.
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012), ISBN: 9780717665020
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
MMVF	Man-Made Vitreous Fibre - exhibiting isotropic characteristics, including glass fibres, glass wool, rock wool, slag wool, ceramic fibres and "bio-soluble fibres. NOTE: previously known as "synthetic mineral fibre" (SMF).
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified per AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.
PCM	Phase Contrast Microscopy. This is used for fibre counting, according to the MFM.
PLM	Polarised Light Microscopy. It is used for fibre identification and residual analysis according to AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.
Sampling	Unless otherwise stated, Eurofins are not responsible for sampling equipment or the sampling process.
SRA	Sample Receipt Advice.
Residual Analysis	An analytical procedure is used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix according to AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly Trace Analysis in AS 4964-2004.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
Inconclusive	Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according to AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004. It may include (but is not limited to) actinolite, anthophyllite, or tremolite asbestos. SEM/TEM is required for definitive identification.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average %w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

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	No
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Paul Arendse	Senior Analyst-Asbestos

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos

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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Certificate of Analysis

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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.

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Attention:	Callum Laker
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Project Name	MILTON PS
Project ID	3050016633
Received Date	Jun 03, 2025
Date Reported	Jun 19, 2025

Methodology:

Asbestos Fibre Identification	Conducted in accordance with the Australian Standard AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004 and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques. *NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.*
Man-made vitreous fibre (MMVF)	Fibres exhibiting isotropic characteristics, including glass fibres, glass wool, rock wool, slag wool, ceramic fibres and bio-soluble fibres. NOTE: previously known as "synthetic mineral fibre" (SMF). Simple analytical procedures such as polarised light microscopy cannot detect or reliably identify asbestos in some types of commercial products containing asbestos, either because the fibres are below the resolution of optical microscopy or because the matrix material adheres too strongly to the fibres. For these types of products, electron microscopy may be necessary.
Subsampling Soil Samples	The sample submitted is dried and passed through a 10 mm sieve followed by a 2 mm sieve. All fibrous matter greater than 10 mm and greater than 2 mm and the material passing through the 2 mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 g to 60 g, then a subsampling routine based on ISO 3082:2017(E) is employed. *NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be subsampled for trace analysis, in accordance with AS 5370:2024*.*
Bonded asbestos-containing material (ACM)	The material is first examined, and any fibres are isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination. The resultant material is then further examined in accordance with AS 5370:2024*. *NOTE: Even after disintegration, it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.*
Limit of Reporting (LOR)	The performance limitation of the AS 5370:2024* method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w). The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory limit of reporting, per se. Examination of large sample size (e.g., 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 5370:2024*, and hence, NATA Accreditation does not cover the performance of this service (non-NATA results are shown with an asterisk). *NOTE: NATA News March 2014, p.7, states in relation to AS 4964-2004: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos". This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.*

Project Name MILTON PS
Project ID 3050016633
Date Sampled May 27, 2025 to May 29, 2025
Report 1228331-AID-V2

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
TP101_0.1	25-Jn0010706	May 27, 2025	Approximate Sample 879g Sample consisted of: Grey fine-grained clayey sandy soil, cement, bitumin and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP103_0.1	25-Jn0010708	May 27, 2025	Approximate Sample 932g Sample consisted of: Grey fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP107_0.1	25-Jn0010712	May 27, 2025	Approximate Sample 546g Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP108_0.1	25-Jn0010713	May 27, 2025	Approximate Sample 445g / >500ml Sample consisted of: Dark grey fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP110_0.1	25-Jn0010717	May 27, 2025	Approximate Sample 442g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP111_0.1	25-Jn0010719	May 27, 2025	Approximate Sample 700g Sample consisted of: Grey fine-grained clayey sandy soil, cement, bitumen like material and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP111_0.3	25-Jn0010720	May 27, 2025	Approximate Sample 800g Sample consisted of: Grey fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP115_0.1	25-Jn0010725	May 27, 2025	Approximate Sample 633g Sample consisted of: Grey fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
TP116_0.1	25-Jn0010728	May 28, 2025	Approximate Sample 588g Sample consisted of: Dark grey coarse-grained clayey sandy soil, sand stone and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP116_0.5	25-Jn0010729	May 28, 2025	Approximate Sample 481g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP117_0.1	25-Jn0010730	May 28, 2025	Approximate Sample 419g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP117_0.5	25-Jn0010731	May 28, 2025	Approximate Sample 508g Sample consisted of: Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP118_0.1	25-Jn0010732	May 28, 2025	Approximate Sample 507g Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP118_1	25-Jn0010733	May 28, 2025	Approximate Sample 570g Sample consisted of: Dark brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP119_0.1	25-Jn0010734	May 28, 2025	Approximate Sample 441g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP120_0.1	25-Jn0010735	May 28, 2025	Approximate Sample 446g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP121_0.1	25-Jn0010736	May 28, 2025	Approximate Sample 507g Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP121_0.3	25-Jn0010737	May 28, 2025	Approximate Sample 462g / >500ml Sample consisted of: Grey Brown fine-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP122_0.1	25-Jn0010739	May 28, 2025	Approximate Sample 451g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP123_0.1	25-Jn0010741	May 28, 2025	Approximate Sample 452g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP123_0.5	25-Jn0010742	May 28, 2025	Approximate Sample 559g Sample consisted of: Dark brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
TP124_0.1	25-Jn0010743	May 28, 2025	Approximate Sample 433g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP125_0.1	25-Jn0010744	May 28, 2025	Approximate Sample 395g / >500ml Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP125_0.3	25-Jn0010745	May 28, 2025	Approximate Sample 503g Sample consisted of: Grey Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP126_0.1	25-Jn0010746	May 28, 2025	Approximate Sample 501g Sample consisted of: Dark grey fine-grained clayey sandy soil, plant residue and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP127_0.1	25-Jn0010747	May 28, 2025	Approximate Sample 461g / >500ml Sample consisted of: Grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
HA101_0.1	25-Jn0010748	May 28, 2025	Approximate Sample 461g / >500ml Sample consisted of: Grey coarse-grained clayey sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
HA102_0.1	25-Jn0010749	May 28, 2025	Approximate Sample 393g / >500ml Sample consisted of: Grey coarse-grained clayey sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
HA102-ACM-0-0.2	25-Jn0010750	May 29, 2025	Approximate Sample 8g / 20x15x3mm Sample consisted of: Brown Soft fibrous material	No asbestos detected. Organic fibre detected. No trace asbestos detected.
HA103_0.1	25-Jn0010751	May 29, 2025	Approximate Sample 515g Sample consisted of: Grey coarse-grained clayey sandy soil, organic debris and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP113_0.3	25-Jn0010794	May 27, 2025	Approximate Sample 504g Sample consisted of: Grey coarse-grained clayey sandy soil, organic debris, bitumen like material and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP115_0.5	25-Jn0010798	May 27, 2025	Approximate Sample 622g Sample consisted of: Dark grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
TP124_0.3	25-Jn0010825	May 28, 2025	Approximate Sample 585g Sample consisted of: Grey Brown coarse-grained clayey sandy soil, sand stone and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.
HA102_0.9	25-Jn0010836	May 29, 2025	Approximate Sample 486g / >500ml Sample consisted of: Grey Brown coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.

Client Sample ID	Eurofins Sample No.	Date Sampled	Sample Description	Result
SP1	25-Jn0011756	May 27, 2025	Approximate Sample 430g / >500ml Sample consisted of: Grey coarse-grained clayey sandy soil and rocks	No asbestos detected at the reporting limit of 0.001% w/w.* Organic fibre detected. No trace asbestos detected.

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
Asbestos - LTM-ASB-8020	Sydney	Jun 05, 2025	Indefinite
Asbestos - LTM-ASB-8020	Sydney	Jun 05, 2025	Indefinite

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Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

Melbourne	Geelong	Sydney	Canberra	Brisbane	Newcastle
6 Monterey Road	19/8 Lewalan Street	179 Magowar Road	Unit 1,2 Dacre Street	1/21 Smallwood Place	1/2 Frost Drive
Dandenong South	Grovedale	Girraween	Mitchell	Murarrie	Mayfield West
VIC 3175	VIC 3216	NSW 2145	ACT 2911	QLD 4172	NSW 2304
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
External Laboratory										X													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																		
1	TP101_0.1	May 27, 2025		Soil	S25-Jn0010706	X								X						X			X
2	TP102_0.1	May 27, 2025		Soil	S25-Jn0010707									X						X			X
3	TP103_0.1	May 27, 2025		Soil	S25-Jn0010708	X								X						X			X
4	TP104_0.1	May 27, 2025		Soil	S25-Jn0010709									X	X					X			
5	TP105_0.1	May 27, 2025		Soil	S25-Jn0010710									X	X					X			
6	TP106_0.1	May 27, 2025		Soil	S25-Jn0010711									X	X					X			
7	TP107_0.1	May 27, 2025		Soil	S25-Jn0010712	X								X						X			X
8	TP108_0.1	May 27, 2025		Soil	S25-Jn0010713	X					X			X		X				X			
9	TP108_0.3	May 27, 2025		Soil	S25-Jn0010714						X			X									X
10	TP108_1	May 27, 2025		Soil	S25-Jn0010715						X			X		X							
11	TP109_0.1	May 27, 2025		Soil	S25-Jn0010716								X	X			X			X			
12	TP110_0.1	May 27, 2025		Soil	S25-Jn0010717	X								X						X			X
13	TP110_0.5	May 27, 2025		Soil	S25-Jn0010718				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
14	TP111_0.1	May 27, 2025		Soil	S25-Jn0010719	X								X						X			X
15	TP111_0.3	May 27, 2025		Soil	S25-Jn0010720	X								X		X							
16	TP111_1.1	May 27, 2025		Soil	S25-Jn0010721				X														
17	TP112_0.1	May 27, 2025		Soil	S25-Jn0010722						X			X						X			X
18	TP113_0.1	May 27, 2025		Soil	S25-Jn0010723								X	X				X		X			
19	TP114_0.1	May 27, 2025		Soil	S25-Jn0010724									X	X					X			
20	TP115_0.1	May 27, 2025		Soil	S25-Jn0010725	X								X						X			X
21	TP115_0.3	May 27, 2025		Soil	S25-Jn0010726									X		X							
22	TP115_2	May 27, 2025		Soil	S25-Jn0010727				X														
23	TP116_0.1	May 28, 2025		Soil	S25-Jn0010728	X								X						X			X
24	TP116_0.5	May 28, 2025		Soil	S25-Jn0010729	X								X		X							
25	TP117_0.1	May 28, 2025		Soil	S25-Jn0010730	X								X		X				X			
26	TP117_0.5	May 28, 2025		Soil	S25-Jn0010731	X								X						X			X
27	TP118_0.1	May 28, 2025		Soil	S25-Jn0010732	X					X		X	X				X		X			
28	TP118_1	May 28, 2025		Soil	S25-Jn0010733	X					X			X						X			X
29	TP119_0.1	May 28, 2025		Soil	S25-Jn0010734	X								X						X			X

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
30	TP120_0.1	May 28, 2025		Soil	S25-Jn0010735	X								X						X			X
31	TP121_0.1	May 28, 2025		Soil	S25-Jn0010736	X								X						X			X
32	TP121_0.3	May 28, 2025		Soil	S25-Jn0010737	X								X				X					
33	TP121_0.7	May 28, 2025		Soil	S25-Jn0010738			X															
34	TP122_0.1	May 28, 2025		Soil	S25-Jn0010739	X																	
35	TP122_0.3	May 28, 2025		Soil	S25-Jn0010740									X						X		X	
36	TP123_0.1	May 28, 2025		Soil	S25-Jn0010741	X					X			X						X			X
37	TP123_0.5	May 28, 2025		Soil	S25-Jn0010742	X					X			X		X				X			
38	TP124_0.1	May 28, 2025		Soil	S25-Jn0010743	X								X						X			X
39	TP125_0.1	May 28, 2025		Soil	S25-Jn0010744	X								X						X			X
40	TP125_0.3	May 28, 2025		Soil	S25-Jn0010745	X						X		X									
41	TP126_0.1	May 28, 2025		Soil	S25-Jn0010746	X								X						X			X
42	TP127_0.1	May 28, 2025		Soil	S25-Jn0010747	X								X						X			X
43	HA101_0.1	May 28, 2025		Soil	S25-Jn0010748	X								X						X			X
44	HA102_0.1	May 28, 2025		Soil	S25-Jn0010749	X								X						X			X
45	HA102-ACM-	May 29, 2025		Building	S25-Jn0010750		X																

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Melbourne	Geelong	Sydney	Canberra	Brisbane	Newcastle
6 Monterey Road	19/8 Lewalan Street	179 Magowar Road	Unit 1,2 Dacre Street	1/21 Smallwood Place	1/2 Frost Drive
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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NATA# 2377
Site# 2370 & 2554

Eurofins Environment Testing NZ Ltd
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Auckland	Auckland (Focus)	Christchurch	Tauranga
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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	0-0.2			Materials																			
46	HA103_0.1	May 29, 2025		Soil	S25-Jn0010751	X								X						X			X
47	SED-1	May 29, 2025		Soil	S25-Jn0010755									X									X
48	SED-2	May 29, 2025		Soil	S25-Jn0010756									X									X
49	SED-3	May 29, 2025		Soil	S25-Jn0010757									X									X
50	QA300	May 29, 2025		Soil	S25-Jn0010760									X						X			X
51	QC300	May 29, 2025		Soil	S25-Jn0010761					X													
52	QA100	May 27, 2025		Soil	S25-Jn0010762									X						X			X
53	QC100	May 27, 2025		Soil	S25-Jn0010763					X													
54	QA200	May 28, 2025		Soil	S25-Jn0010764									X						X			X
55	QC200	May 28, 2025		Soil	S25-Jn0010765					X													
56	QA301	May 29, 2025		Soil	S25-Jn0010766									X									X
57	QC301	May 29, 2025		Soil	S25-Jn0010767					X													
58	Rin-H	May 29, 2025		Water	S25-Jn0010768															X			X
59	Rin-SC	May 29, 2025		Water	S25-Jn0010769															X			X
60	Trip Blank	May 29, 2025		Trip Blank	S25-Jn0010770														X				

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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NSW 2065

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Phone: (02) 9493 9700
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Received: Jun 3, 2025 3:39 PM
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Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
60	Trip Blank	May 29, 2025		Trip Blank (solid)	S25-Jn0010770																		
61	Trip Spike	May 29, 2025		Trip Spike (solid)	S25-Jn0010771																X		
62	TP101_0.3	May 27, 2025		Soil	S25-Jn0010773				X														
63	TP101_0.5	May 27, 2025		Soil	S25-Jn0010774				X														
64	TP101_1	May 27, 2025		Soil	S25-Jn0010775				X														
65	TP101_1.4	May 27, 2025		Soil	S25-Jn0010776				X														
66	TP102_0.3	May 27, 2025		Soil	S25-Jn0010777				X														
67	TP102_0.5	May 27, 2025		Soil	S25-Jn0010778				X														
68	TP103_0.3	May 27, 2025		Soil	S25-Jn0010779									X		X							
69	TP103_0.5	May 27, 2025		Soil	S25-Jn0010780				X														
70	TP104_0.3	May 27, 2025		Soil	S25-Jn0010781				X														
71	TP104_0.5	May 27, 2025		Soil	S25-Jn0010782				X														
72	TP105_0.3	May 27, 2025		Soil	S25-Jn0010783				X														
73	TP105_0.5	May 27, 2025		Soil	S25-Jn0010784				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Eurofins Analytical Services Manager : Roopesh Rangarajan

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
74	TP106_0.2	May 27, 2025		Soil	S25-Jn0010785				X														
75	TP107_0.3	May 27, 2025		Soil	S25-Jn0010786				X														
76	TP108_0.5	May 27, 2025		Soil	S25-Jn0010787						X												
77	TP109_0.3	May 27, 2025		Soil	S25-Jn0010788				X														
78	TP110_0.3	May 27, 2025		Soil	S25-Jn0010789				X														
79	TP111_0.7	May 27, 2025		Soil	S25-Jn0010790				X														
80	TP112_0.3	May 27, 2025		Soil	S25-Jn0010791						X			X						X			X
81	TP112_0.5	May 27, 2025		Soil	S25-Jn0010792						X												
82	TP112_1	May 27, 2025		Soil	S25-Jn0010793				X														
83	TP113_0.3	May 27, 2025		Soil	S25-Jn0010794	X								X									X
84	TP113_0.5	May 27, 2025		Soil	S25-Jn0010795				X														
85	TP114_0.3	May 27, 2025		Soil	S25-Jn0010796				X														
86	TP114_0.7	May 27, 2025		Soil	S25-Jn0010797				X														
87	TP115_0.5	May 27, 2025		Soil	S25-Jn0010798	X								X						X			X
88	TP115_1	May 27, 2025		Soil	S25-Jn0010799				X														
89	TP115_1.5	May 27, 2025		Soil	S25-Jn0010800				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Site# 2370 & 2554

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Address: Level 9, The Forum, 203 Pacific Highway
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NSW 2065

Project Name: MILTON PS
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Phone: (02) 9493 9700
Fax:

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Eurofins Analytical Services Manager : Roopesh Rangarajan

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
90	TP116_0.3	May 28, 2025		Soil	S25-Jn0010801				X														
91	TP116_1	May 28, 2025		Soil	S25-Jn0010802				X														
92	TP117_0.3	May 28, 2025		Soil	S25-Jn0010803				X														
93	TP117_1	May 28, 2025		Soil	S25-Jn0010804				X														
94	TP117_1.3	May 28, 2025		Soil	S25-Jn0010805				X														
95	TP118_0.3	May 28, 2025		Soil	S25-Jn0010806						X												
96	TP118_0.5	May 28, 2025		Soil	S25-Jn0010807						X												
97	TP118_1.5	May 28, 2025		Soil	S25-Jn0010808						X												
98	TP118_2	May 28, 2025		Soil	S25-Jn0010809						X												
99	TP118_2.5	May 28, 2025		Soil	S25-Jn0010810				X														
100	TP119_0.3	May 28, 2025		Soil	S25-Jn0010811				X														
101	TP119_0.5	May 28, 2025		Soil	S25-Jn0010812				X														
102	TP119_1	May 28, 2025		Soil	S25-Jn0010813				X														
103	TP120_0.3	May 28, 2025		Soil	S25-Jn0010814				X														
104	TP120_0.7	May 28, 2025		Soil	S25-Jn0010815				X														
105	TP122_0.5	May 28, 2025		Soil	S25-Jn0010816				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
106	TP122_1	May 28, 2025		Soil	S25-Jn0010817				X														
107	TP122_1.7	May 28, 2025		Soil	S25-Jn0010818				X														
108	TP122_2.2	May 28, 2025		Soil	S25-Jn0010819				X														
109	TP122_2.7	May 28, 2025		Soil	S25-Jn0010820									X		X							
110	TP123_1	May 28, 2025		Soil	S25-Jn0010821						X												
111	TP123_1.5	May 28, 2025		Soil	S25-Jn0010822						X												
112	TP123_2.5	May 28, 2025		Soil	S25-Jn0010823						X												
113	TP123_3.5	May 28, 2025		Soil	S25-Jn0010824						X												
114	TP124_0.3	May 28, 2025		Soil	S25-Jn0010825	X								X		X							
115	TP124_0.8	May 28, 2025		Soil	S25-Jn0010826				X														
116	TP126_0.3	May 28, 2025		Soil	S25-Jn0010827				X														
117	TP126_0.5	May 28, 2025		Soil	S25-Jn0010828				X														
118	TP127_0.3	May 28, 2025		Soil	S25-Jn0010829				X														
119	TP127_0.5	May 28, 2025		Soil	S25-Jn0010830				X														
120	HA101_0.3	May 28, 2025		Soil	S25-Jn0010831				X														
121	HA101_0.5	May 28, 2025		Soil	S25-Jn0010832				X														

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Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
122	HA101_1	May 28, 2025		Soil	S25-Jn0010833				X														
123	HA102_0.3	May 29, 2025		Soil	S25-Jn0010834				X														
124	HA102_0.5	May 29, 2025		Soil	S25-Jn0010835				X														
125	HA102_0.9	May 29, 2025		Soil	S25-Jn0010836	X								X						X			X
126	HA103_0.5	May 29, 2025		Soil	S25-Jn0010837				X														
127	HA103_0.8	May 29, 2025		Soil	S25-Jn0010838				X														
128	QA101	May 27, 2025		Soil	S25-Jn0010839				X														
129	QC101	May 27, 2025		Soil	S25-Jn0010840				X														
130	QA102	May 27, 2025		Soil	S25-Jn0010841									X						X			X
131	QC102	May 27, 2025		Soil	S25-Jn0010842					X													
132	QA103	May 27, 2025		Soil	S25-Jn0010843				X														
133	QC103	May 27, 2025		Soil	S25-Jn0010844				X														
134	QA201	May 28, 2025		Soil	S25-Jn0010845						X			X						X			X
135	QC201	May 28, 2025		Soil	S25-Jn0010846					X													
136	Rin-G	May 29, 2025		Soil	S25-Jn0010847				X														
137	Rin-PFAS	May 29, 2025		Water	S25-Jn0010848				X														

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Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
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NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
138	TP118_1.5_B	May 27, 2025		Soil	S25-Jn0011699				X														
139	TP108_0.5_B	May 27, 2025		Soil	S25-Jn0011700				X														
140	SP1	May 27, 2025		Soil	S25-Jn0011756	X								X						X			X
Test Counts						34	1	1	60	6	20	1	3	57	4	10	1	3	1	44	1	1	39

Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report in blue indicates data provided by the customer that may impact the results.
5. This report replaces any interim results previously issued.

Holding Times

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

Units

% w/w:	Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**)
F/fld	Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**)
F/mL	Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**)
g, kg	Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**)
g/kg	Concentration in grams per kilogram
L, mL	Volume, e.g. of air as measured in AFM (**V** = **r** x **t**)
L/min	Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**)
min	Time (**t**), e.g. of air sample collection period

Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\ w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

Terms

%Asbestos	Estimated percentage of asbestos in a given matrix may be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**P_A**). This estimate is not NATA-accredited.
ACM	Asbestos Containing Materials. Asbestos in a non-asbestos matrix is typically presented in bonded (non-friable) condition. For the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm.
AF	Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material, such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to "non-bonded / friable".
AFM	Airborne Fibre Monitoring, e.g., by the MFM.
Amosite	Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.
AS	Australian Standard.
Asbestos Content (as asbestos)	Total %w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**).
Chrysotile	Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.
COC	Chain of Custody.
Crocidolite	Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.
Dry	Sample is dried by heating before analysis.
DS	Dispersion Staining. The technique required for unequivocal identification of asbestos fibres by PLM.
FA	Fibrous Asbestos. Asbestos-containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material previously non-friable and severely degraded. For the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to distinguish visibly and may be assessed as AF.
Fibre Count	Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003
Fibre ID	Fibre Identification. Unequivocal identification of asbestos fibres according to AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos.
Friable	Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the NEPM, this includes both AF and FA. It is outside of the laboratory's remit to assess the degree of friability.
HSG248	UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021), ISBN: 9780616667079.
HSG264	UK HSE HSG264, *Asbestos: The Survey Guide* (2012), ISBN: 9780717665020
ISO (also ISO/IEC)	International Organization for Standardization / International Electrotechnical Commission.
K Factor	Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**).
LOR	Limit of Reporting.
MFM (also NOHSC:3003)	Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)].
MMVF	Man-Made Vitreous Fibre - exhibiting isotropic characteristics, including glass fibres, glass wool, rock wool, slag wool, ceramic fibres and "bio-soluble fibres. NOTE: previously known as "synthetic mineral fibre" (SMF).
NEPM (also ASC NEPM)	National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended).
Organic	Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified per AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.
PCM	Phase Contrast Microscopy. This is used for fibre counting, according to the MFM.
PLM	Polarised Light Microscopy. It is used for fibre identification and residual analysis according to AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004.
Sampling	Unless otherwise stated, Eurofins are not responsible for sampling equipment or the sampling process.
SRA	Sample Receipt Advice.
Residual Analysis	An analytical procedure is used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix according to AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly Trace Analysis in AS 4964-2004.
UK HSE HSG	United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication.
Inconclusive	Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according to AS 5370:2024* Sampling and qualitative identification of asbestos in bulk materials (ISO 22262-1:2012, MOD), formerly AS 4964-2004. It may include (but is not limited to) actinolite, anthophyllite, or tremolite asbestos. SEM/TEM is required for definitive identification.
WA DOH	Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis*
Weighted Average	Combined average %w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**).

Comments

Report 1228331-AID-V2 (amendment to report 1228331-AID) has been issued with revised results for PFAS Short on samples 25-Jn0010728 and 25-Jn0010733, following repeat analysis.

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	No
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Asbestos Counter/Identifier:

Paul Arendse	Senior Analyst-Asbestos

Authorised by:

Sayeed Abu	Senior Analyst-Asbestos

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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Certificate of Analysis

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.

Stantec Australia Pty Ltd
Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Attention: **Callum Laker**

Report **1228331-S**
Project name MILTON PS
Project ID 3050016633
Received Date Jun 03, 2025

Client Sample ID			G01 **TP101_0.1**	**TP102_0.1**	**TP103_0.1**	**TP104_0.1**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S25-Jn0010706**	**S25-Jn0010707**	**S25-Jn0010708**	**S25-Jn0010709**
Date Sampled			**May 27, 2025**	**May 27, 2025**	**May 27, 2025**	**May 27, 2025**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	56	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	180	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	236	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	160	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	290	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	450	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	INT	118	121	86
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			G01 TP101_0.1	TP102_0.1	TP103_0.1	TP104_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010706	S25-Jn0010707	S25-Jn0010708	S25-Jn0010709
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	103	86	120	80
p-Terphenyl-d14 (surr.)	1	%	94	76	112	83
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 10	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	91	122	150	128
Tetrachloro-m-xylene (surr.)	1	%	109	110	111	94
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 5	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2

Client Sample ID			G01 TP101_0.1	TP102_0.1	TP103_0.1	TP104_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010706	S25-Jn0010707	S25-Jn0010708	S25-Jn0010709
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Dimethoate	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 5	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 5	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	62	77	119	79
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1221	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1232	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1242	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1248	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1254	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1260	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Total PCB*	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	91	122	150	-
Tetrachloro-m-xylene (surr.)	1	%	109	110	111	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	-
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	-
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	-
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	-

Client Sample ID			G01 TP101_0.1	TP102_0.1	TP103_0.1	TP104_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010706	S25-Jn0010707	S25-Jn0010708	S25-Jn0010709
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.5	< 0.2	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 1	< 0.4	< 0.4	-
Total cresols*	0.5	mg/kg	< 1	< 0.5	< 0.5	-
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	-
Dinoseb	20	mg/kg	< 20	< 20	< 20	-
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Phenol-d6 (surr.)	1	%	73	87	109	-
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	-
Heavy Metals						
Arsenic	2	mg/kg	4.3	< 2	7.2	2.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	27	6.3	17	< 5
Copper	5	mg/kg	34	69	25	75
Lead	5	mg/kg	12	88	10	31
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	37	< 5	20	< 5
Zinc	5	mg/kg	56	60	63	81
Sample Properties						
% Moisture	1	%	5.4	33	7.8	26
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	91	107	112	128
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	113	128	127	138
13C8-PFOS (surr.)	1	%	139	157	138	126
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	119	121	109	118
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5

Client Sample ID			TP105_0.1	TP106_0.1	TP107_0.1	TP108_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010710	S25-Jn0010711	S25-Jn0010712	S25-Jn0010713
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	77	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	77	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	154	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	63	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	63	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	110	INT	INT	92
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	92	94	97	114
p-Terphenyl-d14 (surr.)	1	%	85	91	92	102

Client Sample ID			TP105_0.1	TP106_0.1	TP107_0.1	TP108_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010710	S25-Jn0010711	S25-Jn0010712	S25-Jn0010713
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	116	113	82	-
Tetrachloro-m-xylene (surr.)	1	%	88	91	103	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Coumaphos	2	mg/kg	< 2	< 2	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-

Client Sample ID			TP105_0.1	TP106_0.1	TP107_0.1	TP108_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010710	S25-Jn0010711	S25-Jn0010712	S25-Jn0010713
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Monocrotophos	2	mg/kg	< 2	< 2	< 2	-
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Omethoate	2	mg/kg	< 2	< 2	< 2	-
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	84	85	90	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	-	< 0.1	-
Total PCB*	0.1	mg/kg	-	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	-	82	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	103	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	-	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	-	-	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	-	-	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	-	-	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	-	-	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	-	-	< 1	-
Pentachlorophenol	1	mg/kg	-	-	< 1	-
Tetrachlorophenols - Total	10	mg/kg	-	-	< 10	-
Total Halogenated Phenol*	1	mg/kg	-	-	< 1	-
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	-	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	-	< 5	-
2-Nitrophenol	1	mg/kg	-	-	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	-	-	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	-	-	< 5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	< 0.4	-
Total cresols*	0.5	mg/kg	-	-	< 0.5	-
4-Nitrophenol	5	mg/kg	-	-	< 5	-
Dinoseb	20	mg/kg	-	-	< 20	-
Phenol	0.5	mg/kg	-	-	< 0.5	-
Phenol-d6 (surr.)	1	%	-	-	83	-
Total Non-Halogenated Phenol*	20	mg/kg	-	-	< 20	-

Client Sample ID			TP105_0.1	TP106_0.1	TP107_0.1	TP108_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010710	S25-Jn0010711	S25-Jn0010712	S25-Jn0010713
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	< 2	3.4	2.4	2.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	5.0	< 5	8.5
Copper	5	mg/kg	75	87	78	90
Lead	5	mg/kg	20	23	31	25
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	< 5
Zinc	5	mg/kg	53	68	110	28
Sample Properties						
% Moisture	1	%	23	39	36	30
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	100	71	116	101
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	108	108	112	170
13C8-PFOS (surr.)	1	%	142	144	149	164
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	133	108	107	138
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	-	5.7
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	-	3.8
Reaction Ratings*[S05]	0	comment	-	-	-	4.0

Client Sample ID			TP108_0.3	TP108_1	TP109_0.1	TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010714	S25-Jn0010715	S25-Jn0010716	S25-Jn0010717
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

Client Sample ID			TP108_0.3	TP108_1	TP109_0.1	TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010714	S25-Jn0010715	S25-Jn0010716	S25-Jn0010717
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	87	104	85	112
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	103	89	110
p-Terphenyl-d14 (surr.)	1	%	82	84	86	88
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05

Client Sample ID			TP108_0.3	TP108_1	TP109_0.1	TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010714	S25-Jn0010715	S25-Jn0010716	S25-Jn0010717
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	130	-	118	126
Tetrachloro-m-xylene (surr.)	1	%	102	-	93	90
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	-	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	-	< 2	< 2
Naled	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	-	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	84	-	84	82

Client Sample ID			TP108_0.3	TP108_1	TP109_0.1	TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010714	S25-Jn0010715	S25-Jn0010716	S25-Jn0010717
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	-	-	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	130	-	-	126
Tetrachloro-m-xylene (surr.)	1	%	102	-	-	90
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	-	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	-	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	-	-	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	-	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	-	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	-	-	< 1
Pentachlorophenol	1	mg/kg	< 1	-	-	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	-	-	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	-	-	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	-	-	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	-	-	< 5
2-Nitrophenol	1	mg/kg	< 1	-	-	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	-	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	-	-	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	-	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	-	-	< 0.5
4-Nitrophenol	5	mg/kg	< 5	-	-	< 5
Dinoseb	20	mg/kg	< 20	-	-	< 20
Phenol	0.5	mg/kg	< 0.5	-	-	< 0.5
Phenol-d6 (surr.)	1	%	94	-	-	93
Total Non-Halogenated Phenol*	20	mg/kg	< 20	-	-	< 20
Heavy Metals						
Arsenic	2	mg/kg	7.2	< 2	-	2.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	-	< 0.4
Chromium	5	mg/kg	13	< 5	-	8.0
Copper	5	mg/kg	17	61	-	90
Lead	5	mg/kg	13	6.4	-	18
Mercury	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Nickel	5	mg/kg	20	< 5	-	< 5
Zinc	5	mg/kg	54	5.0	-	14
Sample Properties						
% Moisture	1	%	6.0	32	31	33

Client Sample ID			TP108_0.3	TP108_1	TP109_0.1	TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010714	S25-Jn0010715	S25-Jn0010716	S25-Jn0010717
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	-	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	-	-	107	124
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	-	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	-	< 5	< 5
18O2-PFHxS (surr.)	1	%	-	-	126	118
13C8-PFOS (surr.)	1	%	-	-	147	127
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	-	< 5	< 5
13C8-PFOA (surr.)	1	%	-	-	122	112
Sum (PFHxS + PFOS)*	5	ug/kg	-	-	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	-	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	-	< 5	< 5
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	7.5	5.0	-	-
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	2.7	3.5	-	-
Reaction Ratings*[S05]	0	comment	3.0	2.0	-	-

Client Sample ID			TP111_0.1	TP111_0.3	TP112_0.1	TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010719	S25-Jn0010720	S25-Jn0010722	S25-Jn0010723
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	54	< 50	80	< 50
TRH C29-C36	50	mg/kg	55	< 50	83	< 50
TRH C10-C36 (Total)	50	mg/kg	109	< 50	163	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	130	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	130	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	85	78	93	90
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			TP111_0.1	TP111_0.3	TP112_0.1	TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010719	S25-Jn0010720	S25-Jn0010722	S25-Jn0010723
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	0.7	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	1.0	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.3	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	0.6	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	0.6	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	0.7	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	0.8	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	1.4	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	0.6	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	1.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	6.2	< 0.5
2-Fluorobiphenyl (surr.)	1	%	106	110	97	103
p-Terphenyl-d14 (surr.)	1	%	116	97	89	120
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	125	-	112	136
Tetrachloro-m-xylene (surr.)	1	%	113	-	95	113

Client Sample ID			TP111_0.1	TP111_0.3	TP112_0.1	TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010719	S25-Jn0010720	S25-Jn0010722	S25-Jn0010723
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	-	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	-	< 2	< 2
Naled	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	-	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	119	-	67	110
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1221	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1232	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1242	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1248	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1254	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1260	0.1	mg/kg	< 0.1	-	< 0.1	-
Total PCB*	0.1	mg/kg	< 0.1	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	125	-	112	-
Tetrachloro-m-xylene (surr.)	1	%	113	-	95	-

Client Sample ID			TP111_0.1	TP111_0.3	TP112_0.1	TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010719	S25-Jn0010720	S25-Jn0010722	S25-Jn0010723
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	-	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	-	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	-	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	-	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	-	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	-	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	-	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	-	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	-	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	-	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	-	< 5	< 5
Dinoseb	20	mg/kg	< 20	-	< 20	< 20
Phenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	102	-	76	92
Total Non-Halogenated Phenol*	20	mg/kg	< 20	-	< 20	< 20
Heavy Metals						
Arsenic	2	mg/kg	4.5	4.8	5.5	2.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	12	12	16	7.7
Copper	5	mg/kg	37	26	22	66
Lead	5	mg/kg	15	14	17	20
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	20	16	16	< 5
Zinc	5	mg/kg	60	50	68	69
Sample Properties						
% Moisture	1	%	8.9	7.9	9.1	30
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	-	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	101	-	137	76
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	-	< 5	< 5
18O2-PFHxS (surr.)	1	%	168	-	108	158
13C8-PFOS (surr.)	1	%	153	-	122	173
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	-	< 5	< 5
13C8-PFOA (surr.)	1	%	137	-	115	132
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	-	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	-	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	-	< 5	< 5

Client Sample ID			TP111_0.1	TP111_0.3	TP112_0.1	TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010719	S25-Jn0010720	S25-Jn0010722	S25-Jn0010723
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	8.9	-
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	7.5	-
Reaction Ratings*[S05]	0	comment	-	-	4.0	-

Client Sample ID			TP114_0.1	TP115_0.1	TP115_0.3	TP116_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010724	S25-Jn0010725	S25-Jn0010726	S25-Jn0010728
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	52
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	52
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	80	114	63	76
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			TP114_0.1	TP115_0.1	TP115_0.3	TP116_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010724	S25-Jn0010725	S25-Jn0010726	S25-Jn0010728
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	108	62	116	97
p-Terphenyl-d14 (surr.)	1	%	118	57	101	103
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	118	79	-	94
Tetrachloro-m-xylene (surr.)	1	%	111	63	-	99
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	-	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2

Client Sample ID			TP114_0.1	TP115_0.1	TP115_0.3	TP116_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010724	S25-Jn0010725	S25-Jn0010726	S25-Jn0010728
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	-	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Omethoate	2	mg/kg	< 2	< 2	-	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	107	50	-	70
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1221	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1232	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1242	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1248	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1254	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	< 0.1	-	< 0.1
Total PCB*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	79	-	94
Tetrachloro-m-xylene (surr.)	1	%	-	63	-	99
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	< 0.5	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	< 0.5	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	< 1	-	< 1
2.4.6-Trichlorophenol	1	mg/kg	-	< 1	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	< 0.5	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	< 1	-	< 1
Pentachlorophenol	1	mg/kg	-	< 1	-	< 1
Tetrachlorophenols - Total	10	mg/kg	-	< 10	-	< 10
Total Halogenated Phenol*	1	mg/kg	-	< 1	-	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	< 20	-	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	< 5	-	< 5
2-Nitrophenol	1	mg/kg	-	< 1	-	< 1
2.4-Dimethylphenol	0.5	mg/kg	-	< 0.5	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	< 5	-	< 5

Client Sample ID			TP114_0.1	TP115_0.1	TP115_0.3	TP116_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010724	S25-Jn0010725	S25-Jn0010726	S25-Jn0010728
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Phenols (non-Halogenated)						
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	-	< 0.4
Total cresols*	0.5	mg/kg	-	< 0.5	-	< 0.5
4-Nitrophenol	5	mg/kg	-	< 5	-	< 5
Dinoseb	20	mg/kg	-	< 20	-	< 20
Phenol	0.5	mg/kg	-	< 0.5	-	< 0.5
Phenol-d6 (surr.)	1	%	-	55	-	76
Total Non-Halogenated Phenol*	20	mg/kg	-	< 20	-	< 20
Heavy Metals						
Arsenic	2	mg/kg	2.2	3.8	2.3	2.6
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	6.4	10	< 5	5.3
Copper	5	mg/kg	80	94	110	73
Lead	5	mg/kg	25	19	13	13
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	13	< 5	< 5
Zinc	5	mg/kg	28	59	45	30
Sample Properties						
% Moisture	1	%	33	25	28	16
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	-	< 10
13C2-6:2 FTSA (surr.)	1	%	136	108	-	128
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	-	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	-	[N09]24
18O2-PFHxS (surr.)	1	%	168	127	-	142
13C8-PFOS (surr.)	1	%	153	148	-	129
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	-	< 5
13C8-PFOA (surr.)	1	%	132	125	-	127
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	-	24
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	24
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	24

Client Sample ID			TP116_0.5	TP117_0.1	TP117_0.5	TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010729	S25-Jn0010730	S25-Jn0010731	S25-Jn0010732
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50

Client Sample ID			TP116_0.5	TP117_0.1	TP117_0.5	TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010729	S25-Jn0010730	S25-Jn0010731	S25-Jn0010732
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	71	75	92	92
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	88	87	88	109
p-Terphenyl-d14 (surr.)	1	%	80	92	77	114
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	-	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	-	-	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	-	-	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	-	-	< 0.05	< 0.05
a-HCH	0.05	mg/kg	-	-	< 0.05	< 0.05
Aldrin	0.05	mg/kg	-	-	< 0.05	< 0.05
b-HCH	0.05	mg/kg	-	-	< 0.05	< 0.05
d-HCH	0.05	mg/kg	-	-	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	-	-	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	-	-	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	-	-	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	-	< 0.05	< 0.05

Client Sample ID			TP116_0.5	TP117_0.1	TP117_0.5	TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010729	S25-Jn0010730	S25-Jn0010731	S25-Jn0010732
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Endrin	0.05	mg/kg	-	-	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	-	-	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	-	-	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	-	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	-	-	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	-	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	-	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	-	-	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	-	-	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	-	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	-	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	-	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	-	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	-	104	139
Tetrachloro-m-xylene (surr.)	1	%	-	-	88	112
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	-	< 0.2	< 0.2
Bolstar	0.2	mg/kg	-	-	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	-	-	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	-	< 0.2	< 0.2
Coumaphos	2	mg/kg	-	-	< 2	< 2
Demeton-S	0.2	mg/kg	-	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	-	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	-	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	-	-	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	-	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	-	-	< 0.2	< 0.2
EPN	0.2	mg/kg	-	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	-	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	-	-	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	-	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	-	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	-	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	-	-	< 0.2	< 0.2
Malathion	0.2	mg/kg	-	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	-	-	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	-	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	-	-	< 0.2	< 0.2
Monocrotophos	2	mg/kg	-	-	< 2	< 2
Naled	0.2	mg/kg	-	-	< 0.2	< 0.2
Omethoate	2	mg/kg	-	-	< 2	< 2
Phorate	0.2	mg/kg	-	-	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	-	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	-	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	-	-	< 0.2	< 0.2
Terbufos	0.2	mg/kg	-	-	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	-	-	< 0.2	< 0.2

Client Sample ID			TP116_0.5	TP117_0.1	TP117_0.5	TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010729	S25-Jn0010730	S25-Jn0010731	S25-Jn0010732
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Trichloronate	0.2	mg/kg	-	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	-	-	73	111
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	-	< 0.1	-
Total PCB*	0.1	mg/kg	-	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	-	104	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	88	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	-	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	-	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	-	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	-	-	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	-	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	-	< 1	< 1
Pentachlorophenol	1	mg/kg	-	-	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	-	-	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	-	-	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	-	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	-	< 5	< 5
2-Nitrophenol	1	mg/kg	-	-	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	-	-	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	-	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	-	-	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	-	-	< 5	< 5
Dinoseb	20	mg/kg	-	-	< 20	< 20
Phenol	0.5	mg/kg	-	-	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	-	-	86	84
Total Non-Halogenated Phenol*	20	mg/kg	-	-	< 20	< 20
Heavy Metals						
Arsenic	2	mg/kg	< 2	4.8	3.0	4.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	13	< 5	8.1
Copper	5	mg/kg	75	69	99	87
Lead	5	mg/kg	16	22	13	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	6.2	< 5	5.9
Zinc	5	mg/kg	20	77	26	55
Sample Properties						
% Moisture	1	%	26	31	20	28

Client Sample ID			TP116_0.5	TP117_0.1	TP117_0.5	TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010729	S25-Jn0010730	S25-Jn0010731	S25-Jn0010732
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	-	83	96	94
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	-	175	142	168
13C8-PFOS (surr.)	1	%	-	154	190	170
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	-	131	125	137
Sum (PFHxS + PFOS)*	5	ug/kg	-	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	-	7.9
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	-	4.9
Reaction Ratings*[S05]	0	comment	-	-	-	4.0

Client Sample ID			TP118_1	TP119_0.1	TP120_0.1	TP121_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010733	S25-Jn0010734	S25-Jn0010735	S25-Jn0010736
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	70	62	121	57
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			TP118_1	TP119_0.1	TP120_0.1	TP121_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010733	S25-Jn0010734	S25-Jn0010735	S25-Jn0010736
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	99	94	91	133
p-Terphenyl-d14 (surr.)	1	%	89	87	87	119
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	111	92	95	132
Tetrachloro-m-xylene (surr.)	1	%	100	89	89	121

Client Sample ID			TP118_1	TP119_0.1	TP120_0.1	TP121_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010733	S25-Jn0010734	S25-Jn0010735	S25-Jn0010736
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	92	85	83	131
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	111	92	95	132
Tetrachloro-m-xylene (surr.)	1	%	100	89	89	121

Client Sample ID			TP118_1	TP119_0.1	TP120_0.1	TP121_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010733	S25-Jn0010734	S25-Jn0010735	S25-Jn0010736
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
Dinoseb	20	mg/kg	< 20	< 20	< 20	< 20
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	82	86	77	109
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	< 20
Heavy Metals						
Arsenic	2	mg/kg	2.3	6.5	3.3	9.9
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	13	9.2	30
Copper	5	mg/kg	130	73	62	72
Lead	5	mg/kg	14	23	13	36
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	6.6	5.6	11
Zinc	5	mg/kg	36	86	50	140
Sample Properties						
% Moisture	1	%	23	35	32	33
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	105	125	121	102
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	[N09]12	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	138	161	156	176
13C8-PFOS (surr.)	1	%	142	139	129	144
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	122	120	138	128
Sum (PFHxS + PFOS)*	5	ug/kg	12	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	12	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	12	< 5	< 5	< 5

Client Sample ID			TP118_1	TP119_0.1	TP120_0.1	TP121_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010733	S25-Jn0010734	S25-Jn0010735	S25-Jn0010736
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	5.7	-	-	-
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	3.4	-	-	-
Reaction Ratings*[S05]	0	comment	4.0	-	-	-

Client Sample ID			TP121_0.3	TP122_0.3	TP123_0.1	TP123_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010737	S25-Jn0010740	S25-Jn0010741	S25-Jn0010742
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	31	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	130	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	110	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	271	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	190	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	190	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	115	93	118	108
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			TP121_0.3	TP122_0.3	TP123_0.1	TP123_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010737	S25-Jn0010740	S25-Jn0010741	S25-Jn0010742
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	89	97	100	90
p-Terphenyl-d14 (surr.)	1	%	86	96	104	82
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	< 0.1	-
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	-
a-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	-
b-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
d-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	-
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	-
Toxaphene	0.5	mg/kg	-	< 0.5	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	88	136	-
Tetrachloro-m-xylene (surr.)	1	%	-	100	115	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Coumaphos	2	mg/kg	-	< 2	< 2	-
Demeton-S	0.2	mg/kg	-	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	-
Dimethoate	0.2	mg/kg	-	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	-
EPN	0.2	mg/kg	-	< 0.2	< 0.2	-

Client Sample ID			TP121_0.3	TP122_0.3	TP123_0.1	TP123_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010737	S25-Jn0010740	S25-Jn0010741	S25-Jn0010742
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Malathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Monocrotophos	2	mg/kg	-	< 2	< 2	-
Naled	0.2	mg/kg	-	< 0.2	< 0.2	-
Omethoate	2	mg/kg	-	< 2	< 2	-
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Pyrazophos	0.2	mg/kg	-	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	-
Terbufos	0.2	mg/kg	-	< 0.2	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	91	102	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	< 0.1	< 0.1	-
Total PCB*	0.1	mg/kg	-	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	88	136	-
Tetrachloro-m-xylene (surr.)	1	%	-	100	115	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	< 1	-	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	< 1	-	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	< 1	-	< 1	-
Pentachlorophenol	1	mg/kg	< 1	-	< 1	-
Tetrachlorophenols - Total	10	mg/kg	< 10	-	< 10	-
Total Halogenated Phenol*	1	mg/kg	< 1	-	< 1	-
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	-	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	-	< 5	-
2-Nitrophenol	1	mg/kg	< 1	-	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	< 5	-	< 5	-

Client Sample ID			TP121_0.3	TP122_0.3	TP123_0.1	TP123_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010737	S25-Jn0010740	S25-Jn0010741	S25-Jn0010742
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Phenols (non-Halogenated)						
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	< 0.4	-
Total cresols*	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Nitrophenol	5	mg/kg	< 5	-	< 5	-
Dinoseb	20	mg/kg	< 20	-	< 20	-
Phenol	0.5	mg/kg	< 0.5	-	< 0.5	-
Phenol-d6 (surr.)	1	%	85	-	81	-
Total Non-Halogenated Phenol*	20	mg/kg	< 20	-	< 20	-
Heavy Metals						
Arsenic	2	mg/kg	2.7	2.8	5.9	< 2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	< 5	18	< 5
Copper	5	mg/kg	130	160	85	120
Lead	5	mg/kg	12	16	24	15
Mercury	0.1	mg/kg	< 0.1	< 0.1	0.2	< 0.1
Nickel	5	mg/kg	< 5	< 5	9.0	< 5
Zinc	5	mg/kg	40	48	85	28
Sample Properties						
% Moisture	1	%	24	23	38	21
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	-	113	129	111
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	-	134	160	157
13C8-PFOS (surr.)	1	%	-	153	145	147
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	-	132	118	123
Sum (PFHxS + PFOS)*	5	ug/kg	-	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	7.8	5.8
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	4.5	3.7
Reaction Ratings*[S05]	0	comment	-	-	4.0	1.0

Client Sample ID			TP124_0.1	TP125_0.1	TP125_0.3	TP126_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010743	S25-Jn0010744	S25-Jn0010745	S25-Jn0010746
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	-	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	-	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	-	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	-	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	-	< 50

Client Sample ID			TP124_0.1	TP125_0.1	TP125_0.3	TP126_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010743	S25-Jn0010744	S25-Jn0010745	S25-Jn0010746
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10	20	mg/kg	< 20	< 20	-	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	-	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	-	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	-	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	-	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	-	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	-	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	-	< 0.3
4-Bromofluorobenzene (surr.)	1	%	83	67	-	70
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	-	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	-	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2-Fluorobiphenyl (surr.)	1	%	81	80	-	90
p-Terphenyl-d14 (surr.)	1	%	80	74	-	104
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05

Client Sample ID			TP124_0.1	TP125_0.1	TP125_0.3	TP126_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010743	S25-Jn0010744	S25-Jn0010745	S25-Jn0010746
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	101	78	-	92
Tetrachloro-m-xylene (surr.)	1	%	87	77	-	93
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	-	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	-	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Omethoate	2	mg/kg	< 2	< 2	-	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2

Client Sample ID			TP124_0.1	TP125_0.1	TP125_0.3	TP126_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010743	S25-Jn0010744	S25-Jn0010745	S25-Jn0010746
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ronnel	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	77	80	-	96
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	101	78	-	92
Tetrachloro-m-xylene (surr.)	1	%	87	77	-	93
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	-	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	-	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	-	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	-	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	-	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	-	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	-	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	-	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	-	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	-	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	-	< 5
Dinoseb	20	mg/kg	< 20	< 20	-	< 20
Phenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Phenol-d6 (surr.)	1	%	61	67	-	73
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	-	< 20
Heavy Metals						
Arsenic	2	mg/kg	8.6	7.0	3.5	5.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	20	19	< 5	13
Copper	5	mg/kg	100	110	92	78
Lead	5	mg/kg	35	33	8.6	24
Mercury	0.1	mg/kg	0.4	< 0.1	< 0.1	0.2
Nickel	5	mg/kg	13	9.0	< 5	7.4
Zinc	5	mg/kg	150	120	39	73

Client Sample ID			TP124_0.1	TP125_0.1	TP125_0.3	TP126_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010743	S25-Jn0010744	S25-Jn0010745	S25-Jn0010746
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Sample Properties						
% Moisture	1	%	35	38	29	33
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	-	< 10
13C2-6:2 FTSA (surr.)	1	%	84	98	-	99
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	-	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	-	< 5
18O2-PFHxS (surr.)	1	%	148	156	-	158
13C8-PFOS (surr.)	1	%	146	164	-	163
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	-	< 5
13C8-PFOA (surr.)	1	%	134	131	-	115
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	-	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	< 5

Client Sample ID			TP127_0.1	HA101_0.1	HA102_0.1	HA103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010747	S25-Jn0010748	S25-Jn0010749	S25-Jn0010751
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	55	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	55	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	107	97	74	88
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			TP127_0.1	HA101_0.1	HA102_0.1	HA103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010747	S25-Jn0010748	S25-Jn0010749	S25-Jn0010751
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	74	82	99	126
p-Terphenyl-d14 (surr.)	1	%	84	80	113	141
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	100	100	82	140
Tetrachloro-m-xylene (surr.)	1	%	91	89	100	132

Client Sample ID			TP127_0.1	HA101_0.1	HA102_0.1	HA103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010747	S25-Jn0010748	S25-Jn0010749	S25-Jn0010751
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	77	77	89	150
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	100	100	82	140
Tetrachloro-m-xylene (surr.)	1	%	91	89	100	132

Client Sample ID			TP127_0.1	HA101_0.1	HA102_0.1	HA103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010747	S25-Jn0010748	S25-Jn0010749	S25-Jn0010751
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
Dinoseb	20	mg/kg	< 20	< 20	< 20	< 20
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	66	68	75	105
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	< 20
Heavy Metals						
Arsenic	2	mg/kg	< 2	2.3	2.8	2.5
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	5.0	7.7	< 5	5.7
Copper	5	mg/kg	79	34	110	110
Lead	5	mg/kg	17	22	18	37
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	< 5
Zinc	5	mg/kg	29	57	39	120
Sample Properties						
% Moisture	1	%	30	34	28	29
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	122	137	111	97
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	156	160	163	179
13C8-PFOS (surr.)	1	%	140	161	132	175
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	120	124	137	126
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5

Client Sample ID			SED-1	SED-2	[G01]SED-3	QA300
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010755	S25-Jn0010756	S25-Jn0010757	S25-Jn0010760
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	72	< 50	< 50
TRH C29-C36	50	mg/kg	63	92	< 50	66
TRH C10-C36 (Total)	50	mg/kg	63	164	< 50	66
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	160	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	160	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	89	63	135	64
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	86	69	106	86
p-Terphenyl-d14 (surr.)	1	%	84	75	135	89

Client Sample ID			SED-1	SED-2	G01SED-3	QA300
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010755	S25-Jn0010756	S25-Jn0010757	S25-Jn0010760
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 10	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Dibutylchlorendate (surr.)	1	%	102	88	INT	108
Tetrachloro-m-xylene (surr.)	1	%	93	83	119	90
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 5	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2

Client Sample ID			SED-1	SED-2	G01SED-3	QA300
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010755	S25-Jn0010756	S25-Jn0010757	S25-Jn0010760
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 5	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 5	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Triphenylphosphate (surr.)	1	%	86	78	69	84
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Dibutylchlorendate (surr.)	1	%	102	88	INT	108
Tetrachloro-m-xylene (surr.)	1	%	93	83	119	90
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	2.6	< 1	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	2.6	< 1	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
Dinoseb	20	mg/kg	< 20	< 20	< 20	< 20
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	79	71	97	73
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	< 20

Client Sample ID			SED-1	SED-2	G01SED-3	QA300
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010755	S25-Jn0010756	S25-Jn0010757	S25-Jn0010760
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	4.6	4.5	2.9	2.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	5.9	11	64	7.8
Copper	5	mg/kg	120	100	120	34
Lead	5	mg/kg	15	15	7.6	23
Mercury	0.1	mg/kg	< 0.1	0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	5.4	28	< 5
Zinc	5	mg/kg	110	400	97	67
Sample Properties						
% Moisture	1	%	56	78	13	37
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	-	-	< 10
13C2-6:2 FTSA (surr.)	1	%	-	-	-	126
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	-	-	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	-	-	< 5
18O2-PFHxS (surr.)	1	%	-	-	-	138
13C8-PFOS (surr.)	1	%	-	-	-	166
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	-	-	< 5
13C8-PFOA (surr.)	1	%	-	-	-	120
Sum (PFHxS + PFOS)*	5	ug/kg	-	-	-	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	-	-	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	-	-	< 5

Client Sample ID			QA100	QA200	QA301	Trip Blank
Sample Matrix			Soil	Soil	Soil	Trip Blank (solid)
Eurofins Sample No.			S25-Jn0010762	S25-Jn0010764	S25-Jn0010766	S25-Jn0010770
Date Sampled			May 27, 2025	May 28, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	20	< 20	-
TRH C15-C28	50	mg/kg	< 50	65	< 50	-
TRH C29-C36	50	mg/kg	< 50	59	< 50	-
TRH C10-C36 (Total)	50	mg/kg	< 50	144	< 50	-
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	-
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	-
TRH >C16-C34	100	mg/kg	< 100	120	< 100	-
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	-
TRH >C10-C40 (total)*	100	mg/kg	< 100	120	< 100	-
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

Client Sample ID			QA100	QA200	QA301	Trip Blank
Sample Matrix			Soil	Soil	Soil	Trip Blank (solid)
Eurofins Sample No.			S25-Jn0010762	S25-Jn0010764	S25-Jn0010766	S25-Jn0010770
Date Sampled			May 27, 2025	May 28, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
BTEX						
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	109	87	73	88
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	-
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	-
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2-Fluorobiphenyl (surr.)	1	%	115	87	62	-
p-Terphenyl-d14 (surr.)	1	%	119	87	85	-
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-

Client Sample ID			QA100	QA200	QA301	Trip Blank
Sample Matrix			Soil	Soil	Soil	Trip Blank (solid)
Eurofins Sample No.			S25-Jn0010762	S25-Jn0010764	S25-Jn0010766	S25-Jn0010770
Date Sampled			May 27, 2025	May 28, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	INT	117	104	-
Tetrachloro-m-xylene (surr.)	1	%	117	93	92	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Coumaphos	2	mg/kg	< 2	< 2	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Monocrotophos	2	mg/kg	< 2	< 2	< 2	-
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Omethoate	2	mg/kg	< 2	< 2	< 2	-
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	108	94	78	-

Client Sample ID			QA100	QA200	QA301	Trip Blank
Sample Matrix			Soil	Soil	Soil	Trip Blank (solid)
Eurofins Sample No.			S25-Jn0010762	S25-Jn0010764	S25-Jn0010766	S25-Jn0010770
Date Sampled			May 27, 2025	May 28, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	INT	117	104	-
Tetrachloro-m-xylene (surr.)	1	%	117	93	92	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	-
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	-
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	-
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	-
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	-
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	-
Dinoseb	20	mg/kg	< 20	< 20	< 20	-
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Phenol-d6 (surr.)	1	%	86	72	83	-
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	-
Heavy Metals						
Arsenic	2	mg/kg	2.2	5.2	4.3	-
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	-
Chromium	5	mg/kg	< 5	14	5.9	-
Copper	5	mg/kg	73	78	130	-
Lead	5	mg/kg	30	25	16	-
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Nickel	5	mg/kg	< 5	6.6	< 5	-
Zinc	5	mg/kg	75	89	94	-
Sample Properties						
% Moisture	1	%	24	27	63	-

Client Sample ID			QA100	QA200	QA301	Trip Blank
Sample Matrix			Soil	Soil	Soil	Trip Blank (solid)
Eurofins Sample No.			S25-Jn0010762	S25-Jn0010764	S25-Jn0010766	S25-Jn0010770
Date Sampled			May 27, 2025	May 28, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	-	-
13C2-6:2 FTSA (surr.)	1	%	111	118	-	-
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	-	-
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	-	-
18O2-PFHxS (surr.)	1	%	155	150	-	-
13C8-PFOS (surr.)	1	%	163	186	-	-
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	-	-
13C8-PFOA (surr.)	1	%	136	133	-	-
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	-	-
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	-
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	-
BTEX and Naphthalene						
Naphthalene[N02]	0.5	mg/kg	-	-	-	< 0.5

Client Sample ID			Trip Spike	TP103_0.3	TP108_0.5	TP112_0.3
Sample Matrix			Trip Spike (solid)	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010771	S25-Jn0010779	S25-Jn0010787	S25-Jn0010791
Date Sampled			May 29, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	-	< 20	-	< 20
TRH C10-C14	20	mg/kg	-	< 20	-	< 20
TRH C15-C28	50	mg/kg	-	< 50	-	< 50
TRH C29-C36	50	mg/kg	-	< 50	-	< 50
TRH C10-C36 (Total)	50	mg/kg	-	< 50	-	< 50
TRH C6-C10	20	mg/kg	-	< 20	-	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	-	< 20	-	< 20
TRH >C10-C16	50	mg/kg	-	< 50	-	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	-	< 50	-	< 50
TRH >C16-C34	100	mg/kg	-	< 100	-	< 100
TRH >C34-C40	100	mg/kg	-	< 100	-	< 100
TRH >C10-C40 (total)*	100	mg/kg	-	< 100	-	< 100
BTEX						
Benzene	0.1	mg/kg	-	< 0.1	-	< 0.1
Toluene	0.1	mg/kg	-	< 0.1	-	< 0.1
Ethylbenzene	0.1	mg/kg	-	< 0.1	-	< 0.1
m&p-Xylenes	0.2	mg/kg	-	< 0.2	-	< 0.2
o-Xylene	0.1	mg/kg	-	< 0.1	-	< 0.1
Xylenes - Total*	0.3	mg/kg	-	< 0.3	-	< 0.3
4-Bromofluorobenzene (surr.)	1	%	-	115	-	82
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	-	< 0.5	-	< 0.5

Client Sample ID			Trip Spike	TP103_0.3	TP108_0.5	TP112_0.3
Sample Matrix			Trip Spike (solid)	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010771	S25-Jn0010779	S25-Jn0010787	S25-Jn0010791
Date Sampled			May 29, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	< 0.5	-	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	0.6	-	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	1.2	-	1.2
Acenaphthene	0.5	mg/kg	-	< 0.5	-	< 0.5
Acenaphthylene	0.5	mg/kg	-	< 0.5	-	< 0.5
Anthracene	0.5	mg/kg	-	< 0.5	-	< 0.5
Benz(a)anthracene	0.5	mg/kg	-	< 0.5	-	< 0.5
Benzo(a)pyrene	0.5	mg/kg	-	< 0.5	-	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	< 0.5	-	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	-	< 0.5	-	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	-	< 0.5	-	< 0.5
Chrysene	0.5	mg/kg	-	< 0.5	-	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	-	< 0.5	-	< 0.5
Fluoranthene	0.5	mg/kg	-	< 0.5	-	< 0.5
Fluorene	0.5	mg/kg	-	< 0.5	-	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	< 0.5	-	< 0.5
Naphthalene	0.5	mg/kg	-	< 0.5	-	< 0.5
Phenanthrene	0.5	mg/kg	-	< 0.5	-	< 0.5
Pyrene	0.5	mg/kg	-	< 0.5	-	< 0.5
Total PAH*	0.5	mg/kg	-	< 0.5	-	< 0.5
2-Fluorobiphenyl (surr.)	1	%	-	98	-	68
p-Terphenyl-d14 (surr.)	1	%	-	93	-	63
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	-	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	-	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	-	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	-	-	< 0.05
a-HCH	0.05	mg/kg	-	-	-	< 0.05
Aldrin	0.05	mg/kg	-	-	-	< 0.05
b-HCH	0.05	mg/kg	-	-	-	< 0.05
d-HCH	0.05	mg/kg	-	-	-	< 0.05
Dieldrin	0.05	mg/kg	-	-	-	< 0.05
Endosulfan I	0.05	mg/kg	-	-	-	< 0.05
Endosulfan II	0.05	mg/kg	-	-	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	-	-	< 0.05
Endrin	0.05	mg/kg	-	-	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	-	-	< 0.05
Endrin ketone	0.05	mg/kg	-	-	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	-	-	< 0.05
Heptachlor	0.05	mg/kg	-	-	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	-	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
Methoxychlor	0.05	mg/kg	-	-	-	< 0.05
Toxaphene	0.5	mg/kg	-	-	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	-	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	-	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	-	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	-	-	84
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	66

Client Sample ID			Trip Spike	TP103_0.3	TP108_0.5	TP112_0.3
Sample Matrix			Trip Spike (solid)	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010771	S25-Jn0010779	S25-Jn0010787	S25-Jn0010791
Date Sampled			May 29, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	-	-	< 0.2
Bolstar	0.2	mg/kg	-	-	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	-	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	-	-	< 0.2
Coumaphos	2	mg/kg	-	-	-	< 2
Demeton-S	0.2	mg/kg	-	-	-	< 0.2
Demeton-O	0.2	mg/kg	-	-	-	< 0.2
Diazinon	0.2	mg/kg	-	-	-	< 0.2
Dichlorvos	0.2	mg/kg	-	-	-	< 0.2
Dimethoate	0.2	mg/kg	-	-	-	< 0.2
Disulfoton	0.2	mg/kg	-	-	-	< 0.2
EPN	0.2	mg/kg	-	-	-	< 0.2
Ethion	0.2	mg/kg	-	-	-	< 0.2
Ethoprop	0.2	mg/kg	-	-	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	-	-	< 0.2
Fenitrothion	0.2	mg/kg	-	-	-	< 0.2
Fensulfothion	0.2	mg/kg	-	-	-	< 0.2
Fenthion	0.2	mg/kg	-	-	-	< 0.2
Malathion	0.2	mg/kg	-	-	-	< 0.2
Merphos	0.2	mg/kg	-	-	-	< 0.2
Methyl parathion	0.2	mg/kg	-	-	-	< 0.2
Mevinphos	0.2	mg/kg	-	-	-	< 0.2
Monocrotophos	2	mg/kg	-	-	-	< 2
Naled	0.2	mg/kg	-	-	-	< 0.2
Omethoate	2	mg/kg	-	-	-	< 2
Phorate	0.2	mg/kg	-	-	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	-	-	< 0.2
Pyrazophos	0.2	mg/kg	-	-	-	< 0.2
Ronnel	0.2	mg/kg	-	-	-	< 0.2
Terbufos	0.2	mg/kg	-	-	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	-	-	< 0.2
Tokuthion	0.2	mg/kg	-	-	-	< 0.2
Trichloronate	0.2	mg/kg	-	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	-	-	67
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1221	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1232	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1242	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1248	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1254	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	-	-	< 0.1
Total PCB*	0.1	mg/kg	-	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	-	-	84
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	66

Client Sample ID			Trip Spike	TP103_0.3	TP108_0.5	TP112_0.3
Sample Matrix			Trip Spike (solid)	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010771	S25-Jn0010779	S25-Jn0010787	S25-Jn0010791
Date Sampled			May 29, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	-	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	-	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	-	-	< 1
2.4.6-Trichlorophenol	1	mg/kg	-	-	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	-	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	-	-	< 1
Pentachlorophenol	1	mg/kg	-	-	-	< 1
Tetrachlorophenols - Total	10	mg/kg	-	-	-	< 10
Total Halogenated Phenol*	1	mg/kg	-	-	-	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	-	-	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	-	-	< 5
2-Nitrophenol	1	mg/kg	-	-	-	< 1
2.4-Dimethylphenol	0.5	mg/kg	-	-	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	-	-	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	-	< 0.4
Total cresols*	0.5	mg/kg	-	-	-	< 0.5
4-Nitrophenol	5	mg/kg	-	-	-	< 5
Dinoseb	20	mg/kg	-	-	-	< 20
Phenol	0.5	mg/kg	-	-	-	< 0.5
Phenol-d6 (surr.)	1	%	-	-	-	60
Total Non-Halogenated Phenol*	20	mg/kg	-	-	-	< 20
Heavy Metals						
Arsenic	2	mg/kg	-	2.6	-	< 2
Cadmium	0.4	mg/kg	-	< 0.4	-	< 0.4
Chromium	5	mg/kg	-	< 5	-	7.9
Copper	5	mg/kg	-	140	-	94
Lead	5	mg/kg	-	9.6	-	17
Mercury	0.1	mg/kg	-	< 0.1	-	< 0.1
Nickel	5	mg/kg	-	< 5	-	5.2
Zinc	5	mg/kg	-	28	-	19
Sample Properties						
% Moisture	1	%	-	28	-	17
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	-	-	< 10
13C2-6:2 FTSA (surr.)	1	%	-	-	-	94
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	-	-	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	-	-	< 5
18O2-PFHxS (surr.)	1	%	-	-	-	165
13C8-PFOS (surr.)	1	%	-	-	-	141
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	-	-	< 5
13C8-PFOA (surr.)	1	%	-	-	-	130
Sum (PFHxS + PFOS)*	5	ug/kg	-	-	-	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	-	-	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	-	-	< 5

Client Sample ID			Trip Spike	TP103_0.3	TP108_0.5	TP112_0.3
Sample Matrix			Trip Spike (solid)	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010771	S25-Jn0010779	S25-Jn0010787	S25-Jn0010791
Date Sampled			May 29, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	7.2	5.4
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	5.6	4.2
Reaction Ratings*[S05]	0	comment	-	-	2.0	2.0
TRH C6-C10	1	%	93	-	-	-
Total Recoverable Hydrocarbons						
Naphthalene	1	%	89	-	-	-
TRH C6-C9	1	%	87	-	-	-
BTEX						
Benzene	1	%	91	-	-	-
Ethylbenzene	1	%	89	-	-	-
m&p-Xylenes	1	%	78	-	-	-
o-Xylene	1	%	82	-	-	-
Toluene	1	%	84	-	-	-
Xylenes - Total	1	%	80	-	-	-
4-Bromofluorobenzene (surr.)	1	%	100	-	-	-

Client Sample ID			TP112_0.5	TP113_0.3	TP115_0.5	TP118_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010792	S25-Jn0010794	S25-Jn0010798	S25-Jn0010806
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	-	< 20	< 20	-
TRH C10-C14	20	mg/kg	-	< 20	< 20	-
TRH C15-C28	50	mg/kg	-	< 50	< 50	-
TRH C29-C36	50	mg/kg	-	< 50	< 50	-
TRH C10-C36 (Total)	50	mg/kg	-	< 50	< 50	-
TRH C6-C10	20	mg/kg	-	< 20	< 20	-
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	-	< 20	< 20	-
TRH >C10-C16	50	mg/kg	-	< 50	< 50	-
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	-	< 50	< 50	-
TRH >C16-C34	100	mg/kg	-	< 100	< 100	-
TRH >C34-C40	100	mg/kg	-	< 100	< 100	-
TRH >C10-C40 (total)*	100	mg/kg	-	< 100	< 100	-
BTEX						
Benzene	0.1	mg/kg	-	< 0.1	< 0.1	-
Toluene	0.1	mg/kg	-	< 0.1	< 0.1	-
Ethylbenzene	0.1	mg/kg	-	< 0.1	< 0.1	-
m&p-Xylenes	0.2	mg/kg	-	< 0.2	< 0.2	-
o-Xylene	0.1	mg/kg	-	< 0.1	< 0.1	-
Xylenes - Total*	0.3	mg/kg	-	< 0.3	< 0.3	-
4-Bromofluorobenzene (surr.)	1	%	-	85	87	-
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	-	< 0.5	< 0.5	-

Client Sample ID			TP112_0.5	TP113_0.3	TP115_0.5	TP118_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010792	S25-Jn0010794	S25-Jn0010798	S25-Jn0010806
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	< 0.5	< 0.5	-
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	0.6	0.6	-
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	1.2	1.2	-
Acenaphthene	0.5	mg/kg	-	< 0.5	< 0.5	-
Acenaphthylene	0.5	mg/kg	-	< 0.5	< 0.5	-
Anthracene	0.5	mg/kg	-	< 0.5	< 0.5	-
Benz(a)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	-
Benzo(a)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	-
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	< 0.5	< 0.5	-
Benzo(g.h.i)perylene	0.5	mg/kg	-	< 0.5	< 0.5	-
Benzo(k)fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	-
Chrysene	0.5	mg/kg	-	< 0.5	< 0.5	-
Dibenz(a.h)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	-
Fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	-
Fluorene	0.5	mg/kg	-	< 0.5	< 0.5	-
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	-
Naphthalene	0.5	mg/kg	-	< 0.5	< 0.5	-
Phenanthrene	0.5	mg/kg	-	< 0.5	< 0.5	-
Pyrene	0.5	mg/kg	-	< 0.5	< 0.5	-
Total PAH*	0.5	mg/kg	-	< 0.5	< 0.5	-
2-Fluorobiphenyl (surr.)	1	%	-	105	97	-
p-Terphenyl-d14 (surr.)	1	%	-	94	90	-
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	< 0.1	-
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	-
a-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	-
b-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
d-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	-
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	-
Toxaphene	0.5	mg/kg	-	< 0.5	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	112	94	-
Tetrachloro-m-xylene (surr.)	1	%	-	96	90	-

Client Sample ID			TP112_0.5	TP113_0.3	TP115_0.5	TP118_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010792	S25-Jn0010794	S25-Jn0010798	S25-Jn0010806
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Coumaphos	2	mg/kg	-	< 2	< 2	-
Demeton-S	0.2	mg/kg	-	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	-
Dimethoate	0.2	mg/kg	-	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	-
EPN	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Malathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Monocrotophos	2	mg/kg	-	< 2	< 2	-
Naled	0.2	mg/kg	-	< 0.2	< 0.2	-
Omethoate	2	mg/kg	-	< 2	< 2	-
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Pyrazophos	0.2	mg/kg	-	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	-
Terbufos	0.2	mg/kg	-	< 0.2	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	104	94	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	< 0.1	< 0.1	-
Total PCB*	0.1	mg/kg	-	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	112	94	-
Tetrachloro-m-xylene (surr.)	1	%	-	96	90	-

Client Sample ID			TP112_0.5	TP113_0.3	TP115_0.5	TP118_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010792	S25-Jn0010794	S25-Jn0010798	S25-Jn0010806
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	-	< 1	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	-	< 1	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	-	< 1	< 1	-
Pentachlorophenol	1	mg/kg	-	< 1	< 1	-
Tetrachlorophenols - Total	10	mg/kg	-	< 10	< 10	-
Total Halogenated Phenol*	1	mg/kg	-	< 1	< 1	-
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	< 20	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	< 5	< 5	-
2-Nitrophenol	1	mg/kg	-	< 1	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	-	< 0.5	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	-	< 5	< 5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	< 0.4	-
Total cresols*	0.5	mg/kg	-	< 0.5	< 0.5	-
4-Nitrophenol	5	mg/kg	-	< 5	< 5	-
Dinoseb	20	mg/kg	-	< 20	< 20	-
Phenol	0.5	mg/kg	-	< 0.5	< 0.5	-
Phenol-d6 (surr.)	1	%	-	85	82	-
Total Non-Halogenated Phenol*	20	mg/kg	-	< 20	< 20	-
Heavy Metals						
Arsenic	2	mg/kg	-	2.3	2.8	-
Cadmium	0.4	mg/kg	-	< 0.4	< 0.4	-
Chromium	5	mg/kg	-	7.0	< 5	-
Copper	5	mg/kg	-	62	180	-
Lead	5	mg/kg	-	21	18	-
Mercury	0.1	mg/kg	-	< 0.1	< 0.1	-
Nickel	5	mg/kg	-	5.3	< 5	-
Zinc	5	mg/kg	-	38	61	-
Sample Properties						
% Moisture	1	%	-	19	20	-
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	-	< 10	-
13C2-6:2 FTSA (surr.)	1	%	-	-	117	-
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	-	< 5	-
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	-	< 5	-
18O2-PFHxS (surr.)	1	%	-	-	157	-
13C8-PFOS (surr.)	1	%	-	-	140	-
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	-	< 5	-
13C8-PFOA (surr.)	1	%	-	-	140	-
Sum (PFHxS + PFOS)*	5	ug/kg	-	-	< 5	-
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	-	< 5	-
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	-	< 5	-

Client Sample ID			TP112_0.5	TP113_0.3	TP115_0.5	TP118_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010792	S25-Jn0010794	S25-Jn0010798	S25-Jn0010806
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	6.8	-	-	5.7
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	7.0	-	-	4.2
Reaction Ratings*[S05]	0	comment	4.0	-	-	2.0

Client Sample ID			TP118_0.5	TP118_1.5	TP118_2	TP122_2.7
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010807	S25-Jn0010808	S25-Jn0010809	S25-Jn0010820
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	-	-	-	< 20
TRH C10-C14	20	mg/kg	-	-	-	< 20
TRH C15-C28	50	mg/kg	-	-	-	< 50
TRH C29-C36	50	mg/kg	-	-	-	< 50
TRH C10-C36 (Total)	50	mg/kg	-	-	-	< 50
TRH C6-C10	20	mg/kg	-	-	-	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	-	-	-	< 20
TRH >C10-C16	50	mg/kg	-	-	-	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	-	-	-	< 50
TRH >C16-C34	100	mg/kg	-	-	-	< 100
TRH >C34-C40	100	mg/kg	-	-	-	< 100
TRH >C10-C40 (total)*	100	mg/kg	-	-	-	< 100
BTEX						
Benzene	0.1	mg/kg	-	-	-	< 0.1
Toluene	0.1	mg/kg	-	-	-	< 0.1
Ethylbenzene	0.1	mg/kg	-	-	-	< 0.1
m&p-Xylenes	0.2	mg/kg	-	-	-	< 0.2
o-Xylene	0.1	mg/kg	-	-	-	< 0.1
Xylenes - Total*	0.3	mg/kg	-	-	-	< 0.3
4-Bromofluorobenzene (surr.)	1	%	-	-	-	113
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	-	-	-	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	-	-	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	-	-	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	-	-	1.2
Acenaphthene	0.5	mg/kg	-	-	-	< 0.5
Acenaphthylene	0.5	mg/kg	-	-	-	< 0.5
Anthracene	0.5	mg/kg	-	-	-	< 0.5
Benz(a)anthracene	0.5	mg/kg	-	-	-	< 0.5
Benzo(a)pyrene	0.5	mg/kg	-	-	-	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	-	-	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	-	-	-	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	-	-	-	< 0.5
Chrysene	0.5	mg/kg	-	-	-	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	-	-	-	< 0.5
Fluoranthene	0.5	mg/kg	-	-	-	< 0.5
Fluorene	0.5	mg/kg	-	-	-	< 0.5

Client Sample ID			TP118_0.5	TP118_1.5	TP118_2	TP122_2.7
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010807	S25-Jn0010808	S25-Jn0010809	S25-Jn0010820
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	-	-	< 0.5
Naphthalene	0.5	mg/kg	-	-	-	< 0.5
Phenanthrene	0.5	mg/kg	-	-	-	< 0.5
Pyrene	0.5	mg/kg	-	-	-	< 0.5
Total PAH*	0.5	mg/kg	-	-	-	< 0.5
2-Fluorobiphenyl (surr.)	1	%	-	-	-	110
p-Terphenyl-d14 (surr.)	1	%	-	-	-	98
Heavy Metals						
Arsenic	2	mg/kg	-	-	-	4.6
Cadmium	0.4	mg/kg	-	-	-	< 0.4
Chromium	5	mg/kg	-	-	-	< 5
Copper	5	mg/kg	-	-	-	160
Lead	5	mg/kg	-	-	-	7.3
Mercury	0.1	mg/kg	-	-	-	< 0.1
Nickel	5	mg/kg	-	-	-	< 5
Zinc	5	mg/kg	-	-	-	58
Sample Properties						
% Moisture	1	%	-	-	-	17
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	5.5	6.0	5.8	-
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	4.1	4.0	4.1	-
Reaction Ratings*[S05]	0	comment	2.0	4.0	4.0	-

Client Sample ID			TP123_1	TP123_1.5	TP123_2.5	TP123_3.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010821	S25-Jn0010822	S25-Jn0010823	S25-Jn0010824
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	6.0	6.0	5.7	5.6
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	3.8	4.0	4.0	4.1
Reaction Ratings*[S05]	0	comment	3.0	4.0	2.0	2.0

Client Sample ID			TP124_0.3	HA102_0.9	QA102	QA201
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010825	S25-Jn0010836	S25-Jn0010841	S25-Jn0010845
Date Sampled			May 28, 2025	May 29, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	52	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	52	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20

Client Sample ID			TP124_0.3	HA102_0.9	QA102	QA201
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010825	S25-Jn0010836	S25-Jn0010841	S25-Jn0010845
Date Sampled			May 28, 2025	May 29, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	107	62	93	77
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	110	108	82	96
p-Terphenyl-d14 (surr.)	1	%	98	96	75	110
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05

Client Sample ID			TP124_0.3	HA102_0.9	QA102	QA201
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010825	S25-Jn0010836	S25-Jn0010841	S25-Jn0010845
Date Sampled			May 28, 2025	May 29, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	97	INT	82
Tetrachloro-m-xylene (surr.)	1	%	-	100	76	105
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	-	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	-	< 2	< 2	< 2
Naled	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	-	< 2	< 2	< 2
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2

Client Sample ID			TP124_0.3	HA102_0.9	QA102	QA201
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010825	S25-Jn0010836	S25-Jn0010841	S25-Jn0010845
Date Sampled			May 28, 2025	May 29, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	-	103	57	97
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1221	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1232	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1242	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1248	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1254	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1260	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Total PCB*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	97	INT	82
Tetrachloro-m-xylene (surr.)	1	%	-	100	76	105
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	-	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	-	< 1	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	-	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	-	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	-	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	-	< 5	< 5	< 5
Dinoseb	20	mg/kg	-	< 20	< 20	< 20
Phenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	-	89	63	75
Total Non-Halogenated Phenol*	20	mg/kg	-	< 20	< 20	< 20
Heavy Metals						
Arsenic	2	mg/kg	2.0	2.5	7.1	6.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	< 5	19	16
Copper	5	mg/kg	120	180	42	110
Lead	5	mg/kg	13	27	24	35
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.3
Nickel	5	mg/kg	< 5	< 5	22	11
Zinc	5	mg/kg	30	54	78	160
Sample Properties						
% Moisture	1	%	30	27	11	37

Client Sample ID			TP124_0.3	HA102_0.9	QA102	QA201
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010825	S25-Jn0010836	S25-Jn0010841	S25-Jn0010845
Date Sampled			May 28, 2025	May 29, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	-	97	88	108
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	-	154	136	146
13C8-PFOS (surr.)	1	%	-	158	156	125
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	-	132	129	117
Sum (PFHxS + PFOS)*	5	ug/kg	-	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	-	7.4
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	-	4.5
Reaction Ratings*[S05]	0	comment	-	-	-	4.0

Client Sample ID			SP1
Sample Matrix			Soil
Eurofins Sample No.			S25-Jn0011756
Date Sampled			May 27, 2025
Test/Reference	LOR	Unit	
Total Recoverable Hydrocarbons			
TRH C6-C9	20	mg/kg	< 20
TRH C10-C14	20	mg/kg	< 20
TRH C15-C28	50	mg/kg	< 50
TRH C29-C36	50	mg/kg	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50
TRH C6-C10	20	mg/kg	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20
TRH >C10-C16	50	mg/kg	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50
TRH >C16-C34	100	mg/kg	< 100
TRH >C34-C40	100	mg/kg	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100
BTEX			
Benzene	0.1	mg/kg	< 0.1
Toluene	0.1	mg/kg	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2
o-Xylene	0.1	mg/kg	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3
4-Bromofluorobenzene (surr.)	1	%	72
Total Recoverable Hydrocarbons - 2013 NEPM Fractions			
Naphthalene[N02]	0.5	mg/kg	< 0.5

Client Sample ID			SP1
Sample Matrix			Soil
Eurofins Sample No.			S25-Jn0011756
Date Sampled			May 27, 2025
Test/Reference	LOR	Unit	
Polycyclic Aromatic Hydrocarbons			
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2
Acenaphthene	0.5	mg/kg	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5
Anthracene	0.5	mg/kg	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5
Chrysene	0.5	mg/kg	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5
Fluorene	0.5	mg/kg	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5
Naphthalene	0.5	mg/kg	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5
Pyrene	0.5	mg/kg	< 0.5
Total PAH*	0.5	mg/kg	< 0.5
2-Fluorobiphenyl (surr.)	1	%	130
p-Terphenyl-d14 (surr.)	1	%	143
Organochlorine Pesticides			
Chlordanes - Total	0.1	mg/kg	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05
a-HCH	0.05	mg/kg	< 0.05
Aldrin	0.05	mg/kg	< 0.05
b-HCH	0.05	mg/kg	< 0.05
d-HCH	0.05	mg/kg	< 0.05
Dieldrin	0.05	mg/kg	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05
Endrin	0.05	mg/kg	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05
Heptachlor	0.05	mg/kg	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05
Toxaphene	0.5	mg/kg	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1
Dibutylchlorendate (surr.)	1	%	131
Tetrachloro-m-xylene (surr.)	1	%	119

Client Sample ID			SP1
Sample Matrix			Soil
Eurofins Sample No.			S25-Jn0011756
Date Sampled			May 27, 2025
Test/Reference	LOR	Unit	
Organophosphorus Pesticides			
Azinphos-methyl	0.2	mg/kg	< 0.2
Bolstar	0.2	mg/kg	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2
Coumaphos	2	mg/kg	< 2
Demeton-S	0.2	mg/kg	< 0.2
Demeton-O	0.2	mg/kg	< 0.2
Diazinon	0.2	mg/kg	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2
Dimethoate	0.2	mg/kg	< 0.2
Disulfoton	0.2	mg/kg	< 0.2
EPN	0.2	mg/kg	< 0.2
Ethion	0.2	mg/kg	< 0.2
Ethoprop	0.2	mg/kg	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2
Fenthion	0.2	mg/kg	< 0.2
Malathion	0.2	mg/kg	< 0.2
Merphos	0.2	mg/kg	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2
Mevinphos	0.2	mg/kg	< 0.2
Monocrotophos	2	mg/kg	< 2
Naled	0.2	mg/kg	< 0.2
Omethoate	2	mg/kg	< 2
Phorate	0.2	mg/kg	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2
Ronnel	0.2	mg/kg	< 0.2
Terbufos	0.2	mg/kg	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2
Tokuthion	0.2	mg/kg	< 0.2
Trichloronate	0.2	mg/kg	< 0.2
Triphenylphosphate (surr.)	1	%	133
Polychlorinated Biphenyls			
Aroclor-1016	0.1	mg/kg	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1
Total PCB*	0.1	mg/kg	< 0.1
Dibutylchlorendate (surr.)	1	%	131
Tetrachloro-m-xylene (surr.)	1	%	119

Client Sample ID			SP1
Sample Matrix			Soil
Eurofins Sample No.			S25-Jn0011756
Date Sampled			May 27, 2025
Test/Reference	LOR	Unit	
Phenols (Halogenated)			
2-Chlorophenol	0.5	mg/kg	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1
Pentachlorophenol	1	mg/kg	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10
Total Halogenated Phenol*	1	mg/kg	< 1
Phenols (non-Halogenated)			
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5
2-Nitrophenol	1	mg/kg	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4
Total cresols*	0.5	mg/kg	< 0.5
4-Nitrophenol	5	mg/kg	< 5
Dinoseb	20	mg/kg	< 20
Phenol	0.5	mg/kg	< 0.5
Phenol-d6 (surr.)	1	%	110
Total Non-Halogenated Phenol*	20	mg/kg	< 20
Heavy Metals			
Arsenic	2	mg/kg	2.2
Cadmium	0.4	mg/kg	< 0.4
Chromium	5	mg/kg	7.2
Copper	5	mg/kg	140
Lead	5	mg/kg	18
Mercury	0.1	mg/kg	< 0.1
Nickel	5	mg/kg	< 5
Zinc	5	mg/kg	58
Sample Properties			
% Moisture	1	%	32
Per- and Polyfluoroalkyl Substances (PFASs) - Short			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10
13C2-6:2 FTSA (surr.)	1	%	72
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5
18O2-PFHxS (surr.)	1	%	162
13C8-PFOS (surr.)	1	%	154
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5
13C8-PFOA (surr.)	1	%	125
Sum (PFHxS + PFOS)*	5	ug/kg	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 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
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			
Polycyclic Aromatic Hydrocarbons	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Polychlorinated Biphenyls	Sydney	Jun 11, 2025	28 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Phenols (Halogenated)	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Phenols (non-Halogenated)	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Metals M8	Sydney	Jun 11, 2025	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Total Recoverable Hydrocarbons	Sydney	Jun 06, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
% Moisture	Sydney	Jun 11, 2025	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs) - Short	Sydney	Jun 07, 2025	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Acid Sulfate Soils Field pH Test	Sydney	Jun 11, 2025	7 Days
- Method: LTM-GEN-7060 Determination of field pH (pHF) and field pH peroxide (pHFOX) tests			

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Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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

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Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
External Laboratory										X													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																		
1	TP101_0.1	May 27, 2025		Soil	S25-Jn0010706	X								X						X			X
2	TP102_0.1	May 27, 2025		Soil	S25-Jn0010707									X						X			X
3	TP103_0.1	May 27, 2025		Soil	S25-Jn0010708	X								X						X			X
4	TP104_0.1	May 27, 2025		Soil	S25-Jn0010709									X	X					X			
5	TP105_0.1	May 27, 2025		Soil	S25-Jn0010710									X	X					X			
6	TP106_0.1	May 27, 2025		Soil	S25-Jn0010711									X	X					X			
7	TP107_0.1	May 27, 2025		Soil	S25-Jn0010712	X								X						X			X
8	TP108_0.1	May 27, 2025		Soil	S25-Jn0010713	X					X			X		X				X			
9	TP108_0.3	May 27, 2025		Soil	S25-Jn0010714						X			X									X
10	TP108_1	May 27, 2025		Soil	S25-Jn0010715						X			X		X							
11	TP109_0.1	May 27, 2025		Soil	S25-Jn0010716								X	X			X			X			
12	TP110_0.1	May 27, 2025		Soil	S25-Jn0010717	X								X						X			X
13	TP110_0.5	May 27, 2025		Soil	S25-Jn0010718				X														

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Dandenong South	Grovedale	Girraween	Mitchell	Murarrie	Mayfield West
VIC 3175	VIC 3216	NSW 2145	ACT 2911	QLD 4172	NSW 2304
+61 3 8564 5000	+61 3 8564 5000	+61 2 9900 8400	+61 2 6113 8091	+61 7 3902 4600	+61 2 4968 8448
NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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+61 8 6253 4444
NATA# 2377
Site# 2370 & 2554

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954

Auckland	Auckland (Focus)	Christchurch	Tauranga
35 O'Rorke Road	Unit C1/4 Pacific Rise	43 Detroit Drive	1277 Cameron Road
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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
14	TP111_0.1	May 27, 2025		Soil	S25-Jn0010719	X								X						X			X
15	TP111_0.3	May 27, 2025		Soil	S25-Jn0010720	X								X		X							
16	TP111_1.1	May 27, 2025		Soil	S25-Jn0010721				X														
17	TP112_0.1	May 27, 2025		Soil	S25-Jn0010722						X			X						X			X
18	TP113_0.1	May 27, 2025		Soil	S25-Jn0010723								X	X				X		X			
19	TP114_0.1	May 27, 2025		Soil	S25-Jn0010724									X	X					X			
20	TP115_0.1	May 27, 2025		Soil	S25-Jn0010725	X								X						X			X
21	TP115_0.3	May 27, 2025		Soil	S25-Jn0010726									X		X							
22	TP115_2	May 27, 2025		Soil	S25-Jn0010727				X														
23	TP116_0.1	May 28, 2025		Soil	S25-Jn0010728	X								X						X			X
24	TP116_0.5	May 28, 2025		Soil	S25-Jn0010729	X								X		X							
25	TP117_0.1	May 28, 2025		Soil	S25-Jn0010730	X								X		X				X			
26	TP117_0.5	May 28, 2025		Soil	S25-Jn0010731	X								X						X			X
27	TP118_0.1	May 28, 2025		Soil	S25-Jn0010732	X					X		X	X				X		X			
28	TP118_1	May 28, 2025		Soil	S25-Jn0010733	X					X			X						X			X
29	TP119_0.1	May 28, 2025		Soil	S25-Jn0010734	X								X						X			X

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
30	TP120_0.1	May 28, 2025		Soil	S25-Jn0010735	X								X						X			X
31	TP121_0.1	May 28, 2025		Soil	S25-Jn0010736	X								X						X			X
32	TP121_0.3	May 28, 2025		Soil	S25-Jn0010737	X								X				X					
33	TP121_0.7	May 28, 2025		Soil	S25-Jn0010738			X															
34	TP122_0.1	May 28, 2025		Soil	S25-Jn0010739	X																	
35	TP122_0.3	May 28, 2025		Soil	S25-Jn0010740									X						X		X	
36	TP123_0.1	May 28, 2025		Soil	S25-Jn0010741	X					X			X						X			X
37	TP123_0.5	May 28, 2025		Soil	S25-Jn0010742	X					X			X		X				X			
38	TP124_0.1	May 28, 2025		Soil	S25-Jn0010743	X								X						X			X
39	TP125_0.1	May 28, 2025		Soil	S25-Jn0010744	X								X						X			X
40	TP125_0.3	May 28, 2025		Soil	S25-Jn0010745	X						X		X									
41	TP126_0.1	May 28, 2025		Soil	S25-Jn0010746	X								X						X			X
42	TP127_0.1	May 28, 2025		Soil	S25-Jn0010747	X								X						X			X
43	HA101_0.1	May 28, 2025		Soil	S25-Jn0010748	X								X						X			X
44	HA102_0.1	May 28, 2025		Soil	S25-Jn0010749	X								X						X			X
45	HA102-ACM-	May 29, 2025		Building	S25-Jn0010750		X																

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	0-0.2			Materials																			
46	HA103_0.1	May 29, 2025		Soil	S25-Jn0010751	X								X						X			X
47	SED-1	May 29, 2025		Soil	S25-Jn0010755									X									X
48	SED-2	May 29, 2025		Soil	S25-Jn0010756									X									X
49	SED-3	May 29, 2025		Soil	S25-Jn0010757									X									X
50	QA300	May 29, 2025		Soil	S25-Jn0010760									X						X			X
51	QC300	May 29, 2025		Soil	S25-Jn0010761					X													
52	QA100	May 27, 2025		Soil	S25-Jn0010762									X						X			X
53	QC100	May 27, 2025		Soil	S25-Jn0010763					X													
54	QA200	May 28, 2025		Soil	S25-Jn0010764									X						X			X
55	QC200	May 28, 2025		Soil	S25-Jn0010765					X													
56	QA301	May 29, 2025		Soil	S25-Jn0010766									X									X
57	QC301	May 29, 2025		Soil	S25-Jn0010767					X													
58	Rin-H	May 29, 2025		Water	S25-Jn0010768															X			X
59	Rin-SC	May 29, 2025		Water	S25-Jn0010769															X			X
60	Trip Blank	May 29, 2025		Trip Blank	S25-Jn0010770														X				

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
60	Trip Blank	May 29, 2025		Trip Blank (solid)	S25-Jn0010770																		
61	Trip Spike	May 29, 2025		Trip Spike (solid)	S25-Jn0010771																X		
62	TP101_0.3	May 27, 2025		Soil	S25-Jn0010773				X														
63	TP101_0.5	May 27, 2025		Soil	S25-Jn0010774				X														
64	TP101_1	May 27, 2025		Soil	S25-Jn0010775				X														
65	TP101_1.4	May 27, 2025		Soil	S25-Jn0010776				X														
66	TP102_0.3	May 27, 2025		Soil	S25-Jn0010777				X														
67	TP102_0.5	May 27, 2025		Soil	S25-Jn0010778				X														
68	TP103_0.3	May 27, 2025		Soil	S25-Jn0010779									X		X							
69	TP103_0.5	May 27, 2025		Soil	S25-Jn0010780				X														
70	TP104_0.3	May 27, 2025		Soil	S25-Jn0010781				X														
71	TP104_0.5	May 27, 2025		Soil	S25-Jn0010782				X														
72	TP105_0.3	May 27, 2025		Soil	S25-Jn0010783				X														
73	TP105_0.5	May 27, 2025		Soil	S25-Jn0010784				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
74	TP106_0.2	May 27, 2025		Soil	S25-Jn0010785				X														
75	TP107_0.3	May 27, 2025		Soil	S25-Jn0010786				X														
76	TP108_0.5	May 27, 2025		Soil	S25-Jn0010787						X												
77	TP109_0.3	May 27, 2025		Soil	S25-Jn0010788				X														
78	TP110_0.3	May 27, 2025		Soil	S25-Jn0010789				X														
79	TP111_0.7	May 27, 2025		Soil	S25-Jn0010790				X														
80	TP112_0.3	May 27, 2025		Soil	S25-Jn0010791						X			X						X			X
81	TP112_0.5	May 27, 2025		Soil	S25-Jn0010792						X												
82	TP112_1	May 27, 2025		Soil	S25-Jn0010793				X														
83	TP113_0.3	May 27, 2025		Soil	S25-Jn0010794	X								X									X
84	TP113_0.5	May 27, 2025		Soil	S25-Jn0010795				X														
85	TP114_0.3	May 27, 2025		Soil	S25-Jn0010796				X														
86	TP114_0.7	May 27, 2025		Soil	S25-Jn0010797				X														
87	TP115_0.5	May 27, 2025		Soil	S25-Jn0010798	X								X						X			X
88	TP115_1	May 27, 2025		Soil	S25-Jn0010799				X														
89	TP115_1.5	May 27, 2025		Soil	S25-Jn0010800				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
90	TP116_0.3	May 28, 2025		Soil	S25-Jn0010801				X														
91	TP116_1	May 28, 2025		Soil	S25-Jn0010802				X														
92	TP117_0.3	May 28, 2025		Soil	S25-Jn0010803				X														
93	TP117_1	May 28, 2025		Soil	S25-Jn0010804				X														
94	TP117_1.3	May 28, 2025		Soil	S25-Jn0010805				X														
95	TP118_0.3	May 28, 2025		Soil	S25-Jn0010806						X												
96	TP118_0.5	May 28, 2025		Soil	S25-Jn0010807						X												
97	TP118_1.5	May 28, 2025		Soil	S25-Jn0010808						X												
98	TP118_2	May 28, 2025		Soil	S25-Jn0010809						X												
99	TP118_2.5	May 28, 2025		Soil	S25-Jn0010810				X														
100	TP119_0.3	May 28, 2025		Soil	S25-Jn0010811				X														
101	TP119_0.5	May 28, 2025		Soil	S25-Jn0010812				X														
102	TP119_1	May 28, 2025		Soil	S25-Jn0010813				X														
103	TP120_0.3	May 28, 2025		Soil	S25-Jn0010814				X														
104	TP120_0.7	May 28, 2025		Soil	S25-Jn0010815				X														
105	TP122_0.5	May 28, 2025		Soil	S25-Jn0010816				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
106	TP122_1	May 28, 2025		Soil	S25-Jn0010817				X														
107	TP122_1.7	May 28, 2025		Soil	S25-Jn0010818				X														
108	TP122_2.2	May 28, 2025		Soil	S25-Jn0010819				X														
109	TP122_2.7	May 28, 2025		Soil	S25-Jn0010820									X		X							
110	TP123_1	May 28, 2025		Soil	S25-Jn0010821						X												
111	TP123_1.5	May 28, 2025		Soil	S25-Jn0010822						X												
112	TP123_2.5	May 28, 2025		Soil	S25-Jn0010823						X												
113	TP123_3.5	May 28, 2025		Soil	S25-Jn0010824						X												
114	TP124_0.3	May 28, 2025		Soil	S25-Jn0010825	X								X		X							
115	TP124_0.8	May 28, 2025		Soil	S25-Jn0010826				X														
116	TP126_0.3	May 28, 2025		Soil	S25-Jn0010827				X														
117	TP126_0.5	May 28, 2025		Soil	S25-Jn0010828				X														
118	TP127_0.3	May 28, 2025		Soil	S25-Jn0010829				X														
119	TP127_0.5	May 28, 2025		Soil	S25-Jn0010830				X														
120	HA101_0.3	May 28, 2025		Soil	S25-Jn0010831				X														
121	HA101_0.5	May 28, 2025		Soil	S25-Jn0010832				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
122	HA101_1	May 28, 2025		Soil	S25-Jn0010833				X														
123	HA102_0.3	May 29, 2025		Soil	S25-Jn0010834				X														
124	HA102_0.5	May 29, 2025		Soil	S25-Jn0010835				X														
125	HA102_0.9	May 29, 2025		Soil	S25-Jn0010836	X								X						X			X
126	HA103_0.5	May 29, 2025		Soil	S25-Jn0010837				X														
127	HA103_0.8	May 29, 2025		Soil	S25-Jn0010838				X														
128	QA101	May 27, 2025		Soil	S25-Jn0010839				X														
129	QC101	May 27, 2025		Soil	S25-Jn0010840				X														
130	QA102	May 27, 2025		Soil	S25-Jn0010841									X						X			X
131	QC102	May 27, 2025		Soil	S25-Jn0010842					X													
132	QA103	May 27, 2025		Soil	S25-Jn0010843				X														
133	QC103	May 27, 2025		Soil	S25-Jn0010844				X														
134	QA201	May 28, 2025		Soil	S25-Jn0010845						X			X						X			X
135	QC201	May 28, 2025		Soil	S25-Jn0010846					X													
136	Rin-G	May 29, 2025		Soil	S25-Jn0010847				X														
137	Rin-PFAS	May 29, 2025		Water	S25-Jn0010848				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
138	TP118_1.5_B	May 27, 2025		Soil	S25-Jn0011699				X														
139	TP108_0.5_B	May 27, 2025		Soil	S25-Jn0011700				X														
140	SP1	May 27, 2025		Soil	S25-Jn0011756	X								X						X			X
Test Counts						34	1	1	60	6	20	1	3	57	4	10	1	3	1	44	1	1	39

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 (*bis*-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							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/kg	< 0.1			0.1	Pass	
Aroclor-1221	mg/kg	< 0.1			0.1	Pass	
Aroclor-1232	mg/kg	< 0.1			0.1	Pass	
Aroclor-1242	mg/kg	< 0.1			0.1	Pass	
Aroclor-1248	mg/kg	< 0.1			0.1	Pass	
Aroclor-1254	mg/kg	< 0.1			0.1	Pass	
Aroclor-1260	mg/kg	< 0.1			0.1	Pass	
Total PCB*	mg/kg	< 0.1			0.1	Pass	
Method Blank							
Phenols (Halogenated)							
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Tetrachlorophenols - Total	mg/kg	< 10			10	Pass	
Method Blank							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	mg/kg	< 20			20	Pass	
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4-Nitrophenol	mg/kg	< 5			5	Pass	
Dinoseb	mg/kg	< 20			20	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/kg	< 0.1			0.1	Pass	
Aroclor-1221	mg/kg	< 0.1			0.1	Pass	
Aroclor-1232	mg/kg	< 0.1			0.1	Pass	
Aroclor-1242	mg/kg	< 0.1			0.1	Pass	
Aroclor-1248	mg/kg	< 0.1			0.1	Pass	
Aroclor-1254	mg/kg	< 0.1			0.1	Pass	
Aroclor-1260	mg/kg	< 0.1			0.1	Pass	
Total PCB*	mg/kg	< 0.1			0.1	Pass	
Method Blank							
Phenols (Halogenated)							
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Tetrachlorophenols - Total	mg/kg	< 10			10	Pass	
Method Blank							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	mg/kg	< 20			20	Pass	
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
Dinoseb	mg/kg	< 20			20	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Method Blank							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/kg	< 0.1			0.1	Pass	
Aroclor-1221	mg/kg	< 0.1			0.1	Pass	
Aroclor-1232	mg/kg	< 0.1			0.1	Pass	
Aroclor-1242	mg/kg	< 0.1			0.1	Pass	
Aroclor-1248	mg/kg	< 0.1			0.1	Pass	
Aroclor-1254	mg/kg	< 0.1			0.1	Pass	
Aroclor-1260	mg/kg	< 0.1			0.1	Pass	
Total PCB*	mg/kg	< 0.1			0.1	Pass	
Method Blank							
Phenols (Halogenated)							
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Tetrachlorophenols - Total	mg/kg	< 10			10	Pass	
Method Blank							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	mg/kg	< 20			20	Pass	
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
Dinoseb	mg/kg	< 20			20	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	89			70-130	Pass	
Acenaphthylene	%	87			70-130	Pass	
Anthracene	%	103			70-130	Pass	
Benz(a)anthracene	%	82			70-130	Pass	
Benzo(a)pyrene	%	95			70-130	Pass	
Benzo(b&j)fluoranthene	%	79			70-130	Pass	
Benzo(g.h.i)perylene	%	91			70-130	Pass	
Benzo(k)fluoranthene	%	100			70-130	Pass	
Chrysene	%	106			70-130	Pass	
Dibenz(a.h)anthracene	%	97			70-130	Pass	
Fluoranthene	%	97			70-130	Pass	
Fluorene	%	95			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	96			70-130	Pass	
Naphthalene	%	94			70-130	Pass	
Phenanthrene	%	86			70-130	Pass	
Pyrene	%	97			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	91			70-130	Pass	
4.4'-DDD	%	87			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4.4'-DDE	%	92			70-130	Pass	
4.4'-DDT	%	89			70-130	Pass	
a-HCH	%	89			70-130	Pass	
Aldrin	%	92			70-130	Pass	
b-HCH	%	78			70-130	Pass	
d-HCH	%	86			70-130	Pass	
Dieldrin	%	88			70-130	Pass	
Endosulfan I	%	86			70-130	Pass	
Endosulfan II	%	83			70-130	Pass	
Endosulfan sulphate	%	97			70-130	Pass	
Endrin	%	99			70-130	Pass	
Endrin aldehyde	%	88			70-130	Pass	
Endrin ketone	%	94			70-130	Pass	
g-HCH (Lindane)	%	93			70-130	Pass	
Heptachlor	%	87			70-130	Pass	
Heptachlor epoxide	%	88			70-130	Pass	
Hexachlorobenzene	%	94			70-130	Pass	
Methoxychlor	%	83			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	113			70-130	Pass	
Dimethoate	%	82			70-130	Pass	
Ethion	%	89			70-130	Pass	
Fenitrothion	%	82			70-130	Pass	
Methyl parathion	%	84			70-130	Pass	
Mevinphos	%	97			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1016	%	83			70-130	Pass	
Aroclor-1260	%	90			70-130	Pass	
LCS - % Recovery							
Phenols (Halogenated)							
2-Chlorophenol	%	89			25-140	Pass	
2.4-Dichlorophenol	%	85			25-140	Pass	
2.4.5-Trichlorophenol	%	95			25-140	Pass	
2.4.6-Trichlorophenol	%	82			25-140	Pass	
2.6-Dichlorophenol	%	90			25-140	Pass	
4-Chloro-3-methylphenol	%	78			25-140	Pass	
Pentachlorophenol	%	81			25-140	Pass	
Tetrachlorophenols - Total	%	84			25-140	Pass	
LCS - % Recovery							
Phenols (non-Halogenated)							
2-Methyl-4.6-dinitrophenol	%	72			25-140	Pass	
2-Nitrophenol	%	77			25-140	Pass	
2.4-Dimethylphenol	%	85			25-140	Pass	
2.4-Dinitrophenol	%	78			25-140	Pass	
2-Methylphenol (o-Cresol)	%	82			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	85			25-140	Pass	
Phenol	%	84			25-140	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	99			70-130	Pass	
Acenaphthylene	%	93			70-130	Pass	
Anthracene	%	102			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Benz(a)anthracene	%	96			70-130	Pass	
Benzo(a)pyrene	%	98			70-130	Pass	
Benzo(b&j)fluoranthene	%	100			70-130	Pass	
Benzo(g.h.i)perylene	%	76			70-130	Pass	
Benzo(k)fluoranthene	%	103			70-130	Pass	
Chrysene	%	99			70-130	Pass	
Dibenz(a.h)anthracene	%	91			70-130	Pass	
Fluoranthene	%	104			70-130	Pass	
Fluorene	%	102			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	93			70-130	Pass	
Naphthalene	%	102			70-130	Pass	
Phenanthrene	%	108			70-130	Pass	
Pyrene	%	110			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	105			70-130	Pass	
4.4'-DDD	%	119			70-130	Pass	
4.4'-DDE	%	96			70-130	Pass	
a-HCH	%	97			70-130	Pass	
Aldrin	%	96			70-130	Pass	
b-HCH	%	105			70-130	Pass	
d-HCH	%	108			70-130	Pass	
Dieldrin	%	105			70-130	Pass	
Endosulfan I	%	103			70-130	Pass	
Endosulfan II	%	98			70-130	Pass	
Endosulfan sulphate	%	100			70-130	Pass	
Endrin	%	78			70-130	Pass	
Endrin ketone	%	99			70-130	Pass	
g-HCH (Lindane)	%	110			70-130	Pass	
Heptachlor epoxide	%	104			70-130	Pass	
Hexachlorobenzene	%	92			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Ethion	%	110			70-130	Pass	
Mevinphos	%	74			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1016	%	74			70-130	Pass	
Aroclor-1260	%	82			70-130	Pass	
LCS - % Recovery							
Phenols (Halogenated)							
2-Chlorophenol	%	98			25-140	Pass	
2.4-Dichlorophenol	%	98			25-140	Pass	
2.4.5-Trichlorophenol	%	80			25-140	Pass	
2.4.6-Trichlorophenol	%	90			25-140	Pass	
2.6-Dichlorophenol	%	107			25-140	Pass	
4-Chloro-3-methylphenol	%	91			25-140	Pass	
Pentachlorophenol	%	114			25-140	Pass	
Tetrachlorophenols - Total	%	115			25-140	Pass	
LCS - % Recovery							
Phenols (non-Halogenated)							
2.4-Dimethylphenol	%	90			25-140	Pass	
2-Methylphenol (o-Cresol)	%	91			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	96			25-140	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4-Nitrophenol	%	106			25-140	Pass	
Phenol	%	76			25-140	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	95			80-120	Pass	
Cadmium	%	92			80-120	Pass	
Chromium	%	99			80-120	Pass	
Copper	%	99			80-120	Pass	
Lead	%	95			80-120	Pass	
Mercury	%	90			80-120	Pass	
Nickel	%	98			80-120	Pass	
Zinc	%	99			80-120	Pass	
LCS - % Recovery							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
Perfluorohexanesulfonic acid (PFHxS)	%	133			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	75			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	72			50-150	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C10-C14	%	89			70-130	Pass	
TRH >C10-C16	%	87			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	81			70-130	Pass	
TRH C6-C10	%	81			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	89			70-130	Pass	
Toluene	%	88			70-130	Pass	
Ethylbenzene	%	90			70-130	Pass	
m&p-Xylenes	%	89			70-130	Pass	
o-Xylene	%	90			70-130	Pass	
Xylenes - Total*	%	89			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	%	87			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	100			70-130	Pass	
TRH C6-C10	%	99			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	108			70-130	Pass	
Toluene	%	105			70-130	Pass	
Ethylbenzene	%	105			70-130	Pass	
m&p-Xylenes	%	112			70-130	Pass	
o-Xylene	%	108			70-130	Pass	
Xylenes - Total*	%	111			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	%	97			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	97			80-120	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Cadmium	%	93			80-120	Pass	
Chromium	%	98			80-120	Pass	
Copper	%	100			80-120	Pass	
Lead	%	99			80-120	Pass	
Mercury	%	103			80-120	Pass	
Nickel	%	100			80-120	Pass	
Zinc	%	96			80-120	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C10-C14	%	82			70-130	Pass	
TRH >C10-C16	%	82			70-130	Pass	
LCS - % Recovery							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	124			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	75			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	88			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	94			50-150	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C10-C14	%	75			70-130	Pass	
TRH >C10-C16	%	76			70-130	Pass	
LCS - % Recovery							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	111			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	66			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	77			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	68			50-150	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	76			70-130	Pass	
TRH C6-C10	%	73			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	91			70-130	Pass	
Toluene	%	89			70-130	Pass	
Ethylbenzene	%	83			70-130	Pass	
m&p-Xylenes	%	86			70-130	Pass	
o-Xylene	%	73			70-130	Pass	
Xylenes - Total*	%	82			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	%	80			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	98			70-130	Pass	
Acenaphthylene	%	100			70-130	Pass	
Anthracene	%	91			70-130	Pass	
Benz(a)anthracene	%	96			70-130	Pass	
Benzo(a)pyrene	%	96			70-130	Pass	
Benzo(b&j)fluoranthene	%	97			70-130	Pass	
Benzo(g.h.i)perylene	%	96			70-130	Pass	
Benzo(k)fluoranthene	%	98			70-130	Pass	
Chrysene	%	101			70-130	Pass	
Dibenz(a.h)anthracene	%	98			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Fluoranthene	%	102			70-130	Pass	
Fluorene	%	96			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	99			70-130	Pass	
Naphthalene	%	101			70-130	Pass	
Phenanthrene	%	101			70-130	Pass	
Pyrene	%	101			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	96			70-130	Pass	
4.4'-DDD	%	87			70-130	Pass	
4.4'-DDE	%	94			70-130	Pass	
4.4'-DDT	%	101			70-130	Pass	
a-HCH	%	92			70-130	Pass	
Aldrin	%	85			70-130	Pass	
b-HCH	%	96			70-130	Pass	
d-HCH	%	96			70-130	Pass	
Dieldrin	%	87			70-130	Pass	
Endosulfan I	%	96			70-130	Pass	
Endosulfan II	%	89			70-130	Pass	
Endosulfan sulphate	%	85			70-130	Pass	
Endrin	%	92			70-130	Pass	
Endrin ketone	%	89			70-130	Pass	
g-HCH (Lindane)	%	96			70-130	Pass	
Heptachlor	%	92			70-130	Pass	
Heptachlor epoxide	%	88			70-130	Pass	
Hexachlorobenzene	%	89			70-130	Pass	
Methoxychlor	%	101			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	95			70-130	Pass	
Dimethoate	%	82			70-130	Pass	
Ethion	%	96			70-130	Pass	
Fenitrothion	%	96			70-130	Pass	
Methyl parathion	%	109			70-130	Pass	
Mevinphos	%	92			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1016	%	89			70-130	Pass	
Aroclor-1260	%	91			70-130	Pass	
LCS - % Recovery							
Phenols (Halogenated)							
2-Chlorophenol	%	93			25-140	Pass	
2.4-Dichlorophenol	%	91			25-140	Pass	
2.4.5-Trichlorophenol	%	85			25-140	Pass	
2.4.6-Trichlorophenol	%	95			25-140	Pass	
2.6-Dichlorophenol	%	92			25-140	Pass	
4-Chloro-3-methylphenol	%	94			25-140	Pass	
Pentachlorophenol	%	86			25-140	Pass	
Tetrachlorophenols - Total	%	91			25-140	Pass	
LCS - % Recovery							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	%	97			25-140	Pass	
2-Methyl-4.6-dinitrophenol	%	98			25-140	Pass	
2-Nitrophenol	%	97			25-140	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2.4-Dimethylphenol	%	92			25-140	Pass	
2.4-Dinitrophenol	%	94			25-140	Pass	
2-Methylphenol (o-Cresol)	%	93			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	92			25-140	Pass	
4-Nitrophenol	%	78			25-140	Pass	
Dinoseb	%	101			25-140	Pass	
Phenol	%	93			25-140	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	123			70-130	Pass	
TRH C6-C10	%	119			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	99			70-130	Pass	
Toluene	%	126			70-130	Pass	
Ethylbenzene	%	116			70-130	Pass	
m&p-Xylenes	%	126			70-130	Pass	
o-Xylene	%	121			70-130	Pass	
Xylenes - Total*	%	124			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	%	84			70-130	Pass	
LCS - % Recovery							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	120			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	79			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	90			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	75			50-150	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S25-Jn0008162	NCP	%	82			70-130	Pass	
Acenaphthylene	S25-Jn0018088	NCP	%	71			70-130	Pass	
Anthracene	S25-Jn0008162	NCP	%	87			70-130	Pass	
Benz(a)anthracene	S25-Jn0008162	NCP	%	81			70-130	Pass	
Benzo(a)pyrene	S25-Jn0008162	NCP	%	83			70-130	Pass	
Benzo(b&j)fluoranthene	S25-Jn0008162	NCP	%	76			70-130	Pass	
Benzo(g.h.i)perylene	S25-Jn0008162	NCP	%	72			70-130	Pass	
Benzo(k)fluoranthene	S25-Jn0008162	NCP	%	89			70-130	Pass	
Chrysene	S25-Jn0008162	NCP	%	85			70-130	Pass	
Dibenz(a.h)anthracene	S25-Jn0008162	NCP	%	76			70-130	Pass	
Fluoranthene	S25-Jn0018088	NCP	%	72			70-130	Pass	
Fluorene	S25-Jn0008162	NCP	%	91			70-130	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0008162	NCP	%	72			70-130	Pass	
Naphthalene	S25-Jn0008162	NCP	%	89			70-130	Pass	
Phenanthrene	S25-Jn0008162	NCP	%	90			70-130	Pass	
Pyrene	S25-Jn0018088	NCP	%	74			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S25-Jn0008755	NCP	%	79			70-130	Pass	
4.4'-DDD	S25-Jn0008755	NCP	%	76			70-130	Pass	
4.4'-DDE	S25-Jn0008755	NCP	%	81			70-130	Pass	
4.4'-DDT	S25-Jn0008755	NCP	%	89			70-130	Pass	
a-HCH	S25-Jn0008755	NCP	%	72			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Aldrin	S25-Jn0008755	NCP	%	81			70-130	Pass	
b-HCH	S25-Jn0008755	NCP	%	74			70-130	Pass	
d-HCH	S25-Jn0008755	NCP	%	77			70-130	Pass	
Dieldrin	S25-Jn0008755	NCP	%	97			70-130	Pass	
Endosulfan I	S25-Jn0008755	NCP	%	88			70-130	Pass	
Endosulfan II	S25-Jn0008755	NCP	%	86			70-130	Pass	
Endosulfan sulphate	S25-Jn0008755	NCP	%	80			70-130	Pass	
Endrin	S25-Jn0008755	NCP	%	93			70-130	Pass	
Endrin aldehyde	S25-Jn0008755	NCP	%	83			70-130	Pass	
Endrin ketone	S25-Jn0008755	NCP	%	73			70-130	Pass	
g-HCH (Lindane)	S25-Jn0008755	NCP	%	85			70-130	Pass	
Heptachlor	S25-Jn0008755	NCP	%	91			70-130	Pass	
Heptachlor epoxide	S25-Jn0008755	NCP	%	77			70-130	Pass	
Hexachlorobenzene	S25-Jn0008755	NCP	%	79			70-130	Pass	
Methoxychlor	S25-Jn0008755	NCP	%	81			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S25-Jn0008755	NCP	%	81			70-130	Pass	
Dimethoate	S25-Jn0008162	NCP	%	87			70-130	Pass	
Ethion	S25-Jn0008162	NCP	%	82			70-130	Pass	
Fenitrothion	S25-Jn0008162	NCP	%	92			70-130	Pass	
Methyl parathion	S25-Jn0008162	NCP	%	95			70-130	Pass	
Mevinphos	S25-Jn0008162	NCP	%	97			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	S25-Jn0008755	NCP	%	72			70-130	Pass	
Aroclor-1260	S25-Jn0008755	NCP	%	92			70-130	Pass	
Spike - % Recovery									
Phenols (Halogenated)				Result 1					
2-Chlorophenol	S25-Jn0008521	NCP	%	78			30-130	Pass	
2.4-Dichlorophenol	S25-Jn0008521	NCP	%	84			30-130	Pass	
2.4.5-Trichlorophenol	S25-Jn0005907	NCP	%	80			30-130	Pass	
2.4.6-Trichlorophenol	S25-Jn0005907	NCP	%	88			30-130	Pass	
2.6-Dichlorophenol	S25-Jn0008521	NCP	%	83			30-130	Pass	
4-Chloro-3-methylphenol	S25-Jn0008521	NCP	%	77			30-130	Pass	
Pentachlorophenol	S25-Jn0005907	NCP	%	91			30-130	Pass	
Tetrachlorophenols - Total	S25-Jn0005907	NCP	%	93			30-130	Pass	
Spike - % Recovery									
Phenols (non-Halogenated)				Result 1					
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0008521	NCP	%	86			30-130	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0005907	NCP	%	86			30-130	Pass	
2-Nitrophenol	S25-Jn0008521	NCP	%	77			30-130	Pass	
2.4-Dimethylphenol	S25-Jn0008521	NCP	%	73			30-130	Pass	
2.4-Dinitrophenol	S25-Jn0005907	NCP	%	88			70-130	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0008521	NCP	%	75			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0008521	NCP	%	75			30-130	Pass	
4-Nitrophenol	S25-Jn0008521	NCP	%	72			30-130	Pass	
Dinoseb	S25-Jn0008521	NCP	%	77			30-130	Pass	
Phenol	S25-Jn0008521	NCP	%	75			30-130	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010707	CP	%	73			50-150	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010707	CP	%	90			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010707	CP	%	86			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010707	CP	%	82			50-150	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S25-Jn0010730	CP	%	94			70-130	Pass	
TRH C6-C10	S25-Jn0010730	CP	%	92			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S25-Jn0010730	CP	%	106			70-130	Pass	
Toluene	S25-Jn0010730	CP	%	109			70-130	Pass	
Ethylbenzene	S25-Jn0010730	CP	%	104			70-130	Pass	
m&p-Xylenes	S25-Jn0010730	CP	%	101			70-130	Pass	
o-Xylene	S25-Jn0010730	CP	%	85			70-130	Pass	
Xylenes - Total*	S25-Jn0010730	CP	%	95			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1					
Naphthalene	S25-Jn0010730	CP	%	89			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S25-Jn0010730	CP	%	93			75-125	Pass	
Cadmium	S25-Jn0010730	CP	%	93			75-125	Pass	
Chromium	S25-Jn0010730	CP	%	98			75-125	Pass	
Copper	S25-Jn0010730	CP	%	104			75-125	Pass	
Lead	S25-Jn0010730	CP	%	100			75-125	Pass	
Mercury	S25-Jn0010730	CP	%	102			75-125	Pass	
Nickel	S25-Jn0010730	CP	%	96			75-125	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S25-Jn0010731	CP	%	94			75-125	Pass	
Cadmium	S25-Jn0010731	CP	%	94			75-125	Pass	
Chromium	S25-Jn0010731	CP	%	95			75-125	Pass	
Lead	S25-Jn0010731	CP	%	99			75-125	Pass	
Mercury	S25-Jn0010731	CP	%	100			75-125	Pass	
Nickel	S25-Jn0010731	CP	%	98			75-125	Pass	
Zinc	S25-Jn0010731	CP	%	117			75-125	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010740	CP	%	124			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010740	CP	%	97			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010740	CP	%	68			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010740	CP	%	73			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S25-Jn0010746	CP	%	93			75-125	Pass	
Chromium	S25-Jn0010746	CP	%	112			75-125	Pass	
Copper	S25-Jn0010746	CP	%	90			75-125	Pass	
Lead	S25-Jn0010746	CP	%	103			75-125	Pass	
Mercury	S25-Jn0010746	CP	%	103			75-125	Pass	
Nickel	S25-Jn0010746	CP	%	93			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Zinc	S25-Jn0010746	CP	%	101			75-125	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010748	CP	%	95			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010748	CP	%	71			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010748	CP	%	94			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010748	CP	%	97			50-150	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010749	CP	%	129			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010749	CP	%	73			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010749	CP	%	78			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010749	CP	%	70			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S25-Jn0010755	CP	%	83			75-125	Pass	
Cadmium	S25-Jn0010755	CP	%	85			75-125	Pass	
Chromium	S25-Jn0010755	CP	%	87			75-125	Pass	
Copper	S25-Jn0010755	CP	%	85			75-125	Pass	
Lead	S25-Jn0010755	CP	%	88			75-125	Pass	
Mercury	S25-Jn0010755	CP	%	86			75-125	Pass	
Nickel	S25-Jn0010755	CP	%	89			75-125	Pass	
Zinc	S25-Jn0010755	CP	%	85			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S25-Jn0010760	CP	%	81			70-130	Pass	
TRH >C10-C16	S25-Jn0010760	CP	%	80			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010710	CP	%	23	27	13	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010714	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S25-Jn0010714	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010714	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010714	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C6-C10	S25-Jn0010714	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010714	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010714	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010714	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010714	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	

Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010714	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Disulfoton	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010714	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010714	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010714	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010714	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010714	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010714	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010714	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010714	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010714	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010714	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010714	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010714	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010714	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010714	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Jn0010717	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010717	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010717	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010717	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010717	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010717	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010717	CP	mg/kg	< 2	< 2	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Demeton-S	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010717	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010717	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010717	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010717	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010717	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010717	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010717	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010717	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010717	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010717	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2.4-Dinitrophenol	S25-Jn0010717	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010717	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010717	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010717	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010717	CP	mg/kg	2.1	< 2	11	30%	Pass	
Cadmium	S25-Jn0010717	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010717	CP	mg/kg	8.0	6.9	15	30%	Pass	
Copper	S25-Jn0010717	CP	mg/kg	90	83	8.0	30%	Pass	
Lead	S25-Jn0010717	CP	mg/kg	18	22	17	30%	Pass	
Mercury	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0010717	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S25-Jn0010717	CP	mg/kg	14	15	12	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010720	CP	mg/kg	4.8	4.9	2.0	30%	Pass	
Cadmium	S25-Jn0010720	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010720	CP	mg/kg	12	11	3.0	30%	Pass	
Copper	S25-Jn0010720	CP	mg/kg	26	30	14	30%	Pass	
Lead	S25-Jn0010720	CP	mg/kg	14	13	8.0	30%	Pass	
Mercury	S25-Jn0010720	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0010720	CP	mg/kg	16	18	9.0	30%	Pass	
Zinc	S25-Jn0010720	CP	mg/kg	50	47	7.0	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010722	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010722	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010722	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010722	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010723	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C6-C10	S25-Jn0010723	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010723	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010723	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010723	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010723	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010723	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010723	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	S25-Jn0010723	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010724	CP	mg/kg	2.2	< 2	13	30%	Pass	
Cadmium	S25-Jn0010724	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010724	CP	mg/kg	6.4	7.5	16	30%	Pass	
Copper	S25-Jn0010724	CP	mg/kg	80	81	1.0	30%	Pass	
Lead	S25-Jn0010724	CP	mg/kg	25	23	11	30%	Pass	
Mercury	S25-Jn0010724	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0010724	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S25-Jn0010724	CP	mg/kg	28	27	1.0	30%	Pass	
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010724	CP	%	33	31	7.0	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010724	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010724	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010724	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010724	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Jn0010725	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010725	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010725	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010725	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010725	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010725	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
b-HCH	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010725	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010725	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010725	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010725	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010725	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010725	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010725	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010725	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010725	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010725	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010725	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010725	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010725	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010725	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010725	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Jn0010730	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010730	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010730	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010730	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010730	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010730	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Phenanthrene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010730	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010730	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010730	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Pyrazophos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010730	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010730	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010730	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010730	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010730	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010730	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010730	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010730	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010730	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010730	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010730	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010730	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010731	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C6-C10	S25-Jn0010731	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010731	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010731	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010731	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010731	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010731	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010731	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	S25-Jn0010731	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Acid Sulfate Soils Field pH Test				Result 1	Result 2	RPD			
pH-F (Field pH test)*	S25-Jn0010733	CP	pH Units	5.7	5.6	pass	20%	Pass	
pH-FOX (Field pH Peroxide test)*	S25-Jn0010733	CP	pH Units	3.4	3.4	pass	30%	Pass	
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010734	CP	%	35	38	8.0	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010736	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010736	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010736	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010736	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010747	CP	%	30	27	11	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010755	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C6-C10	S25-Jn0010755	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010755	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010755	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010755	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010755	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Tokuthion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010755	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010755	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010755	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010755	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010755	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010755	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010755	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010755	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010755	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010755	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010755	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010755	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010756	CP	mg/kg	4.5	3.3	31	30%	Fail	Q15
Cadmium	S25-Jn0010756	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010756	CP	mg/kg	11	12	2.0	30%	Pass	
Copper	S25-Jn0010756	CP	mg/kg	100	100	2.0	30%	Pass	
Lead	S25-Jn0010756	CP	mg/kg	15	16	2.0	30%	Pass	
Mercury	S25-Jn0010756	CP	mg/kg	0.1	< 0.1	40	30%	Fail	Q15
Nickel	S25-Jn0010756	CP	mg/kg	5.4	5.4	1.0	30%	Pass	
Zinc	S25-Jn0010756	CP	mg/kg	400	400	1.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010764	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C6-C10	S25-Jn0010764	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010764	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010764	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010764	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010764	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
BTEX				Result 1	Result 2	RPD			
o-Xylene	S25-Jn0010764	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010764	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	S25-Jn0010764	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010764	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010764	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010764	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010764	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Jn0010766	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010766	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010766	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010766	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010766	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010766	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Endrin	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010766	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010766	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010766	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	

Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010766	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010766	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010766	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010766	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010766	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010766	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010766	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010766	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010766	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010766	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010766	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010766	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010766	CP	mg/kg	4.3	4.4	1.0	30%	Pass	
Cadmium	S25-Jn0010766	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010766	CP	mg/kg	5.9	5.9	<1	30%	Pass	
Copper	S25-Jn0010766	CP	mg/kg	130	120	5.0	30%	Pass	
Lead	S25-Jn0010766	CP	mg/kg	16	15	5.0	30%	Pass	
Mercury	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0010766	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S25-Jn0010766	CP	mg/kg	94	100	6.0	30%	Pass	
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010766	CP	%	63	54	15	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010794	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S25-Jn0010794	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010794	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010794	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C6-C10	S25-Jn0010794	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010794	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010794	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010794	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010794	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010794	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Ethion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010794	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010794	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010794	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010794	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010794	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010794	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010794	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010794	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010794	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010794	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010794	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010794	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010794	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010794	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010794	CP	mg/kg	2.3	3.8	50	30%	Fail	Q15
Cadmium	S25-Jn0010794	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010794	CP	mg/kg	7.0	11	49	30%	Fail	Q15
Copper	S25-Jn0010794	CP	mg/kg	62	60	3.0	30%	Pass	
Lead	S25-Jn0010794	CP	mg/kg	21	26	21	30%	Pass	
Mercury	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0010794	CP	mg/kg	5.3	8.9	51	30%	Fail	Q15
Zinc	S25-Jn0010794	CP	mg/kg	38	62	48	30%	Fail	Q15
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Jn0010798	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010798	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010798	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010798	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010798	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010798	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Hexachlorobenzene	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010798	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010798	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010798	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	

Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010798	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010798	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010798	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010798	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010798	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010798	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010798	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010798	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010798	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010798	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010798	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010798	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Acid Sulfate Soils Field pH Test				Result 1	Result 2	RPD			
pH-F (Field pH test)*	S25-Jn0010807	CP	pH Units	5.5	5.4	pass	20%	Pass	
pH-FOX (Field pH Peroxide test)*	S25-Jn0010807	CP	pH Units	4.1	4.0	pass	30%	Pass	
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010825	CP	%	30	33	11	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0011756	CP	mg/kg	2.2	2.9	28	30%	Pass	
Cadmium	S25-Jn0011756	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0011756	CP	mg/kg	7.2	12	46	30%	Fail	Q15
Copper	S25-Jn0011756	CP	mg/kg	140	130	2.0	30%	Pass	
Lead	S25-Jn0011756	CP	mg/kg	18	19	9.0	30%	Pass	
Mercury	S25-Jn0011756	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0011756	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S25-Jn0011756	CP	mg/kg	58	56	3.0	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	No
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
G01	The LORs have been raised due to matrix interference
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.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N09	Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard.
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
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.
S05	Field Screen uses the following fizz rating to classify the rate the samples reacted to the peroxide: 1.0; No reaction to slight. 2.0; Moderate reaction. 3.0; Strong reaction with persistent froth. 4.0; Extreme reaction.

Authorised by:

Adam Bateup	Analytical Services Manager
Dilani Samarakoon	Senior Analyst-SPOCAS
Mickael Ros	Senior Analyst-Metal
Raymond Siu	Senior Analyst-Volatile
Roopesh Rangarajan	Senior Analyst-Organic
Roopesh Rangarajan	Senior Analyst-PFAS
Ryan Phillips	Senior Analyst-Sample Properties
Sayeed Abu	Senior Analyst-Asbestos

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

Certificate of Analysis

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.

Stantec Australia Pty Ltd
Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Attention: **Callum Laker**

Report **1228331-S-V2**
Project name MILTON PS
Project ID 3050016633
Received Date Jun 03, 2025

Client Sample ID			G01 **TP101_0.1**	**TP102_0.1**	**TP103_0.1**	**TP104_0.1**
Sample Matrix			**Soil**	**Soil**	**Soil**	**Soil**
Eurofins Sample No.			**S25-Jn0010706**	**S25-Jn0010707**	**S25-Jn0010708**	**S25-Jn0010709**
Date Sampled			**May 27, 2025**	**May 27, 2025**	**May 27, 2025**	**May 27, 2025**
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	56	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	180	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	236	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	160	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	290	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	450	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	INT	118	121	86
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			G01 TP101_0.1	TP102_0.1	TP103_0.1	TP104_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010706	S25-Jn0010707	S25-Jn0010708	S25-Jn0010709
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	103	86	120	80
p-Terphenyl-d14 (surr.)	1	%	94	76	112	83
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 10	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	91	122	150	128
Tetrachloro-m-xylene (surr.)	1	%	109	110	111	94
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 5	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2

Client Sample ID			G01 TP101_0.1	TP102_0.1	TP103_0.1	TP104_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010706	S25-Jn0010707	S25-Jn0010708	S25-Jn0010709
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Disulfoton	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 5	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 5	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.5	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	62	77	119	79
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1221	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1232	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1242	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1248	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1254	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Aroclor-1260	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Total PCB*	0.1	mg/kg	< 1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	91	122	150	-
Tetrachloro-m-xylene (surr.)	1	%	109	110	111	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	-
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	-
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	-
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	-

Client Sample ID			G01 TP101_0.1	TP102_0.1	TP103_0.1	TP104_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010706	S25-Jn0010707	S25-Jn0010708	S25-Jn0010709
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.5	< 0.2	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 1	< 0.4	< 0.4	-
Total cresols*	0.5	mg/kg	< 1	< 0.5	< 0.5	-
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	-
Dinoseb	20	mg/kg	< 20	< 20	< 20	-
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Phenol-d6 (surr.)	1	%	73	87	109	-
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	-
Heavy Metals						
Arsenic	2	mg/kg	4.3	< 2	7.2	2.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	27	6.3	17	< 5
Copper	5	mg/kg	34	69	25	75
Lead	5	mg/kg	12	88	10	31
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	37	< 5	20	< 5
Zinc	5	mg/kg	56	60	63	81
Sample Properties						
% Moisture	1	%	5.4	33	7.8	26
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	91	107	112	128
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	113	128	127	138
13C8-PFOS (surr.)	1	%	139	157	138	126
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	119	121	109	118
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5

Client Sample ID			TP105_0.1	TP106_0.1	TP107_0.1	TP108_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010710	S25-Jn0010711	S25-Jn0010712	S25-Jn0010713
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	77	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	77	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	154	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	63	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	63	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	110	INT	INT	92
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	92	94	97	114
p-Terphenyl-d14 (surr.)	1	%	85	91	92	102
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-

Client Sample ID			TP105_0.1	TP106_0.1	TP107_0.1	TP108_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010710	S25-Jn0010711	S25-Jn0010712	S25-Jn0010713
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	116	113	82	-
Tetrachloro-m-xylene (surr.)	1	%	88	91	103	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Coumaphos	2	mg/kg	< 2	< 2	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Monocrotophos	2	mg/kg	< 2	< 2	< 2	-
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-

Client Sample ID			TP105_0.1	TP106_0.1	TP107_0.1	TP108_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010710	S25-Jn0010711	S25-Jn0010712	S25-Jn0010713
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Omethoate	2	mg/kg	< 2	< 2	< 2	-
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	84	85	90	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	-	< 0.1	-
Total PCB*	0.1	mg/kg	-	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	-	82	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	103	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	-	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	-	-	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	-	-	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	-	-	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	-	-	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	-	-	< 1	-
Pentachlorophenol	1	mg/kg	-	-	< 1	-
Tetrachlorophenols - Total	10	mg/kg	-	-	< 10	-
Total Halogenated Phenol*	1	mg/kg	-	-	< 1	-
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	-	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	-	< 5	-
2-Nitrophenol	1	mg/kg	-	-	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	-	-	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	-	-	< 5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	< 0.4	-
Total cresols*	0.5	mg/kg	-	-	< 0.5	-
4-Nitrophenol	5	mg/kg	-	-	< 5	-
Dinoseb	20	mg/kg	-	-	< 20	-
Phenol	0.5	mg/kg	-	-	< 0.5	-
Phenol-d6 (surr.)	1	%	-	-	83	-
Total Non-Halogenated Phenol*	20	mg/kg	-	-	< 20	-

Client Sample ID			TP105_0.1	TP106_0.1	TP107_0.1	TP108_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010710	S25-Jn0010711	S25-Jn0010712	S25-Jn0010713
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	< 2	3.4	2.4	2.2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	5.0	< 5	8.5
Copper	5	mg/kg	75	87	78	90
Lead	5	mg/kg	20	23	31	25
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	< 5
Zinc	5	mg/kg	53	68	110	28
Sample Properties						
% Moisture	1	%	23	39	36	30
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	100	71	116	101
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	108	108	112	170
13C8-PFOS (surr.)	1	%	142	144	149	164
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	133	108	107	138
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	-	5.7
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	-	3.8
Reaction Ratings*[S05]	0	comment	-	-	-	4.0

Client Sample ID			TP108_0.3	TP108_1	TP109_0.1	TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010714	S25-Jn0010715	S25-Jn0010716	S25-Jn0010717
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100

Client Sample ID			TP108_0.3	TP108_1	TP109_0.1	TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010714	S25-Jn0010715	S25-Jn0010716	S25-Jn0010717
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	87	104	85	112
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	105	103	89	110
p-Terphenyl-d14 (surr.)	1	%	82	84	86	88
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05

Client Sample ID			TP108_0.3	TP108_1	TP109_0.1	TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010714	S25-Jn0010715	S25-Jn0010716	S25-Jn0010717
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	130	-	118	126
Tetrachloro-m-xylene (surr.)	1	%	102	-	93	90
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	-	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	-	< 2	< 2
Naled	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	-	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	84	-	84	82

Client Sample ID			TP108_0.3	TP108_1	TP109_0.1	TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010714	S25-Jn0010715	S25-Jn0010716	S25-Jn0010717
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	-	-	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	-	-	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	130	-	-	126
Tetrachloro-m-xylene (surr.)	1	%	102	-	-	90
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	-	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	-	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	-	-	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	-	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	-	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	-	-	< 1
Pentachlorophenol	1	mg/kg	< 1	-	-	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	-	-	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	-	-	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	-	-	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	-	-	< 5
2-Nitrophenol	1	mg/kg	< 1	-	-	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	-	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	-	-	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	-	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	-	-	< 0.5
4-Nitrophenol	5	mg/kg	< 5	-	-	< 5
Dinoseb	20	mg/kg	< 20	-	-	< 20
Phenol	0.5	mg/kg	< 0.5	-	-	< 0.5
Phenol-d6 (surr.)	1	%	94	-	-	93
Total Non-Halogenated Phenol*	20	mg/kg	< 20	-	-	< 20
Heavy Metals						
Arsenic	2	mg/kg	7.2	< 2	-	2.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	-	< 0.4
Chromium	5	mg/kg	13	< 5	-	8.0
Copper	5	mg/kg	17	61	-	90
Lead	5	mg/kg	13	6.4	-	18
Mercury	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Nickel	5	mg/kg	20	< 5	-	< 5
Zinc	5	mg/kg	54	5.0	-	14
Sample Properties						
% Moisture	1	%	6.0	32	31	33

Client Sample ID			TP108_0.3	TP108_1	TP109_0.1	TP110_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010714	S25-Jn0010715	S25-Jn0010716	S25-Jn0010717
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	-	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	-	-	107	124
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	-	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	-	< 5	< 5
18O2-PFHxS (surr.)	1	%	-	-	126	118
13C8-PFOS (surr.)	1	%	-	-	147	127
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	-	< 5	< 5
13C8-PFOA (surr.)	1	%	-	-	122	112
Sum (PFHxS + PFOS)*	5	ug/kg	-	-	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	-	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	-	< 5	< 5
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	7.5	5.0	-	-
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	2.7	3.5	-	-
Reaction Ratings*[S05]	0	comment	3.0	2.0	-	-

Client Sample ID			TP111_0.1	TP111_0.3	TP112_0.1	TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010719	S25-Jn0010720	S25-Jn0010722	S25-Jn0010723
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	54	< 50	80	< 50
TRH C29-C36	50	mg/kg	55	< 50	83	< 50
TRH C10-C36 (Total)	50	mg/kg	109	< 50	163	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	< 100	130	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	130	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	85	78	93	90

Client Sample ID			TP111_0.1	TP111_0.3	TP112_0.1	TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010719	S25-Jn0010720	S25-Jn0010722	S25-Jn0010723
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	0.7	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	1.0	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.3	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	0.6	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	0.6	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	0.7	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	0.8	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	1.4	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	0.6	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	1.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	6.2	< 0.5
2-Fluorobiphenyl (surr.)	1	%	106	110	97	103
p-Terphenyl-d14 (surr.)	1	%	116	97	89	120
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	-	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	-	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	125	-	112	136
Tetrachloro-m-xylene (surr.)	1	%	113	-	95	113

Client Sample ID			TP111_0.1	TP111_0.3	TP112_0.1	TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010719	S25-Jn0010720	S25-Jn0010722	S25-Jn0010723
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	-	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	-	< 2	< 2
Naled	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	-	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	119	-	67	110
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1221	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1232	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1242	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1248	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1254	0.1	mg/kg	< 0.1	-	< 0.1	-
Aroclor-1260	0.1	mg/kg	< 0.1	-	< 0.1	-
Total PCB*	0.1	mg/kg	< 0.1	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	125	-	112	-
Tetrachloro-m-xylene (surr.)	1	%	113	-	95	-

Client Sample ID			TP111_0.1	TP111_0.3	TP112_0.1	TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010719	S25-Jn0010720	S25-Jn0010722	S25-Jn0010723
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	-	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	-	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	-	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	-	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	-	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	-	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	-	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	-	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	-	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	-	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	-	< 5	< 5
Dinoseb	20	mg/kg	< 20	-	< 20	< 20
Phenol	0.5	mg/kg	< 0.5	-	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	102	-	76	92
Total Non-Halogenated Phenol*	20	mg/kg	< 20	-	< 20	< 20
Heavy Metals						
Arsenic	2	mg/kg	4.5	4.8	5.5	2.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	12	12	16	7.7
Copper	5	mg/kg	37	26	22	66
Lead	5	mg/kg	15	14	17	20
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	20	16	16	< 5
Zinc	5	mg/kg	60	50	68	69
Sample Properties						
% Moisture	1	%	8.9	7.9	9.1	30
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	-	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	101	-	137	76
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	-	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	-	< 5	< 5
18O2-PFHxS (surr.)	1	%	168	-	108	158
13C8-PFOS (surr.)	1	%	153	-	122	173
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	-	< 5	< 5
13C8-PFOA (surr.)	1	%	137	-	115	132
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	-	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	-	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	-	< 5	< 5

Client Sample ID			TP111_0.1	TP111_0.3	TP112_0.1	TP113_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010719	S25-Jn0010720	S25-Jn0010722	S25-Jn0010723
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	8.9	-
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	7.5	-
Reaction Ratings*[S05]	0	comment	-	-	4.0	-

Client Sample ID			TP114_0.1	TP115_0.1	TP115_0.3	TP116_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010724	S25-Jn0010725	S25-Jn0010726	S25-Jn0010728
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	52
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	52
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	80	114	63	76
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			TP114_0.1	TP115_0.1	TP115_0.3	TP116_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010724	S25-Jn0010725	S25-Jn0010726	S25-Jn0010728
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	108	62	116	97
p-Terphenyl-d14 (surr.)	1	%	118	57	101	103
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	118	79	-	94
Tetrachloro-m-xylene (surr.)	1	%	111	63	-	99
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	-	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2

Client Sample ID			TP114_0.1	TP115_0.1	TP115_0.3	TP116_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010724	S25-Jn0010725	S25-Jn0010726	S25-Jn0010728
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	-	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Omethoate	2	mg/kg	< 2	< 2	-	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	107	50	-	70
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1221	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1232	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1242	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1248	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1254	0.1	mg/kg	-	< 0.1	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	< 0.1	-	< 0.1
Total PCB*	0.1	mg/kg	-	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	79	-	94
Tetrachloro-m-xylene (surr.)	1	%	-	63	-	99
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	< 0.5	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	< 0.5	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	< 1	-	< 1
2.4.6-Trichlorophenol	1	mg/kg	-	< 1	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	< 0.5	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	< 1	-	< 1
Pentachlorophenol	1	mg/kg	-	< 1	-	< 1
Tetrachlorophenols - Total	10	mg/kg	-	< 10	-	< 10
Total Halogenated Phenol*	1	mg/kg	-	< 1	-	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	< 20	-	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	< 5	-	< 5
2-Nitrophenol	1	mg/kg	-	< 1	-	< 1
2.4-Dimethylphenol	0.5	mg/kg	-	< 0.5	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	< 5	-	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	-	< 0.2

Client Sample ID			TP114_0.1	TP115_0.1	TP115_0.3	TP116_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010724	S25-Jn0010725	S25-Jn0010726	S25-Jn0010728
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Phenols (non-Halogenated)						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	-	< 0.4
Total cresols*	0.5	mg/kg	-	< 0.5	-	< 0.5
4-Nitrophenol	5	mg/kg	-	< 5	-	< 5
Dinoseb	20	mg/kg	-	< 20	-	< 20
Phenol	0.5	mg/kg	-	< 0.5	-	< 0.5
Phenol-d6 (surr.)	1	%	-	55	-	76
Total Non-Halogenated Phenol*	20	mg/kg	-	< 20	-	< 20
Heavy Metals						
Arsenic	2	mg/kg	2.2	3.8	2.3	2.6
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	6.4	10	< 5	5.3
Copper	5	mg/kg	80	94	110	73
Lead	5	mg/kg	25	19	13	13
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	13	< 5	< 5
Zinc	5	mg/kg	28	59	45	30
Sample Properties						
% Moisture	1	%	33	25	28	16
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	-	< 10
13C2-6:2 FTSA (surr.)	1	%	136	108	-	100
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	-	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	-	[N09]5.9
18O2-PFHxS (surr.)	1	%	168	127	-	107
13C8-PFOS (surr.)	1	%	153	148	-	123
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	-	< 5
13C8-PFOA (surr.)	1	%	132	125	-	92
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	-	5.9
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	5.9
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	5.9

Client Sample ID			TP116_0.5	TP117_0.1	TP117_0.5	TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010729	S25-Jn0010730	S25-Jn0010731	S25-Jn0010732
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			TP116_0.5	TP117_0.1	TP117_0.5	TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010729	S25-Jn0010730	S25-Jn0010731	S25-Jn0010732
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	71	75	92	92
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	88	87	88	109
p-Terphenyl-d14 (surr.)	1	%	80	92	77	114
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	-	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	-	-	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	-	-	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	-	-	< 0.05	< 0.05
a-HCH	0.05	mg/kg	-	-	< 0.05	< 0.05
Aldrin	0.05	mg/kg	-	-	< 0.05	< 0.05
b-HCH	0.05	mg/kg	-	-	< 0.05	< 0.05
d-HCH	0.05	mg/kg	-	-	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	-	-	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	-	-	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	-	-	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	-	< 0.05	< 0.05
Endrin	0.05	mg/kg	-	-	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	-	-	< 0.05	< 0.05

Client Sample ID			TP116_0.5	TP117_0.1	TP117_0.5	TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010729	S25-Jn0010730	S25-Jn0010731	S25-Jn0010732
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Endrin ketone	0.05	mg/kg	-	-	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	-	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	-	-	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	-	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	-	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	-	-	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	-	-	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	-	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	-	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	-	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	-	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	-	104	139
Tetrachloro-m-xylene (surr.)	1	%	-	-	88	112
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	-	< 0.2	< 0.2
Bolstar	0.2	mg/kg	-	-	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	-	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	-	-	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	-	< 0.2	< 0.2
Coumaphos	2	mg/kg	-	-	< 2	< 2
Demeton-S	0.2	mg/kg	-	-	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	-	-	< 0.2	< 0.2
Diazinon	0.2	mg/kg	-	-	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	-	-	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	-	-	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	-	-	< 0.2	< 0.2
EPN	0.2	mg/kg	-	-	< 0.2	< 0.2
Ethion	0.2	mg/kg	-	-	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	-	-	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	-	-	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	-	-	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	-	-	< 0.2	< 0.2
Fenthion	0.2	mg/kg	-	-	< 0.2	< 0.2
Malathion	0.2	mg/kg	-	-	< 0.2	< 0.2
Merphos	0.2	mg/kg	-	-	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	-	-	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	-	-	< 0.2	< 0.2
Monocrotophos	2	mg/kg	-	-	< 2	< 2
Naled	0.2	mg/kg	-	-	< 0.2	< 0.2
Omethoate	2	mg/kg	-	-	< 2	< 2
Phorate	0.2	mg/kg	-	-	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	-	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	-	-	< 0.2	< 0.2
Ronnel	0.2	mg/kg	-	-	< 0.2	< 0.2
Terbufos	0.2	mg/kg	-	-	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	-	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	-	-	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	-	-	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	-	-	73	111

Client Sample ID			TP116_0.5	TP117_0.1	TP117_0.5	TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010729	S25-Jn0010730	S25-Jn0010731	S25-Jn0010732
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	-	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	-	< 0.1	-
Total PCB*	0.1	mg/kg	-	-	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	-	104	-
Tetrachloro-m-xylene (surr.)	1	%	-	-	88	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	-	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	-	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	-	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	-	-	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	-	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	-	< 1	< 1
Pentachlorophenol	1	mg/kg	-	-	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	-	-	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	-	-	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	-	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	-	< 5	< 5
2-Nitrophenol	1	mg/kg	-	-	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	-	-	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	-	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	-	-	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	-	-	< 5	< 5
Dinoseb	20	mg/kg	-	-	< 20	< 20
Phenol	0.5	mg/kg	-	-	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	-	-	86	84
Total Non-Halogenated Phenol*	20	mg/kg	-	-	< 20	< 20
Heavy Metals						
Arsenic	2	mg/kg	< 2	4.8	3.0	4.1
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	13	< 5	8.1
Copper	5	mg/kg	75	69	99	87
Lead	5	mg/kg	16	22	13	14
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	6.2	< 5	5.9
Zinc	5	mg/kg	20	77	26	55
Sample Properties						
% Moisture	1	%	26	31	20	28

Client Sample ID			TP116_0.5	TP117_0.1	TP117_0.5	TP118_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010729	S25-Jn0010730	S25-Jn0010731	S25-Jn0010732
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	-	83	96	94
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	-	175	142	168
13C8-PFOS (surr.)	1	%	-	154	190	170
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	-	131	125	137
Sum (PFHxS + PFOS)*	5	ug/kg	-	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	-	7.9
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	-	4.9
Reaction Ratings*[S05]	0	comment	-	-	-	4.0

Client Sample ID			TP118_1	TP119_0.1	TP120_0.1	TP121_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010733	S25-Jn0010734	S25-Jn0010735	S25-Jn0010736
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	70	62	121	57

Client Sample ID			TP118_1	TP119_0.1	TP120_0.1	TP121_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010733	S25-Jn0010734	S25-Jn0010735	S25-Jn0010736
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	99	94	91	133
p-Terphenyl-d14 (surr.)	1	%	89	87	87	119
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	111	92	95	132
Tetrachloro-m-xylene (surr.)	1	%	100	89	89	121

Client Sample ID			TP118_1	TP119_0.1	TP120_0.1	TP121_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010733	S25-Jn0010734	S25-Jn0010735	S25-Jn0010736
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	92	85	83	131
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	111	92	95	132
Tetrachloro-m-xylene (surr.)	1	%	100	89	89	121

Client Sample ID			TP118_1	TP119_0.1	TP120_0.1	TP121_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010733	S25-Jn0010734	S25-Jn0010735	S25-Jn0010736
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
Dinoseb	20	mg/kg	< 20	< 20	< 20	< 20
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	82	86	77	109
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	< 20
Heavy Metals						
Arsenic	2	mg/kg	2.3	6.5	3.3	9.9
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	13	9.2	30
Copper	5	mg/kg	130	73	62	72
Lead	5	mg/kg	14	23	13	36
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	6.6	5.6	11
Zinc	5	mg/kg	36	86	50	140
Sample Properties						
% Moisture	1	%	23	35	32	33
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	94	125	121	102
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	[N09]< 5	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	119	161	156	176
13C8-PFOS (surr.)	1	%	127	139	129	144
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	107	120	138	128
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5

Client Sample ID			TP118_1	TP119_0.1	TP120_0.1	TP121_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010733	S25-Jn0010734	S25-Jn0010735	S25-Jn0010736
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	5.7	-	-	-
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	3.4	-	-	-
Reaction Ratings*[S05]	0	comment	4.0	-	-	-

Client Sample ID			TP121_0.3	TP122_0.3	TP123_0.1	TP123_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010737	S25-Jn0010740	S25-Jn0010741	S25-Jn0010742
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	31	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	130	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	110	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	271	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	< 100	190	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	190	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	115	93	118	108
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			TP121_0.3	TP122_0.3	TP123_0.1	TP123_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010737	S25-Jn0010740	S25-Jn0010741	S25-Jn0010742
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	89	97	100	90
p-Terphenyl-d14 (surr.)	1	%	86	96	104	82
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	< 0.1	-
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	-
a-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	-
b-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
d-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	-
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	-
Toxaphene	0.5	mg/kg	-	< 0.5	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	88	136	-
Tetrachloro-m-xylene (surr.)	1	%	-	100	115	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Coumaphos	2	mg/kg	-	< 2	< 2	-
Demeton-S	0.2	mg/kg	-	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	-
Dimethoate	0.2	mg/kg	-	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	-
EPN	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	-

Client Sample ID			TP121_0.3	TP122_0.3	TP123_0.1	TP123_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010737	S25-Jn0010740	S25-Jn0010741	S25-Jn0010742
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Malathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Monocrotophos	2	mg/kg	-	< 2	< 2	-
Naled	0.2	mg/kg	-	< 0.2	< 0.2	-
Omethoate	2	mg/kg	-	< 2	< 2	-
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Pyrazophos	0.2	mg/kg	-	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	-
Terbufos	0.2	mg/kg	-	< 0.2	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	91	102	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	< 0.1	< 0.1	-
Total PCB*	0.1	mg/kg	-	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	88	136	-
Tetrachloro-m-xylene (surr.)	1	%	-	100	115	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	< 1	-	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	< 1	-	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	< 1	-	< 1	-
Pentachlorophenol	1	mg/kg	< 1	-	< 1	-
Tetrachlorophenols - Total	10	mg/kg	< 10	-	< 10	-
Total Halogenated Phenol*	1	mg/kg	< 1	-	< 1	-
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	-	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	-	< 5	-
2-Nitrophenol	1	mg/kg	< 1	-	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	-	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	< 5	-	< 5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	-	< 0.2	-

Client Sample ID			TP121_0.3	TP122_0.3	TP123_0.1	TP123_0.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010737	S25-Jn0010740	S25-Jn0010741	S25-Jn0010742
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Phenols (non-Halogenated)						
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	-	< 0.4	-
Total cresols*	0.5	mg/kg	< 0.5	-	< 0.5	-
4-Nitrophenol	5	mg/kg	< 5	-	< 5	-
Dinoseb	20	mg/kg	< 20	-	< 20	-
Phenol	0.5	mg/kg	< 0.5	-	< 0.5	-
Phenol-d6 (surr.)	1	%	85	-	81	-
Total Non-Halogenated Phenol*	20	mg/kg	< 20	-	< 20	-
Heavy Metals						
Arsenic	2	mg/kg	2.7	2.8	5.9	< 2
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	< 5	18	< 5
Copper	5	mg/kg	130	160	85	120
Lead	5	mg/kg	12	16	24	15
Mercury	0.1	mg/kg	< 0.1	< 0.1	0.2	< 0.1
Nickel	5	mg/kg	< 5	< 5	9.0	< 5
Zinc	5	mg/kg	40	48	85	28
Sample Properties						
% Moisture	1	%	24	23	38	21
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	-	113	129	111
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	-	134	160	157
13C8-PFOS (surr.)	1	%	-	153	145	147
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	-	132	118	123
Sum (PFHxS + PFOS)*	5	ug/kg	-	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	7.8	5.8
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	4.5	3.7
Reaction Ratings*[S05]	0	comment	-	-	4.0	1.0

Client Sample ID			TP124_0.1	TP125_0.1	TP125_0.3	TP126_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010743	S25-Jn0010744	S25-Jn0010745	S25-Jn0010746
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	-	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	-	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	-	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	-	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	-	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	-	< 20

Client Sample ID			TP124_0.1	TP125_0.1	TP125_0.3	TP126_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010743	S25-Jn0010744	S25-Jn0010745	S25-Jn0010746
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	-	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	-	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	-	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
TRH >C16-C34	100	mg/kg	< 100	< 100	-	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	-	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	-	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	-	< 0.3
4-Bromofluorobenzene (surr.)	1	%	83	67	-	70
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	-	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	-	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2-Fluorobiphenyl (surr.)	1	%	81	80	-	90
p-Terphenyl-d14 (surr.)	1	%	80	74	-	104
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05

Client Sample ID			TP124_0.1	TP125_0.1	TP125_0.3	TP126_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010743	S25-Jn0010744	S25-Jn0010745	S25-Jn0010746
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	101	78	-	92
Tetrachloro-m-xylene (surr.)	1	%	87	77	-	93
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	-	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	-	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Omethoate	2	mg/kg	< 2	< 2	-	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2

Client Sample ID			TP124_0.1	TP125_0.1	TP125_0.3	TP126_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010743	S25-Jn0010744	S25-Jn0010745	S25-Jn0010746
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
Triphenylphosphate (surr.)	1	%	77	80	-	96
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	-	< 0.1
Dibutylchlorendate (surr.)	1	%	101	78	-	92
Tetrachloro-m-xylene (surr.)	1	%	87	77	-	93
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	-	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	-	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	-	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	-	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	-	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	-	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	-	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	-	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	-	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	-	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	-	< 5
Dinoseb	20	mg/kg	< 20	< 20	-	< 20
Phenol	0.5	mg/kg	< 0.5	< 0.5	-	< 0.5
Phenol-d6 (surr.)	1	%	61	67	-	73
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	-	< 20
Heavy Metals						
Arsenic	2	mg/kg	8.6	7.0	3.5	5.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	20	19	< 5	13
Copper	5	mg/kg	100	110	92	78
Lead	5	mg/kg	35	33	8.6	24
Mercury	0.1	mg/kg	0.4	< 0.1	< 0.1	0.2
Nickel	5	mg/kg	13	9.0	< 5	7.4
Zinc	5	mg/kg	150	120	39	73
Sample Properties						
% Moisture	1	%	35	38	29	33

Client Sample ID			TP124_0.1	TP125_0.1	TP125_0.3	TP126_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010743	S25-Jn0010744	S25-Jn0010745	S25-Jn0010746
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	-	< 10
13C2-6:2 FTSA (surr.)	1	%	84	98	-	99
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	-	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	-	< 5
18O2-PFHxS (surr.)	1	%	148	156	-	158
13C8-PFOS (surr.)	1	%	146	164	-	163
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	-	< 5
13C8-PFOA (surr.)	1	%	134	131	-	115
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	-	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	< 5

Client Sample ID			TP127_0.1	HA101_0.1	HA102_0.1	HA103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010747	S25-Jn0010748	S25-Jn0010749	S25-Jn0010751
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	55	< 50	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	55	< 50	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	107	97	74	88
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5

Client Sample ID			TP127_0.1	HA101_0.1	HA102_0.1	HA103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010747	S25-Jn0010748	S25-Jn0010749	S25-Jn0010751
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	74	82	99	126
p-Terphenyl-d14 (surr.)	1	%	84	80	113	141
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	100	100	82	140
Tetrachloro-m-xylene (surr.)	1	%	91	89	100	132
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2

Client Sample ID			TP127_0.1	HA101_0.1	HA102_0.1	HA103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010747	S25-Jn0010748	S25-Jn0010749	S25-Jn0010751
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Coumaphos	2	mg/kg	< 2	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 2	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	< 2	< 2	< 2	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	77	77	89	150
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	100	100	82	140
Tetrachloro-m-xylene (surr.)	1	%	91	89	100	132
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1

Client Sample ID			TP127_0.1	HA101_0.1	HA102_0.1	HA103_0.1
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010747	S25-Jn0010748	S25-Jn0010749	S25-Jn0010751
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
Dinoseb	20	mg/kg	< 20	< 20	< 20	< 20
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	66	68	75	105
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	< 20
Heavy Metals						
Arsenic	2	mg/kg	< 2	2.3	2.8	2.5
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	5.0	7.7	< 5	5.7
Copper	5	mg/kg	79	34	110	110
Lead	5	mg/kg	17	22	18	37
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	< 5	< 5	< 5
Zinc	5	mg/kg	29	57	39	120
Sample Properties						
% Moisture	1	%	30	34	28	29
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	122	137	111	97
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	156	160	163	179
13C8-PFOS (surr.)	1	%	140	161	132	175
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	120	124	137	126
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	< 5	< 5

Client Sample ID			SED-1	SED-2	[G01]SED-3	QA300
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010755	S25-Jn0010756	S25-Jn0010757	S25-Jn0010760
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	72	< 50	< 50
TRH C29-C36	50	mg/kg	63	92	< 50	66
TRH C10-C36 (Total)	50	mg/kg	63	164	< 50	66
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	160	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	160	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	89	63	135	64
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	86	69	106	86
p-Terphenyl-d14 (surr.)	1	%	84	75	135	89
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05

Client Sample ID			SED-1	SED-2	G01SED-3	QA300
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010755	S25-Jn0010756	S25-Jn0010757	S25-Jn0010760
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 10	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.5	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Dibutylchlorendate (surr.)	1	%	102	88	INT	108
Tetrachloro-m-xylene (surr.)	1	%	93	83	119	90
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Coumaphos	2	mg/kg	< 2	< 2	< 5	< 2
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Monocrotophos	2	mg/kg	< 2	< 2	< 5	< 2
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2

Client Sample ID			SED-1	SED-2	G01SED-3	QA300
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010755	S25-Jn0010756	S25-Jn0010757	S25-Jn0010760
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Omethoate	2	mg/kg	< 2	< 2	< 5	< 2
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
Triphenylphosphate (surr.)	1	%	86	78	69	84
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	< 1	< 0.1
Dibutylchlorendate (surr.)	1	%	102	88	INT	108
Tetrachloro-m-xylene (surr.)	1	%	93	83	119	90
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.5	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	2.6	< 1	< 0.4
Total cresols*	0.5	mg/kg	< 0.5	2.6	< 1	< 0.5
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	< 5
Dinoseb	20	mg/kg	< 20	< 20	< 20	< 20
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	79	71	97	73
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	< 20

Client Sample ID			SED-1	SED-2	[G01]SED-3	QA300
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010755	S25-Jn0010756	S25-Jn0010757	S25-Jn0010760
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Heavy Metals						
Arsenic	2	mg/kg	4.6	4.5	2.9	2.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	5.9	11	64	7.8
Copper	5	mg/kg	120	100	120	34
Lead	5	mg/kg	15	15	7.6	23
Mercury	0.1	mg/kg	< 0.1	0.1	< 0.1	< 0.1
Nickel	5	mg/kg	< 5	5.4	28	< 5
Zinc	5	mg/kg	110	400	97	67
Sample Properties						
% Moisture	1	%	56	78	13	37
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	-	-	< 10
13C2-6:2 FTSA (surr.)	1	%	-	-	-	126
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	-	-	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	-	-	< 5
18O2-PFHxS (surr.)	1	%	-	-	-	138
13C8-PFOS (surr.)	1	%	-	-	-	166
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	-	-	< 5
13C8-PFOA (surr.)	1	%	-	-	-	120
Sum (PFHxS + PFOS)*	5	ug/kg	-	-	-	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	-	-	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	-	-	< 5

Client Sample ID			QA100	QA200	QA301	Trip Blank
Sample Matrix			Soil	Soil	Soil	Trip Blank (solid)
Eurofins Sample No.			S25-Jn0010762	S25-Jn0010764	S25-Jn0010766	S25-Jn0010770
Date Sampled			May 27, 2025	May 28, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	20	< 20	-
TRH C15-C28	50	mg/kg	< 50	65	< 50	-
TRH C29-C36	50	mg/kg	< 50	59	< 50	-
TRH C10-C36 (Total)	50	mg/kg	< 50	144	< 50	-
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	-
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	-
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	120	< 100	-
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	-
TRH >C10-C40 (total)*	100	mg/kg	< 100	120	< 100	-

Client Sample ID			QA100	QA200	QA301	Trip Blank
Sample Matrix			Soil	Soil	Soil	Trip Blank (solid)
Eurofins Sample No.			S25-Jn0010762	S25-Jn0010764	S25-Jn0010766	S25-Jn0010770
Date Sampled			May 27, 2025	May 28, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	109	87	73	88
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	-
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	-
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2-Fluorobiphenyl (surr.)	1	%	115	87	62	-
p-Terphenyl-d14 (surr.)	1	%	119	87	85	-
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
4.4'-DDD	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
a-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
b-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
d-HCH	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-

Client Sample ID			QA100	QA200	QA301	Trip Blank
Sample Matrix			Soil	Soil	Soil	Trip Blank (solid)
Eurofins Sample No.			S25-Jn0010762	S25-Jn0010764	S25-Jn0010766	S25-Jn0010770
Date Sampled			May 27, 2025	May 28, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Heptachlor epoxide	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Methoxychlor	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Toxaphene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05	< 0.05	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	INT	117	104	-
Tetrachloro-m-xylene (surr.)	1	%	117	93	92	-
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Bolstar	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Coumaphos	2	mg/kg	< 2	< 2	< 2	-
Demeton-S	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Dimethoate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
EPN	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ethyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Malathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Monocrotophos	2	mg/kg	< 2	< 2	< 2	-
Naled	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Omethoate	2	mg/kg	< 2	< 2	< 2	-
Phorate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Pyrazophos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Terbufos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	108	94	78	-

Client Sample ID			QA100	QA200	QA301	Trip Blank
Sample Matrix			Soil	Soil	Soil	Trip Blank (solid)
Eurofins Sample No.			S25-Jn0010762	S25-Jn0010764	S25-Jn0010766	S25-Jn0010770
Date Sampled			May 27, 2025	May 28, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1221	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1232	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1242	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1248	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1254	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Aroclor-1260	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Total PCB*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	INT	117	104	-
Tetrachloro-m-xylene (surr.)	1	%	117	93	92	-
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	< 1	< 1	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	< 1	< 1	< 1	-
Pentachlorophenol	1	mg/kg	< 1	< 1	< 1	-
Tetrachlorophenols - Total	10	mg/kg	< 10	< 10	< 10	-
Total Halogenated Phenol*	1	mg/kg	< 1	< 1	< 1	-
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20	< 20	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
2-Nitrophenol	1	mg/kg	< 1	< 1	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	< 5	< 5	< 5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2	< 0.2	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4	< 0.4	< 0.4	-
Total cresols*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
4-Nitrophenol	5	mg/kg	< 5	< 5	< 5	-
Dinoseb	20	mg/kg	< 20	< 20	< 20	-
Phenol	0.5	mg/kg	< 0.5	< 0.5	< 0.5	-
Phenol-d6 (surr.)	1	%	86	72	83	-
Total Non-Halogenated Phenol*	20	mg/kg	< 20	< 20	< 20	-
Heavy Metals						
Arsenic	2	mg/kg	2.2	5.2	4.3	-
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	-
Chromium	5	mg/kg	< 5	14	5.9	-
Copper	5	mg/kg	73	78	130	-
Lead	5	mg/kg	30	25	16	-
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	-
Nickel	5	mg/kg	< 5	6.6	< 5	-
Zinc	5	mg/kg	75	89	94	-
Sample Properties						
% Moisture	1	%	24	27	63	-

Client Sample ID			QA100	QA200	QA301	Trip Blank
Sample Matrix			Soil	Soil	Soil	Trip Blank (solid)
Eurofins Sample No.			S25-Jn0010762	S25-Jn0010764	S25-Jn0010766	S25-Jn0010770
Date Sampled			May 27, 2025	May 28, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10	< 10	-	-
13C2-6:2 FTSA (surr.)	1	%	111	118	-	-
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5	< 5	-	-
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5	< 5	-	-
18O2-PFHxS (surr.)	1	%	155	150	-	-
13C8-PFOS (surr.)	1	%	163	186	-	-
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5	< 5	-	-
13C8-PFOA (surr.)	1	%	136	133	-	-
Sum (PFHxS + PFOS)*	5	ug/kg	< 5	< 5	-	-
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	-
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 5	< 5	-	-

Client Sample ID			Trip Spike	TP103_0.3	TP108_0.5	TP112_0.3
Sample Matrix			Trip Spike (solid)	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010771	S25-Jn0010779	S25-Jn0010787	S25-Jn0010791
Date Sampled			May 29, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	-	< 20	-	< 20
TRH C10-C14	20	mg/kg	-	< 20	-	< 20
TRH C15-C28	50	mg/kg	-	< 50	-	< 50
TRH C29-C36	50	mg/kg	-	< 50	-	< 50
TRH C10-C36 (Total)	50	mg/kg	-	< 50	-	< 50
TRH C6-C10	20	mg/kg	-	< 20	-	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	-	< 20	-	< 20
TRH >C10-C16	50	mg/kg	-	< 50	-	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	-	< 50	-	< 50
Naphthalene[N02]	0.5	mg/kg	-	< 0.5	-	< 0.5
TRH >C16-C34	100	mg/kg	-	< 100	-	< 100
TRH >C34-C40	100	mg/kg	-	< 100	-	< 100
TRH >C10-C40 (total)*	100	mg/kg	-	< 100	-	< 100
BTEX						
Benzene	0.1	mg/kg	-	< 0.1	-	< 0.1
Toluene	0.1	mg/kg	-	< 0.1	-	< 0.1
Ethylbenzene	0.1	mg/kg	-	< 0.1	-	< 0.1
m&p-Xylenes	0.2	mg/kg	-	< 0.2	-	< 0.2
o-Xylene	0.1	mg/kg	-	< 0.1	-	< 0.1
Xylenes - Total*	0.3	mg/kg	-	< 0.3	-	< 0.3
4-Bromofluorobenzene (surr.)	1	%	-	115	-	82
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	< 0.5	-	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	0.6	-	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	1.2	-	1.2
Acenaphthene	0.5	mg/kg	-	< 0.5	-	< 0.5
Acenaphthylene	0.5	mg/kg	-	< 0.5	-	< 0.5
Anthracene	0.5	mg/kg	-	< 0.5	-	< 0.5

Client Sample ID			Trip Spike	TP103_0.3	TP108_0.5	TP112_0.3
Sample Matrix			Trip Spike (solid)	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010771	S25-Jn0010779	S25-Jn0010787	S25-Jn0010791
Date Sampled			May 29, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benz(a)anthracene	0.5	mg/kg	-	< 0.5	-	< 0.5
Benzo(a)pyrene	0.5	mg/kg	-	< 0.5	-	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	< 0.5	-	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	-	< 0.5	-	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	-	< 0.5	-	< 0.5
Chrysene	0.5	mg/kg	-	< 0.5	-	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	-	< 0.5	-	< 0.5
Fluoranthene	0.5	mg/kg	-	< 0.5	-	< 0.5
Fluorene	0.5	mg/kg	-	< 0.5	-	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	< 0.5	-	< 0.5
Naphthalene	0.5	mg/kg	-	< 0.5	-	< 0.5
Phenanthrene	0.5	mg/kg	-	< 0.5	-	< 0.5
Pyrene	0.5	mg/kg	-	< 0.5	-	< 0.5
Total PAH*	0.5	mg/kg	-	< 0.5	-	< 0.5
2-Fluorobiphenyl (surr.)	1	%	-	98	-	68
p-Terphenyl-d14 (surr.)	1	%	-	93	-	63
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	-	-	< 0.1
4.4'-DDD	0.05	mg/kg	-	-	-	< 0.05
4.4'-DDE	0.05	mg/kg	-	-	-	< 0.05
4.4'-DDT	0.05	mg/kg	-	-	-	< 0.05
a-HCH	0.05	mg/kg	-	-	-	< 0.05
Aldrin	0.05	mg/kg	-	-	-	< 0.05
b-HCH	0.05	mg/kg	-	-	-	< 0.05
d-HCH	0.05	mg/kg	-	-	-	< 0.05
Dieldrin	0.05	mg/kg	-	-	-	< 0.05
Endosulfan I	0.05	mg/kg	-	-	-	< 0.05
Endosulfan II	0.05	mg/kg	-	-	-	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	-	-	< 0.05
Endrin	0.05	mg/kg	-	-	-	< 0.05
Endrin aldehyde	0.05	mg/kg	-	-	-	< 0.05
Endrin ketone	0.05	mg/kg	-	-	-	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	-	-	< 0.05
Heptachlor	0.05	mg/kg	-	-	-	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	-	-	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	-	-	< 0.05
Methoxychlor	0.05	mg/kg	-	-	-	< 0.05
Toxaphene	0.5	mg/kg	-	-	-	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	-	-	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	-	-	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	-	-	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	-	-	84
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	66

Client Sample ID			Trip Spike	TP103_0.3	TP108_0.5	TP112_0.3
Sample Matrix			Trip Spike (solid)	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010771	S25-Jn0010779	S25-Jn0010787	S25-Jn0010791
Date Sampled			May 29, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	-	-	< 0.2
Bolstar	0.2	mg/kg	-	-	-	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	-	-	< 0.2
Chlorpyrifos	0.2	mg/kg	-	-	-	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	-	-	< 0.2
Coumaphos	2	mg/kg	-	-	-	< 2
Demeton-S	0.2	mg/kg	-	-	-	< 0.2
Demeton-O	0.2	mg/kg	-	-	-	< 0.2
Diazinon	0.2	mg/kg	-	-	-	< 0.2
Dichlorvos	0.2	mg/kg	-	-	-	< 0.2
Dimethoate	0.2	mg/kg	-	-	-	< 0.2
Disulfoton	0.2	mg/kg	-	-	-	< 0.2
EPN	0.2	mg/kg	-	-	-	< 0.2
Ethion	0.2	mg/kg	-	-	-	< 0.2
Ethoprop	0.2	mg/kg	-	-	-	< 0.2
Ethyl parathion	0.2	mg/kg	-	-	-	< 0.2
Fenitrothion	0.2	mg/kg	-	-	-	< 0.2
Fensulfothion	0.2	mg/kg	-	-	-	< 0.2
Fenthion	0.2	mg/kg	-	-	-	< 0.2
Malathion	0.2	mg/kg	-	-	-	< 0.2
Merphos	0.2	mg/kg	-	-	-	< 0.2
Methyl parathion	0.2	mg/kg	-	-	-	< 0.2
Mevinphos	0.2	mg/kg	-	-	-	< 0.2
Monocrotophos	2	mg/kg	-	-	-	< 2
Naled	0.2	mg/kg	-	-	-	< 0.2
Omethoate	2	mg/kg	-	-	-	< 2
Phorate	0.2	mg/kg	-	-	-	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	-	-	< 0.2
Pyrazophos	0.2	mg/kg	-	-	-	< 0.2
Ronnel	0.2	mg/kg	-	-	-	< 0.2
Terbufos	0.2	mg/kg	-	-	-	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	-	-	< 0.2
Tokuthion	0.2	mg/kg	-	-	-	< 0.2
Trichloronate	0.2	mg/kg	-	-	-	< 0.2
Triphenylphosphate (surr.)	1	%	-	-	-	67
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1221	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1232	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1242	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1248	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1254	0.1	mg/kg	-	-	-	< 0.1
Aroclor-1260	0.1	mg/kg	-	-	-	< 0.1
Total PCB*	0.1	mg/kg	-	-	-	< 0.1
Dibutylchlorendate (surr.)	1	%	-	-	-	84
Tetrachloro-m-xylene (surr.)	1	%	-	-	-	66

Client Sample ID			Trip Spike	TP103_0.3	TP108_0.5	TP112_0.3
Sample Matrix			Trip Spike (solid)	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010771	S25-Jn0010779	S25-Jn0010787	S25-Jn0010791
Date Sampled			May 29, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	-	-	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	-	-	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	-	-	< 1
2.4.6-Trichlorophenol	1	mg/kg	-	-	-	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	-	-	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	-	-	< 1
Pentachlorophenol	1	mg/kg	-	-	-	< 1
Tetrachlorophenols - Total	10	mg/kg	-	-	-	< 10
Total Halogenated Phenol*	1	mg/kg	-	-	-	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	-	-	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	-	-	< 5
2-Nitrophenol	1	mg/kg	-	-	-	< 1
2.4-Dimethylphenol	0.5	mg/kg	-	-	-	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	-	-	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	-	-	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	-	-	< 0.4
Total cresols*	0.5	mg/kg	-	-	-	< 0.5
4-Nitrophenol	5	mg/kg	-	-	-	< 5
Dinoseb	20	mg/kg	-	-	-	< 20
Phenol	0.5	mg/kg	-	-	-	< 0.5
Phenol-d6 (surr.)	1	%	-	-	-	60
Total Non-Halogenated Phenol*	20	mg/kg	-	-	-	< 20
Heavy Metals						
Arsenic	2	mg/kg	-	2.6	-	< 2
Cadmium	0.4	mg/kg	-	< 0.4	-	< 0.4
Chromium	5	mg/kg	-	< 5	-	7.9
Copper	5	mg/kg	-	140	-	94
Lead	5	mg/kg	-	9.6	-	17
Mercury	0.1	mg/kg	-	< 0.1	-	< 0.1
Nickel	5	mg/kg	-	< 5	-	5.2
Zinc	5	mg/kg	-	28	-	19
Sample Properties						
% Moisture	1	%	-	28	-	17
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	-	-	< 10
13C2-6:2 FTSA (surr.)	1	%	-	-	-	94
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	-	-	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	-	-	< 5
18O2-PFHxS (surr.)	1	%	-	-	-	165
13C8-PFOS (surr.)	1	%	-	-	-	141
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	-	-	< 5
13C8-PFOA (surr.)	1	%	-	-	-	130
Sum (PFHxS + PFOS)*	5	ug/kg	-	-	-	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	-	-	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	-	-	< 5

Client Sample ID			Trip Spike	TP103_0.3	TP108_0.5	TP112_0.3
Sample Matrix			Trip Spike (solid)	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010771	S25-Jn0010779	S25-Jn0010787	S25-Jn0010791
Date Sampled			May 29, 2025	May 27, 2025	May 27, 2025	May 27, 2025
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	7.2	5.4
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	5.6	4.2
Reaction Ratings*[S05]	0	comment	-	-	2.0	2.0
TRH C6-C10	1	%	93	-	-	-
Total Recoverable Hydrocarbons						
Naphthalene	1	%	89	-	-	-
TRH C6-C9	1	%	87	-	-	-
BTEX						
Benzene	1	%	91	-	-	-
Ethylbenzene	1	%	89	-	-	-
m&p-Xylenes	1	%	78	-	-	-
o-Xylene	1	%	82	-	-	-
Toluene	1	%	84	-	-	-
Xylenes - Total	1	%	80	-	-	-
4-Bromofluorobenzene (surr.)	1	%	100	-	-	-

Client Sample ID			TP112_0.5	TP113_0.3	TP115_0.5	TP118_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010792	S25-Jn0010794	S25-Jn0010798	S25-Jn0010806
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	-	< 20	< 20	-
TRH C10-C14	20	mg/kg	-	< 20	< 20	-
TRH C15-C28	50	mg/kg	-	< 50	< 50	-
TRH C29-C36	50	mg/kg	-	< 50	< 50	-
TRH C10-C36 (Total)	50	mg/kg	-	< 50	< 50	-
TRH C6-C10	20	mg/kg	-	< 20	< 20	-
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	-	< 20	< 20	-
TRH >C10-C16	50	mg/kg	-	< 50	< 50	-
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	-	< 50	< 50	-
Naphthalene[N02]	0.5	mg/kg	-	< 0.5	< 0.5	-
TRH >C16-C34	100	mg/kg	-	< 100	< 100	-
TRH >C34-C40	100	mg/kg	-	< 100	< 100	-
TRH >C10-C40 (total)*	100	mg/kg	-	< 100	< 100	-
BTEX						
Benzene	0.1	mg/kg	-	< 0.1	< 0.1	-
Toluene	0.1	mg/kg	-	< 0.1	< 0.1	-
Ethylbenzene	0.1	mg/kg	-	< 0.1	< 0.1	-
m&p-Xylenes	0.2	mg/kg	-	< 0.2	< 0.2	-
o-Xylene	0.1	mg/kg	-	< 0.1	< 0.1	-
Xylenes - Total*	0.3	mg/kg	-	< 0.3	< 0.3	-
4-Bromofluorobenzene (surr.)	1	%	-	85	87	-

Client Sample ID			TP112_0.5	TP113_0.3	TP115_0.5	TP118_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010792	S25-Jn0010794	S25-Jn0010798	S25-Jn0010806
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	< 0.5	< 0.5	-
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	0.6	0.6	-
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	1.2	1.2	-
Acenaphthene	0.5	mg/kg	-	< 0.5	< 0.5	-
Acenaphthylene	0.5	mg/kg	-	< 0.5	< 0.5	-
Anthracene	0.5	mg/kg	-	< 0.5	< 0.5	-
Benz(a)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	-
Benzo(a)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	-
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	< 0.5	< 0.5	-
Benzo(g.h.i)perylene	0.5	mg/kg	-	< 0.5	< 0.5	-
Benzo(k)fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	-
Chrysene	0.5	mg/kg	-	< 0.5	< 0.5	-
Dibenz(a.h)anthracene	0.5	mg/kg	-	< 0.5	< 0.5	-
Fluoranthene	0.5	mg/kg	-	< 0.5	< 0.5	-
Fluorene	0.5	mg/kg	-	< 0.5	< 0.5	-
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	< 0.5	< 0.5	-
Naphthalene	0.5	mg/kg	-	< 0.5	< 0.5	-
Phenanthrene	0.5	mg/kg	-	< 0.5	< 0.5	-
Pyrene	0.5	mg/kg	-	< 0.5	< 0.5	-
Total PAH*	0.5	mg/kg	-	< 0.5	< 0.5	-
2-Fluorobiphenyl (surr.)	1	%	-	105	97	-
p-Terphenyl-d14 (surr.)	1	%	-	94	90	-
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	< 0.1	-
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	-
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	-
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	-
a-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	-
b-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
d-HCH	0.05	mg/kg	-	< 0.05	< 0.05	-
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	-
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	-
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	-
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	-
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	-
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	-
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	-
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	-
Toxaphene	0.5	mg/kg	-	< 0.5	< 0.5	-
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	-
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	-
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	-
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	112	94	-
Tetrachloro-m-xylene (surr.)	1	%	-	96	90	-

Client Sample ID			TP112_0.5	TP113_0.3	TP115_0.5	TP118_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010792	S25-Jn0010794	S25-Jn0010798	S25-Jn0010806
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	-
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Coumaphos	2	mg/kg	-	< 2	< 2	-
Demeton-S	0.2	mg/kg	-	< 0.2	< 0.2	-
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	-
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	-
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	-
Dimethoate	0.2	mg/kg	-	< 0.2	< 0.2	-
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	-
EPN	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	-
Ethyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	-
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Malathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	-
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Monocrotophos	2	mg/kg	-	< 2	< 2	-
Naled	0.2	mg/kg	-	< 0.2	< 0.2	-
Omethoate	2	mg/kg	-	< 2	< 2	-
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	-
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	-
Pyrazophos	0.2	mg/kg	-	< 0.2	< 0.2	-
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	-
Terbufos	0.2	mg/kg	-	< 0.2	< 0.2	-
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	< 0.2	-
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	-
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	-
Triphenylphosphate (surr.)	1	%	-	104	94	-
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1221	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1232	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1242	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1248	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1254	0.1	mg/kg	-	< 0.1	< 0.1	-
Aroclor-1260	0.1	mg/kg	-	< 0.1	< 0.1	-
Total PCB*	0.1	mg/kg	-	< 0.1	< 0.1	-
Dibutylchlorendate (surr.)	1	%	-	112	94	-
Tetrachloro-m-xylene (surr.)	1	%	-	96	90	-

Client Sample ID			TP112_0.5	TP113_0.3	TP115_0.5	TP118_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010792	S25-Jn0010794	S25-Jn0010798	S25-Jn0010806
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	-
2.4-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	-
2.4.5-Trichlorophenol	1	mg/kg	-	< 1	< 1	-
2.4.6-Trichlorophenol	1	mg/kg	-	< 1	< 1	-
2.6-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	-
4-Chloro-3-methylphenol	1	mg/kg	-	< 1	< 1	-
Pentachlorophenol	1	mg/kg	-	< 1	< 1	-
Tetrachlorophenols - Total	10	mg/kg	-	< 10	< 10	-
Total Halogenated Phenol*	1	mg/kg	-	< 1	< 1	-
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	< 20	< 20	-
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	< 5	< 5	-
2-Nitrophenol	1	mg/kg	-	< 1	< 1	-
2.4-Dimethylphenol	0.5	mg/kg	-	< 0.5	< 0.5	-
2.4-Dinitrophenol	5	mg/kg	-	< 5	< 5	-
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	< 0.2	-
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	< 0.4	-
Total cresols*	0.5	mg/kg	-	< 0.5	< 0.5	-
4-Nitrophenol	5	mg/kg	-	< 5	< 5	-
Dinoseb	20	mg/kg	-	< 20	< 20	-
Phenol	0.5	mg/kg	-	< 0.5	< 0.5	-
Phenol-d6 (surr.)	1	%	-	85	82	-
Total Non-Halogenated Phenol*	20	mg/kg	-	< 20	< 20	-
Heavy Metals						
Arsenic	2	mg/kg	-	2.3	2.8	-
Cadmium	0.4	mg/kg	-	< 0.4	< 0.4	-
Chromium	5	mg/kg	-	7.0	< 5	-
Copper	5	mg/kg	-	62	180	-
Lead	5	mg/kg	-	21	18	-
Mercury	0.1	mg/kg	-	< 0.1	< 0.1	-
Nickel	5	mg/kg	-	5.3	< 5	-
Zinc	5	mg/kg	-	38	61	-
Sample Properties						
% Moisture	1	%	-	19	20	-
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	-	< 10	-
13C2-6:2 FTSA (surr.)	1	%	-	-	117	-
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	-	< 5	-
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	-	< 5	-
18O2-PFHxS (surr.)	1	%	-	-	157	-
13C8-PFOS (surr.)	1	%	-	-	140	-
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	-	< 5	-
13C8-PFOA (surr.)	1	%	-	-	140	-
Sum (PFHxS + PFOS)*	5	ug/kg	-	-	< 5	-
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	-	< 5	-
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	-	< 5	-

Client Sample ID			TP112_0.5	TP113_0.3	TP115_0.5	TP118_0.3
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010792	S25-Jn0010794	S25-Jn0010798	S25-Jn0010806
Date Sampled			May 27, 2025	May 27, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	6.8	-	-	5.7
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	7.0	-	-	4.2
Reaction Ratings*[S05]	0	comment	4.0	-	-	2.0

Client Sample ID			TP118_0.5	TP118_1.5	TP118_2	TP122_2.7
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010807	S25-Jn0010808	S25-Jn0010809	S25-Jn0010820
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	-	-	-	< 20
TRH C10-C14	20	mg/kg	-	-	-	< 20
TRH C15-C28	50	mg/kg	-	-	-	< 50
TRH C29-C36	50	mg/kg	-	-	-	< 50
TRH C10-C36 (Total)	50	mg/kg	-	-	-	< 50
TRH C6-C10	20	mg/kg	-	-	-	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	-	-	-	< 20
TRH >C10-C16	50	mg/kg	-	-	-	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	-	-	-	< 50
Naphthalene[N02]	0.5	mg/kg	-	-	-	< 0.5
TRH >C16-C34	100	mg/kg	-	-	-	< 100
TRH >C34-C40	100	mg/kg	-	-	-	< 100
TRH >C10-C40 (total)*	100	mg/kg	-	-	-	< 100
BTEX						
Benzene	0.1	mg/kg	-	-	-	< 0.1
Toluene	0.1	mg/kg	-	-	-	< 0.1
Ethylbenzene	0.1	mg/kg	-	-	-	< 0.1
m&p-Xylenes	0.2	mg/kg	-	-	-	< 0.2
o-Xylene	0.1	mg/kg	-	-	-	< 0.1
Xylenes - Total*	0.3	mg/kg	-	-	-	< 0.3
4-Bromofluorobenzene (surr.)	1	%	-	-	-	113
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	-	-	-	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	-	-	-	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	-	-	-	1.2
Acenaphthene	0.5	mg/kg	-	-	-	< 0.5
Acenaphthylene	0.5	mg/kg	-	-	-	< 0.5
Anthracene	0.5	mg/kg	-	-	-	< 0.5
Benz(a)anthracene	0.5	mg/kg	-	-	-	< 0.5
Benzo(a)pyrene	0.5	mg/kg	-	-	-	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	-	-	-	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	-	-	-	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	-	-	-	< 0.5
Chrysene	0.5	mg/kg	-	-	-	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	-	-	-	< 0.5
Fluoranthene	0.5	mg/kg	-	-	-	< 0.5
Fluorene	0.5	mg/kg	-	-	-	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	-	-	-	< 0.5

Client Sample ID			TP118_0.5	TP118_1.5	TP118_2	TP122_2.7
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010807	S25-Jn0010808	S25-Jn0010809	S25-Jn0010820
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons						
Naphthalene	0.5	mg/kg	-	-	-	< 0.5
Phenanthrene	0.5	mg/kg	-	-	-	< 0.5
Pyrene	0.5	mg/kg	-	-	-	< 0.5
Total PAH*	0.5	mg/kg	-	-	-	< 0.5
2-Fluorobiphenyl (surr.)	1	%	-	-	-	110
p-Terphenyl-d14 (surr.)	1	%	-	-	-	98
Heavy Metals						
Arsenic	2	mg/kg	-	-	-	4.6
Cadmium	0.4	mg/kg	-	-	-	< 0.4
Chromium	5	mg/kg	-	-	-	< 5
Copper	5	mg/kg	-	-	-	160
Lead	5	mg/kg	-	-	-	7.3
Mercury	0.1	mg/kg	-	-	-	< 0.1
Nickel	5	mg/kg	-	-	-	< 5
Zinc	5	mg/kg	-	-	-	58
Sample Properties						
% Moisture	1	%	-	-	-	17
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	5.5	6.0	5.8	-
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	4.1	4.0	4.1	-
Reaction Ratings*[S05]	0	comment	2.0	4.0	4.0	-

Client Sample ID			TP123_1	TP123_1.5	TP123_2.5	TP123_3.5
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010821	S25-Jn0010822	S25-Jn0010823	S25-Jn0010824
Date Sampled			May 28, 2025	May 28, 2025	May 28, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	6.0	6.0	5.7	5.6
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	3.8	4.0	4.0	4.1
Reaction Ratings*[S05]	0	comment	3.0	4.0	2.0	2.0

Client Sample ID			TP124_0.3	HA102_0.9	QA102	QA201
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010825	S25-Jn0010836	S25-Jn0010841	S25-Jn0010845
Date Sampled			May 28, 2025	May 29, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH C6-C9	20	mg/kg	< 20	< 20	< 20	< 20
TRH C10-C14	20	mg/kg	< 20	< 20	< 20	< 20
TRH C15-C28	50	mg/kg	< 50	< 50	< 50	< 50
TRH C29-C36	50	mg/kg	< 50	< 50	52	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50	< 50	52	< 50
TRH C6-C10	20	mg/kg	< 20	< 20	< 20	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20	< 20	< 20	< 20
TRH >C10-C16	50	mg/kg	< 50	< 50	< 50	< 50

Client Sample ID			TP124_0.3	HA102_0.9	QA102	QA201
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010825	S25-Jn0010836	S25-Jn0010841	S25-Jn0010845
Date Sampled			May 28, 2025	May 29, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Total Recoverable Hydrocarbons						
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50	< 50	< 50	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
TRH >C16-C34	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C34-C40	100	mg/kg	< 100	< 100	< 100	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100	< 100	< 100	< 100
BTEX						
Benzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Toluene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2
o-Xylene	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3
4-Bromofluorobenzene (surr.)	1	%	107	62	93	77
Polycyclic Aromatic Hydrocarbons						
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6	0.6	0.6	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2	1.2	1.2	1.2
Acenaphthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Chrysene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Fluorene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Naphthalene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Pyrene	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
Total PAH*	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5
2-Fluorobiphenyl (surr.)	1	%	110	108	82	96
p-Terphenyl-d14 (surr.)	1	%	98	96	75	110
Organochlorine Pesticides						
Chlordanes - Total	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
4.4'-DDD	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDE	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
4.4'-DDT	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
a-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Aldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
b-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
d-HCH	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Dieldrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan I	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan II	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endosulfan sulphate	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05

Client Sample ID			TP124_0.3	HA102_0.9	QA102	QA201
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010825	S25-Jn0010836	S25-Jn0010841	S25-Jn0010845
Date Sampled			May 28, 2025	May 29, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides						
Endrin	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin aldehyde	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Endrin ketone	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
g-HCH (Lindane)	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Heptachlor epoxide	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Methoxychlor	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Toxaphene	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	-	< 0.05	< 0.05	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	97	INT	82
Tetrachloro-m-xylene (surr.)	1	%	-	100	76	105
Organophosphorus Pesticides						
Azinphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Bolstar	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorfenvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Coumaphos	2	mg/kg	-	< 2	< 2	< 2
Demeton-S	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Demeton-O	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Diazinon	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dichlorvos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Dimethoate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Disulfoton	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
EPN	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethoprop	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ethyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenitrothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fensulfothion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Fenthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Malathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Merphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Methyl parathion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Mevinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Monocrotophos	2	mg/kg	-	< 2	< 2	< 2
Naled	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Omethoate	2	mg/kg	-	< 2	< 2	< 2
Phorate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pirimiphos-methyl	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Pyrazophos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Ronnel	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Terbufos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Tetrachlorvinphos	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Tokuthion	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2

Client Sample ID			TP124_0.3	HA102_0.9	QA102	QA201
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010825	S25-Jn0010836	S25-Jn0010841	S25-Jn0010845
Date Sampled			May 28, 2025	May 29, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides						
Trichloronate	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
Triphenylphosphate (surr.)	1	%	-	103	57	97
Polychlorinated Biphenyls						
Aroclor-1016	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1221	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1232	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1242	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1248	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1254	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Aroclor-1260	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Total PCB*	0.1	mg/kg	-	< 0.1	< 0.1	< 0.1
Dibutylchlorendate (surr.)	1	%	-	97	INT	82
Tetrachloro-m-xylene (surr.)	1	%	-	100	76	105
Phenols (Halogenated)						
2-Chlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	-	< 1	< 1	< 1
2.4.6-Trichlorophenol	1	mg/kg	-	< 1	< 1	< 1
2.6-Dichlorophenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	-	< 1	< 1	< 1
Pentachlorophenol	1	mg/kg	-	< 1	< 1	< 1
Tetrachlorophenols - Total	10	mg/kg	-	< 10	< 10	< 10
Total Halogenated Phenol*	1	mg/kg	-	< 1	< 1	< 1
Phenols (non-Halogenated)						
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	-	< 20	< 20	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	-	< 5	< 5	< 5
2-Nitrophenol	1	mg/kg	-	< 1	< 1	< 1
2.4-Dimethylphenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
2.4-Dinitrophenol	5	mg/kg	-	< 5	< 5	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	-	< 0.2	< 0.2	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	-	< 0.4	< 0.4	< 0.4
Total cresols*	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
4-Nitrophenol	5	mg/kg	-	< 5	< 5	< 5
Dinoseb	20	mg/kg	-	< 20	< 20	< 20
Phenol	0.5	mg/kg	-	< 0.5	< 0.5	< 0.5
Phenol-d6 (surr.)	1	%	-	89	63	75
Total Non-Halogenated Phenol*	20	mg/kg	-	< 20	< 20	< 20
Heavy Metals						
Arsenic	2	mg/kg	2.0	2.5	7.1	6.4
Cadmium	0.4	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4
Chromium	5	mg/kg	< 5	< 5	19	16
Copper	5	mg/kg	120	180	42	110
Lead	5	mg/kg	13	27	24	35
Mercury	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.3
Nickel	5	mg/kg	< 5	< 5	22	11
Zinc	5	mg/kg	30	54	78	160
Sample Properties						
% Moisture	1	%	30	27	11	37

Client Sample ID			TP124_0.3	HA102_0.9	QA102	QA201
Sample Matrix			Soil	Soil	Soil	Soil
Eurofins Sample No.			S25-Jn0010825	S25-Jn0010836	S25-Jn0010841	S25-Jn0010845
Date Sampled			May 28, 2025	May 29, 2025	May 27, 2025	May 28, 2025
Test/Reference	LOR	Unit				
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	-	< 10	< 10	< 10
13C2-6:2 FTSA (surr.)	1	%	-	97	88	108
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	-	< 5	< 5	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	-	< 5	< 5	< 5
18O2-PFHxS (surr.)	1	%	-	154	136	146
13C8-PFOS (surr.)	1	%	-	158	156	125
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	-	< 5	< 5	< 5
13C8-PFOA (surr.)	1	%	-	132	129	117
Sum (PFHxS + PFOS)*	5	ug/kg	-	< 5	< 5	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	-	< 5	< 5	< 5
Acid Sulfate Soils Field pH Test						
pH-F (Field pH test)*	0.1	pH Units	-	-	-	7.4
pH-FOX (Field pH Peroxide test)*	0.1	pH Units	-	-	-	4.5
Reaction Ratings*[S05]	0	comment	-	-	-	4.0

Client Sample ID			SP1
Sample Matrix			Soil
Eurofins Sample No.			S25-Jn0011756
Date Sampled			May 27, 2025
Test/Reference	LOR	Unit	
Total Recoverable Hydrocarbons			
TRH C6-C9	20	mg/kg	< 20
TRH C10-C14	20	mg/kg	< 20
TRH C15-C28	50	mg/kg	< 50
TRH C29-C36	50	mg/kg	< 50
TRH C10-C36 (Total)	50	mg/kg	< 50
TRH C6-C10	20	mg/kg	< 20
TRH C6-C10 less BTEX (F1)[N04]	20	mg/kg	< 20
TRH >C10-C16	50	mg/kg	< 50
TRH >C10-C16 less Naphthalene (F2)*[N01]	50	mg/kg	< 50
Naphthalene[N02]	0.5	mg/kg	< 0.5
TRH >C16-C34	100	mg/kg	< 100
TRH >C34-C40	100	mg/kg	< 100
TRH >C10-C40 (total)*	100	mg/kg	< 100
BTEX			
Benzene	0.1	mg/kg	< 0.1
Toluene	0.1	mg/kg	< 0.1
Ethylbenzene	0.1	mg/kg	< 0.1
m&p-Xylenes	0.2	mg/kg	< 0.2
o-Xylene	0.1	mg/kg	< 0.1
Xylenes - Total*	0.3	mg/kg	< 0.3
4-Bromofluorobenzene (surr.)	1	%	72

Client Sample ID			SP1
Sample Matrix			Soil
Eurofins Sample No.			S25-Jn0011756
Date Sampled			May 27, 2025
Test/Reference	LOR	Unit	
Polycyclic Aromatic Hydrocarbons			
Benzo(a)pyrene TEQ (lower bound) *	0.5	mg/kg	< 0.5
Benzo(a)pyrene TEQ (medium bound) *	0.5	mg/kg	0.6
Benzo(a)pyrene TEQ (upper bound) *	0.5	mg/kg	1.2
Acenaphthene	0.5	mg/kg	< 0.5
Acenaphthylene	0.5	mg/kg	< 0.5
Anthracene	0.5	mg/kg	< 0.5
Benz(a)anthracene	0.5	mg/kg	< 0.5
Benzo(a)pyrene	0.5	mg/kg	< 0.5
Benzo(b&j)fluoranthene[N07]	0.5	mg/kg	< 0.5
Benzo(g.h.i)perylene	0.5	mg/kg	< 0.5
Benzo(k)fluoranthene	0.5	mg/kg	< 0.5
Chrysene	0.5	mg/kg	< 0.5
Dibenz(a.h)anthracene	0.5	mg/kg	< 0.5
Fluoranthene	0.5	mg/kg	< 0.5
Fluorene	0.5	mg/kg	< 0.5
Indeno(1.2.3-cd)pyrene	0.5	mg/kg	< 0.5
Naphthalene	0.5	mg/kg	< 0.5
Phenanthrene	0.5	mg/kg	< 0.5
Pyrene	0.5	mg/kg	< 0.5
Total PAH*	0.5	mg/kg	< 0.5
2-Fluorobiphenyl (surr.)	1	%	130
p-Terphenyl-d14 (surr.)	1	%	143
Organochlorine Pesticides			
Chlordanes - Total	0.1	mg/kg	< 0.1
4.4'-DDD	0.05	mg/kg	< 0.05
4.4'-DDE	0.05	mg/kg	< 0.05
4.4'-DDT	0.05	mg/kg	< 0.05
a-HCH	0.05	mg/kg	< 0.05
Aldrin	0.05	mg/kg	< 0.05
b-HCH	0.05	mg/kg	< 0.05
d-HCH	0.05	mg/kg	< 0.05
Dieldrin	0.05	mg/kg	< 0.05
Endosulfan I	0.05	mg/kg	< 0.05
Endosulfan II	0.05	mg/kg	< 0.05
Endosulfan sulphate	0.05	mg/kg	< 0.05
Endrin	0.05	mg/kg	< 0.05
Endrin aldehyde	0.05	mg/kg	< 0.05
Endrin ketone	0.05	mg/kg	< 0.05
g-HCH (Lindane)	0.05	mg/kg	< 0.05
Heptachlor	0.05	mg/kg	< 0.05
Heptachlor epoxide	0.05	mg/kg	< 0.05
Hexachlorobenzene	0.05	mg/kg	< 0.05
Methoxychlor	0.05	mg/kg	< 0.05
Toxaphene	0.5	mg/kg	< 0.5
Aldrin and Dieldrin (Total)*	0.05	mg/kg	< 0.05
DDT + DDE + DDD (Total)*	0.05	mg/kg	< 0.05
Vic EPA IWRG 621 OCP (Total)*	0.1	mg/kg	< 0.1
Vic EPA IWRG 621 Other OCP (Total)*	0.1	mg/kg	< 0.1
Dibutylchlorendate (surr.)	1	%	131
Tetrachloro-m-xylene (surr.)	1	%	119

Client Sample ID			SP1
Sample Matrix			Soil
Eurofins Sample No.			S25-Jn0011756
Date Sampled			May 27, 2025
Test/Reference	LOR	Unit	
Organophosphorus Pesticides			
Azinphos-methyl	0.2	mg/kg	< 0.2
Bolstar	0.2	mg/kg	< 0.2
Chlorfenvinphos	0.2	mg/kg	< 0.2
Chlorpyrifos	0.2	mg/kg	< 0.2
Chlorpyrifos-methyl	0.2	mg/kg	< 0.2
Coumaphos	2	mg/kg	< 2
Demeton-S	0.2	mg/kg	< 0.2
Demeton-O	0.2	mg/kg	< 0.2
Diazinon	0.2	mg/kg	< 0.2
Dichlorvos	0.2	mg/kg	< 0.2
Dimethoate	0.2	mg/kg	< 0.2
Disulfoton	0.2	mg/kg	< 0.2
EPN	0.2	mg/kg	< 0.2
Ethion	0.2	mg/kg	< 0.2
Ethoprop	0.2	mg/kg	< 0.2
Ethyl parathion	0.2	mg/kg	< 0.2
Fenitrothion	0.2	mg/kg	< 0.2
Fensulfothion	0.2	mg/kg	< 0.2
Fenthion	0.2	mg/kg	< 0.2
Malathion	0.2	mg/kg	< 0.2
Merphos	0.2	mg/kg	< 0.2
Methyl parathion	0.2	mg/kg	< 0.2
Mevinphos	0.2	mg/kg	< 0.2
Monocrotophos	2	mg/kg	< 2
Naled	0.2	mg/kg	< 0.2
Omethoate	2	mg/kg	< 2
Phorate	0.2	mg/kg	< 0.2
Pirimiphos-methyl	0.2	mg/kg	< 0.2
Pyrazophos	0.2	mg/kg	< 0.2
Ronnel	0.2	mg/kg	< 0.2
Terbufos	0.2	mg/kg	< 0.2
Tetrachlorvinphos	0.2	mg/kg	< 0.2
Tokuthion	0.2	mg/kg	< 0.2
Trichloronate	0.2	mg/kg	< 0.2
Triphenylphosphate (surr.)	1	%	133
Polychlorinated Biphenyls			
Aroclor-1016	0.1	mg/kg	< 0.1
Aroclor-1221	0.1	mg/kg	< 0.1
Aroclor-1232	0.1	mg/kg	< 0.1
Aroclor-1242	0.1	mg/kg	< 0.1
Aroclor-1248	0.1	mg/kg	< 0.1
Aroclor-1254	0.1	mg/kg	< 0.1
Aroclor-1260	0.1	mg/kg	< 0.1
Total PCB*	0.1	mg/kg	< 0.1
Dibutylchlorendate (surr.)	1	%	131
Tetrachloro-m-xylene (surr.)	1	%	119

Client Sample ID			SP1
Sample Matrix			Soil
Eurofins Sample No.			S25-Jn0011756
Date Sampled			May 27, 2025
Test/Reference	LOR	Unit	
Phenols (Halogenated)			
2-Chlorophenol	0.5	mg/kg	< 0.5
2.4-Dichlorophenol	0.5	mg/kg	< 0.5
2.4.5-Trichlorophenol	1	mg/kg	< 1
2.4.6-Trichlorophenol	1	mg/kg	< 1
2.6-Dichlorophenol	0.5	mg/kg	< 0.5
4-Chloro-3-methylphenol	1	mg/kg	< 1
Pentachlorophenol	1	mg/kg	< 1
Tetrachlorophenols - Total	10	mg/kg	< 10
Total Halogenated Phenol*	1	mg/kg	< 1
Phenols (non-Halogenated)			
2-Cyclohexyl-4.6-dinitrophenol	20	mg/kg	< 20
2-Methyl-4.6-dinitrophenol	5	mg/kg	< 5
2-Nitrophenol	1	mg/kg	< 1
2.4-Dimethylphenol	0.5	mg/kg	< 0.5
2.4-Dinitrophenol	5	mg/kg	< 5
2-Methylphenol (o-Cresol)	0.2	mg/kg	< 0.2
3&4-Methylphenol (m&p-Cresol)	0.4	mg/kg	< 0.4
Total cresols*	0.5	mg/kg	< 0.5
4-Nitrophenol	5	mg/kg	< 5
Dinoseb	20	mg/kg	< 20
Phenol	0.5	mg/kg	< 0.5
Phenol-d6 (surr.)	1	%	110
Total Non-Halogenated Phenol*	20	mg/kg	< 20
Heavy Metals			
Arsenic	2	mg/kg	2.2
Cadmium	0.4	mg/kg	< 0.4
Chromium	5	mg/kg	7.2
Copper	5	mg/kg	140
Lead	5	mg/kg	18
Mercury	0.1	mg/kg	< 0.1
Nickel	5	mg/kg	< 5
Zinc	5	mg/kg	58
Sample Properties			
% Moisture	1	%	32
Per- and Polyfluoroalkyl Substances (PFASs) - Short			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	10	ug/kg	< 10
13C2-6:2 FTSA (surr.)	1	%	72
Perfluorohexanesulfonic acid (PFHxS)[N11]	5	ug/kg	< 5
Perfluorooctanesulfonic acid (PFOS)[N11]	5	ug/kg	< 5
18O2-PFHxS (surr.)	1	%	162
13C8-PFOS (surr.)	1	%	154
Perfluorooctanoic acid (PFOA)[N11]	5	ug/kg	< 5
13C8-PFOA (surr.)	1	%	125
Sum (PFHxS + PFOS)*	5	ug/kg	< 5
Sum of US EPA PFAS (PFOS + PFOA)*	5	ug/kg	< 5
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	5	ug/kg	< 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
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			
Polycyclic Aromatic Hydrocarbons	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Organochlorine Pesticides	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Organophosphorus Pesticides	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS			
Polychlorinated Biphenyls	Sydney	Jun 11, 2025	28 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water			
Phenols (Halogenated)	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Phenols (non-Halogenated)	Sydney	Jun 11, 2025	14 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water			
Metals M8	Sydney	Jun 11, 2025	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Total Recoverable Hydrocarbons	Sydney	Jun 06, 2025	14 Days
- Method: LTM-ORG-2010 TRH C6-C40			
% Moisture	Sydney	Jun 11, 2025	14 Days
- Method: LTM-GEN-7080 Moisture			
Per- and Polyfluoroalkyl Substances (PFASs) - Short	Sydney	Jun 13, 2025	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Acid Sulfate Soils Field pH Test	Sydney	Jun 11, 2025	7 Days
- Method: LTM-GEN-7060 Determination of field pH (pHF) and field pH peroxide (pHFOX) tests			

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Eurofins Environment Testing Australia Pty Ltd
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Dandenong South	Grovedale	Girraween	Mitchell	Murarrie	Mayfield West
VIC 3175	VIC 3216	NSW 2145	ACT 2911	QLD 4172	NSW 2304
+61 3 8564 5000	+61 3 8564 5000	+61 2 9900 8400	+61 2 6113 8091	+61 7 3902 4600	+61 2 4968 8448
NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Site# 2370 & 2554

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NZBN: 9429046024954

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Penrose	Mount Wellington	Rolleston	Gate Pa
Auckland 1061	Auckland 1061	Christchurch 7675	Tauranga 3112
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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
External Laboratory										X													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																		
1	TP101_0.1	May 27, 2025		Soil	S25-Jn0010706	X								X						X			X
2	TP102_0.1	May 27, 2025		Soil	S25-Jn0010707									X						X			X
3	TP103_0.1	May 27, 2025		Soil	S25-Jn0010708	X								X						X			X
4	TP104_0.1	May 27, 2025		Soil	S25-Jn0010709									X	X					X			
5	TP105_0.1	May 27, 2025		Soil	S25-Jn0010710									X	X					X			
6	TP106_0.1	May 27, 2025		Soil	S25-Jn0010711									X	X					X			
7	TP107_0.1	May 27, 2025		Soil	S25-Jn0010712	X								X						X			X
8	TP108_0.1	May 27, 2025		Soil	S25-Jn0010713	X					X			X		X				X			
9	TP108_0.3	May 27, 2025		Soil	S25-Jn0010714						X			X									X
10	TP108_1	May 27, 2025		Soil	S25-Jn0010715						X			X		X							
11	TP109_0.1	May 27, 2025		Soil	S25-Jn0010716								X	X			X			X			
12	TP110_0.1	May 27, 2025		Soil	S25-Jn0010717	X								X						X			X
13	TP110_0.5	May 27, 2025		Soil	S25-Jn0010718				X														

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Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Eurofins Environment Testing NZ Ltd
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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

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Address: Level 9, The Forum, 203 Pacific Highway
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Order No.:
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Received: Jun 3, 2025 3:39 PM
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Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
14	TP111_0.1	May 27, 2025		Soil	S25-Jn0010719	X								X						X			X
15	TP111_0.3	May 27, 2025		Soil	S25-Jn0010720	X								X		X							
16	TP111_1.1	May 27, 2025		Soil	S25-Jn0010721				X														
17	TP112_0.1	May 27, 2025		Soil	S25-Jn0010722						X			X						X			X
18	TP113_0.1	May 27, 2025		Soil	S25-Jn0010723								X	X				X		X			
19	TP114_0.1	May 27, 2025		Soil	S25-Jn0010724									X	X					X			
20	TP115_0.1	May 27, 2025		Soil	S25-Jn0010725	X								X						X			X
21	TP115_0.3	May 27, 2025		Soil	S25-Jn0010726									X		X							
22	TP115_2	May 27, 2025		Soil	S25-Jn0010727				X														
23	TP116_0.1	May 28, 2025		Soil	S25-Jn0010728	X								X						X			X
24	TP116_0.5	May 28, 2025		Soil	S25-Jn0010729	X								X		X							
25	TP117_0.1	May 28, 2025		Soil	S25-Jn0010730	X								X		X				X			
26	TP117_0.5	May 28, 2025		Soil	S25-Jn0010731	X								X						X			X
27	TP118_0.1	May 28, 2025		Soil	S25-Jn0010732	X					X		X	X				X		X			
28	TP118_1	May 28, 2025		Soil	S25-Jn0010733	X					X			X						X			X
29	TP119_0.1	May 28, 2025		Soil	S25-Jn0010734	X								X						X			X

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Melbourne	Geelong	Sydney	Canberra	Brisbane	Newcastle
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
30	TP120_0.1	May 28, 2025		Soil	S25-Jn0010735	X								X						X			X
31	TP121_0.1	May 28, 2025		Soil	S25-Jn0010736	X								X						X			X
32	TP121_0.3	May 28, 2025		Soil	S25-Jn0010737	X								X				X					
33	TP121_0.7	May 28, 2025		Soil	S25-Jn0010738			X															
34	TP122_0.1	May 28, 2025		Soil	S25-Jn0010739	X																	
35	TP122_0.3	May 28, 2025		Soil	S25-Jn0010740									X						X		X	
36	TP123_0.1	May 28, 2025		Soil	S25-Jn0010741	X					X			X						X			X
37	TP123_0.5	May 28, 2025		Soil	S25-Jn0010742	X					X			X		X				X			
38	TP124_0.1	May 28, 2025		Soil	S25-Jn0010743	X								X						X			X
39	TP125_0.1	May 28, 2025		Soil	S25-Jn0010744	X								X						X			X
40	TP125_0.3	May 28, 2025		Soil	S25-Jn0010745	X						X		X									
41	TP126_0.1	May 28, 2025		Soil	S25-Jn0010746	X								X						X			X
42	TP127_0.1	May 28, 2025		Soil	S25-Jn0010747	X								X						X			X
43	HA101_0.1	May 28, 2025		Soil	S25-Jn0010748	X								X						X			X
44	HA102_0.1	May 28, 2025		Soil	S25-Jn0010749	X								X						X			X
45	HA102-ACM-	May 29, 2025		Building	S25-Jn0010750		X																

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Eurofins Analytical Services Manager : Roopesh Rangarajan

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	0-0.2			Materials																			
46	HA103_0.1	May 29, 2025		Soil	S25-Jn0010751	X								X						X			X
47	SED-1	May 29, 2025		Soil	S25-Jn0010755									X									X
48	SED-2	May 29, 2025		Soil	S25-Jn0010756									X									X
49	SED-3	May 29, 2025		Soil	S25-Jn0010757									X									X
50	QA300	May 29, 2025		Soil	S25-Jn0010760									X						X			X
51	QC300	May 29, 2025		Soil	S25-Jn0010761					X													
52	QA100	May 27, 2025		Soil	S25-Jn0010762									X						X			X
53	QC100	May 27, 2025		Soil	S25-Jn0010763					X													
54	QA200	May 28, 2025		Soil	S25-Jn0010764									X						X			X
55	QC200	May 28, 2025		Soil	S25-Jn0010765					X													
56	QA301	May 29, 2025		Soil	S25-Jn0010766									X									X
57	QC301	May 29, 2025		Soil	S25-Jn0010767					X													
58	Rin-H	May 29, 2025		Water	S25-Jn0010768															X			X
59	Rin-SC	May 29, 2025		Water	S25-Jn0010769															X			X
60	Trip Blank	May 29, 2025		Trip Blank	S25-Jn0010770														X				

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
60	Trip Blank	May 29, 2025		Trip Blank (solid)	S25-Jn0010770																		
61	Trip Spike	May 29, 2025		Trip Spike (solid)	S25-Jn0010771																X		
62	TP101_0.3	May 27, 2025		Soil	S25-Jn0010773				X														
63	TP101_0.5	May 27, 2025		Soil	S25-Jn0010774				X														
64	TP101_1	May 27, 2025		Soil	S25-Jn0010775				X														
65	TP101_1.4	May 27, 2025		Soil	S25-Jn0010776				X														
66	TP102_0.3	May 27, 2025		Soil	S25-Jn0010777				X														
67	TP102_0.5	May 27, 2025		Soil	S25-Jn0010778				X														
68	TP103_0.3	May 27, 2025		Soil	S25-Jn0010779									X		X							
69	TP103_0.5	May 27, 2025		Soil	S25-Jn0010780				X														
70	TP104_0.3	May 27, 2025		Soil	S25-Jn0010781				X														
71	TP104_0.5	May 27, 2025		Soil	S25-Jn0010782				X														
72	TP105_0.3	May 27, 2025		Soil	S25-Jn0010783				X														
73	TP105_0.5	May 27, 2025		Soil	S25-Jn0010784				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
74	TP106_0.2	May 27, 2025		Soil	S25-Jn0010785				X														
75	TP107_0.3	May 27, 2025		Soil	S25-Jn0010786				X														
76	TP108_0.5	May 27, 2025		Soil	S25-Jn0010787						X												
77	TP109_0.3	May 27, 2025		Soil	S25-Jn0010788				X														
78	TP110_0.3	May 27, 2025		Soil	S25-Jn0010789				X														
79	TP111_0.7	May 27, 2025		Soil	S25-Jn0010790				X														
80	TP112_0.3	May 27, 2025		Soil	S25-Jn0010791						X			X						X			X
81	TP112_0.5	May 27, 2025		Soil	S25-Jn0010792						X												
82	TP112_1	May 27, 2025		Soil	S25-Jn0010793				X														
83	TP113_0.3	May 27, 2025		Soil	S25-Jn0010794	X								X									X
84	TP113_0.5	May 27, 2025		Soil	S25-Jn0010795				X														
85	TP114_0.3	May 27, 2025		Soil	S25-Jn0010796				X														
86	TP114_0.7	May 27, 2025		Soil	S25-Jn0010797				X														
87	TP115_0.5	May 27, 2025		Soil	S25-Jn0010798	X								X						X			X
88	TP115_1	May 27, 2025		Soil	S25-Jn0010799				X														
89	TP115_1.5	May 27, 2025		Soil	S25-Jn0010800				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
90	TP116_0.3	May 28, 2025		Soil	S25-Jn0010801				X														
91	TP116_1	May 28, 2025		Soil	S25-Jn0010802				X														
92	TP117_0.3	May 28, 2025		Soil	S25-Jn0010803				X														
93	TP117_1	May 28, 2025		Soil	S25-Jn0010804				X														
94	TP117_1.3	May 28, 2025		Soil	S25-Jn0010805				X														
95	TP118_0.3	May 28, 2025		Soil	S25-Jn0010806						X												
96	TP118_0.5	May 28, 2025		Soil	S25-Jn0010807						X												
97	TP118_1.5	May 28, 2025		Soil	S25-Jn0010808						X												
98	TP118_2	May 28, 2025		Soil	S25-Jn0010809						X												
99	TP118_2.5	May 28, 2025		Soil	S25-Jn0010810				X														
100	TP119_0.3	May 28, 2025		Soil	S25-Jn0010811				X														
101	TP119_0.5	May 28, 2025		Soil	S25-Jn0010812				X														
102	TP119_1	May 28, 2025		Soil	S25-Jn0010813				X														
103	TP120_0.3	May 28, 2025		Soil	S25-Jn0010814				X														
104	TP120_0.7	May 28, 2025		Soil	S25-Jn0010815				X														
105	TP122_0.5	May 28, 2025		Soil	S25-Jn0010816				X														

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Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
106	TP122_1	May 28, 2025		Soil	S25-Jn0010817				X														
107	TP122_1.7	May 28, 2025		Soil	S25-Jn0010818				X														
108	TP122_2.2	May 28, 2025		Soil	S25-Jn0010819				X														
109	TP122_2.7	May 28, 2025		Soil	S25-Jn0010820									X		X							
110	TP123_1	May 28, 2025		Soil	S25-Jn0010821						X												
111	TP123_1.5	May 28, 2025		Soil	S25-Jn0010822						X												
112	TP123_2.5	May 28, 2025		Soil	S25-Jn0010823						X												
113	TP123_3.5	May 28, 2025		Soil	S25-Jn0010824						X												
114	TP124_0.3	May 28, 2025		Soil	S25-Jn0010825	X								X		X							
115	TP124_0.8	May 28, 2025		Soil	S25-Jn0010826				X														
116	TP126_0.3	May 28, 2025		Soil	S25-Jn0010827				X														
117	TP126_0.5	May 28, 2025		Soil	S25-Jn0010828				X														
118	TP127_0.3	May 28, 2025		Soil	S25-Jn0010829				X														
119	TP127_0.5	May 28, 2025		Soil	S25-Jn0010830				X														
120	HA101_0.3	May 28, 2025		Soil	S25-Jn0010831				X														
121	HA101_0.5	May 28, 2025		Soil	S25-Jn0010832				X														

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Dandenong South	Grovedale	Girraween	Mitchell	Murarrie	Mayfield West
VIC 3175	VIC 3216	NSW 2145	ACT 2911	QLD 4172	NSW 2304
+61 3 8564 5000	+61 3 8564 5000	+61 2 9900 8400	+61 2 6113 8091	+61 7 3902 4600	+61 2 4968 8448
NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Penrose	Mount Wellington	Rolleston	Gate Pa
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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
122	HA101_1	May 28, 2025		Soil	S25-Jn0010833				X														
123	HA102_0.3	May 29, 2025		Soil	S25-Jn0010834				X														
124	HA102_0.5	May 29, 2025		Soil	S25-Jn0010835				X														
125	HA102_0.9	May 29, 2025		Soil	S25-Jn0010836	X								X						X			X
126	HA103_0.5	May 29, 2025		Soil	S25-Jn0010837				X														
127	HA103_0.8	May 29, 2025		Soil	S25-Jn0010838				X														
128	QA101	May 27, 2025		Soil	S25-Jn0010839				X														
129	QC101	May 27, 2025		Soil	S25-Jn0010840				X														
130	QA102	May 27, 2025		Soil	S25-Jn0010841									X						X			X
131	QC102	May 27, 2025		Soil	S25-Jn0010842					X													
132	QA103	May 27, 2025		Soil	S25-Jn0010843				X														
133	QC103	May 27, 2025		Soil	S25-Jn0010844				X														
134	QA201	May 28, 2025		Soil	S25-Jn0010845						X			X						X			X
135	QC201	May 28, 2025		Soil	S25-Jn0010846					X													
136	Rin-G	May 29, 2025		Soil	S25-Jn0010847				X														
137	Rin-PFAS	May 29, 2025		Water	S25-Jn0010848				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
138	TP118_1.5_B	May 27, 2025		Soil	S25-Jn0011699				X														
139	TP108_0.5_B	May 27, 2025		Soil	S25-Jn0011700				X														
140	SP1	May 27, 2025		Soil	S25-Jn0011756	X								X						X			X
Test Counts						34	1	1	60	6	20	1	3	57	4	10	1	3	1	44	1	1	39

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 (*bis*-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							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/kg	< 0.1			0.1	Pass	
Aroclor-1221	mg/kg	< 0.1			0.1	Pass	
Aroclor-1232	mg/kg	< 0.1			0.1	Pass	
Aroclor-1242	mg/kg	< 0.1			0.1	Pass	
Aroclor-1248	mg/kg	< 0.1			0.1	Pass	
Aroclor-1254	mg/kg	< 0.1			0.1	Pass	
Aroclor-1260	mg/kg	< 0.1			0.1	Pass	
Total PCB*	mg/kg	< 0.1			0.1	Pass	
Method Blank							
Phenols (Halogenated)							
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Tetrachlorophenols - Total	mg/kg	< 10			10	Pass	
Method Blank							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	mg/kg	< 20			20	Pass	
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4-Nitrophenol	mg/kg	< 5			5	Pass	
Dinoseb	mg/kg	< 20			20	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Diazinon	mg/kg	< 0.2			0.2	Pass	
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/kg	< 0.1			0.1	Pass	
Aroclor-1221	mg/kg	< 0.1			0.1	Pass	
Aroclor-1232	mg/kg	< 0.1			0.1	Pass	
Aroclor-1242	mg/kg	< 0.1			0.1	Pass	
Aroclor-1248	mg/kg	< 0.1			0.1	Pass	
Aroclor-1254	mg/kg	< 0.1			0.1	Pass	
Aroclor-1260	mg/kg	< 0.1			0.1	Pass	
Total PCB*	mg/kg	< 0.1			0.1	Pass	
Method Blank							
Phenols (Halogenated)							
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Tetrachlorophenols - Total	mg/kg	< 10			10	Pass	
Method Blank							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	mg/kg	< 20			20	Pass	
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	
4-Nitrophenol	mg/kg	< 5			5	Pass	
Dinoseb	mg/kg	< 20			20	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Heavy Metals							
Arsenic	mg/kg	< 2			2	Pass	
Cadmium	mg/kg	< 0.4			0.4	Pass	
Chromium	mg/kg	< 5			5	Pass	
Copper	mg/kg	< 5			5	Pass	
Lead	mg/kg	< 5			5	Pass	
Mercury	mg/kg	< 0.1			0.1	Pass	
Nickel	mg/kg	< 5			5	Pass	
Zinc	mg/kg	< 5			5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C10-C14	mg/kg	< 20			20	Pass	
TRH C15-C28	mg/kg	< 50			50	Pass	
TRH C29-C36	mg/kg	< 50			50	Pass	
TRH >C10-C16	mg/kg	< 50			50	Pass	
TRH >C16-C34	mg/kg	< 100			100	Pass	
TRH >C34-C40	mg/kg	< 100			100	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/kg	< 0.5			0.5	Pass	
Acenaphthylene	mg/kg	< 0.5			0.5	Pass	
Anthracene	mg/kg	< 0.5			0.5	Pass	
Benz(a)anthracene	mg/kg	< 0.5			0.5	Pass	
Benzo(a)pyrene	mg/kg	< 0.5			0.5	Pass	
Benzo(b&j)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Benzo(g.h.i)perylene	mg/kg	< 0.5			0.5	Pass	
Benzo(k)fluoranthene	mg/kg	< 0.5			0.5	Pass	
Chrysene	mg/kg	< 0.5			0.5	Pass	
Dibenz(a.h)anthracene	mg/kg	< 0.5			0.5	Pass	
Fluoranthene	mg/kg	< 0.5			0.5	Pass	
Fluorene	mg/kg	< 0.5			0.5	Pass	
Indeno(1.2.3-cd)pyrene	mg/kg	< 0.5			0.5	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Phenanthrene	mg/kg	< 0.5			0.5	Pass	
Pyrene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/kg	< 0.1			0.1	Pass	
4.4'-DDD	mg/kg	< 0.05			0.05	Pass	
4.4'-DDE	mg/kg	< 0.05			0.05	Pass	
4.4'-DDT	mg/kg	< 0.05			0.05	Pass	
a-HCH	mg/kg	< 0.05			0.05	Pass	
Aldrin	mg/kg	< 0.05			0.05	Pass	
b-HCH	mg/kg	< 0.05			0.05	Pass	
d-HCH	mg/kg	< 0.05			0.05	Pass	
Dieldrin	mg/kg	< 0.05			0.05	Pass	
Endosulfan I	mg/kg	< 0.05			0.05	Pass	
Endosulfan II	mg/kg	< 0.05			0.05	Pass	
Endosulfan sulphate	mg/kg	< 0.05			0.05	Pass	
Endrin	mg/kg	< 0.05			0.05	Pass	
Endrin aldehyde	mg/kg	< 0.05			0.05	Pass	
Endrin ketone	mg/kg	< 0.05			0.05	Pass	
g-HCH (Lindane)	mg/kg	< 0.05			0.05	Pass	
Heptachlor	mg/kg	< 0.05			0.05	Pass	
Heptachlor epoxide	mg/kg	< 0.05			0.05	Pass	
Hexachlorobenzene	mg/kg	< 0.05			0.05	Pass	
Methoxychlor	mg/kg	< 0.05			0.05	Pass	
Toxaphene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/kg	< 0.2			0.2	Pass	
Bolstar	mg/kg	< 0.2			0.2	Pass	
Chlorfenvinphos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos	mg/kg	< 0.2			0.2	Pass	
Chlorpyrifos-methyl	mg/kg	< 0.2			0.2	Pass	
Coumaphos	mg/kg	< 2			2	Pass	
Demeton-S	mg/kg	< 0.2			0.2	Pass	
Demeton-O	mg/kg	< 0.2			0.2	Pass	
Diazinon	mg/kg	< 0.2			0.2	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dichlorvos	mg/kg	< 0.2			0.2	Pass	
Dimethoate	mg/kg	< 0.2			0.2	Pass	
Disulfoton	mg/kg	< 0.2			0.2	Pass	
EPN	mg/kg	< 0.2			0.2	Pass	
Ethion	mg/kg	< 0.2			0.2	Pass	
Ethoprop	mg/kg	< 0.2			0.2	Pass	
Ethyl parathion	mg/kg	< 0.2			0.2	Pass	
Fenitrothion	mg/kg	< 0.2			0.2	Pass	
Fensulfothion	mg/kg	< 0.2			0.2	Pass	
Fenthion	mg/kg	< 0.2			0.2	Pass	
Malathion	mg/kg	< 0.2			0.2	Pass	
Merphos	mg/kg	< 0.2			0.2	Pass	
Methyl parathion	mg/kg	< 0.2			0.2	Pass	
Mevinphos	mg/kg	< 0.2			0.2	Pass	
Monocrotophos	mg/kg	< 2			2	Pass	
Naled	mg/kg	< 0.2			0.2	Pass	
Omethoate	mg/kg	< 2			2	Pass	
Phorate	mg/kg	< 0.2			0.2	Pass	
Pirimiphos-methyl	mg/kg	< 0.2			0.2	Pass	
Pyrazophos	mg/kg	< 0.2			0.2	Pass	
Ronnel	mg/kg	< 0.2			0.2	Pass	
Terbufos	mg/kg	< 0.2			0.2	Pass	
Tetrachlorvinphos	mg/kg	< 0.2			0.2	Pass	
Tokuthion	mg/kg	< 0.2			0.2	Pass	
Trichloronate	mg/kg	< 0.2			0.2	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/kg	< 0.1			0.1	Pass	
Aroclor-1221	mg/kg	< 0.1			0.1	Pass	
Aroclor-1232	mg/kg	< 0.1			0.1	Pass	
Aroclor-1242	mg/kg	< 0.1			0.1	Pass	
Aroclor-1248	mg/kg	< 0.1			0.1	Pass	
Aroclor-1254	mg/kg	< 0.1			0.1	Pass	
Aroclor-1260	mg/kg	< 0.1			0.1	Pass	
Total PCB*	mg/kg	< 0.1			0.1	Pass	
Method Blank							
Phenols (Halogenated)							
2-Chlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
2.4.5-Trichlorophenol	mg/kg	< 1			1	Pass	
2.4.6-Trichlorophenol	mg/kg	< 1			1	Pass	
2.6-Dichlorophenol	mg/kg	< 0.5			0.5	Pass	
4-Chloro-3-methylphenol	mg/kg	< 1			1	Pass	
Pentachlorophenol	mg/kg	< 1			1	Pass	
Tetrachlorophenols - Total	mg/kg	< 10			10	Pass	
Method Blank							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	mg/kg	< 20			20	Pass	
2-Methyl-4.6-dinitrophenol	mg/kg	< 5			5	Pass	
2-Nitrophenol	mg/kg	< 1			1	Pass	
2.4-Dimethylphenol	mg/kg	< 0.5			0.5	Pass	
2.4-Dinitrophenol	mg/kg	< 5			5	Pass	
2-Methylphenol (o-Cresol)	mg/kg	< 0.2			0.2	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/kg	< 0.4			0.4	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4-Nitrophenol	mg/kg	< 5			5	Pass	
Dinoseb	mg/kg	< 20			20	Pass	
Phenol	mg/kg	< 0.5			0.5	Pass	
Method Blank							
Total Recoverable Hydrocarbons							
TRH C6-C9	mg/kg	< 20			20	Pass	
TRH C6-C10	mg/kg	< 20			20	Pass	
Naphthalene	mg/kg	< 0.5			0.5	Pass	
Method Blank							
BTEX							
Benzene	mg/kg	< 0.1			0.1	Pass	
Toluene	mg/kg	< 0.1			0.1	Pass	
Ethylbenzene	mg/kg	< 0.1			0.1	Pass	
m&p-Xylenes	mg/kg	< 0.2			0.2	Pass	
o-Xylene	mg/kg	< 0.1			0.1	Pass	
Xylenes - Total*	mg/kg	< 0.3			0.3	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/kg	< 10			10	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	< 5			5	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	< 5			5	Pass	
Perfluorooctanoic acid (PFOA)	ug/kg	< 5			5	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	89			70-130	Pass	
Acenaphthylene	%	87			70-130	Pass	
Anthracene	%	103			70-130	Pass	
Benz(a)anthracene	%	82			70-130	Pass	
Benzo(a)pyrene	%	95			70-130	Pass	
Benzo(b&j)fluoranthene	%	79			70-130	Pass	
Benzo(g.h.i)perylene	%	91			70-130	Pass	
Benzo(k)fluoranthene	%	100			70-130	Pass	
Chrysene	%	106			70-130	Pass	
Dibenz(a.h)anthracene	%	97			70-130	Pass	
Fluoranthene	%	97			70-130	Pass	
Fluorene	%	95			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	96			70-130	Pass	
Naphthalene	%	94			70-130	Pass	
Phenanthrene	%	86			70-130	Pass	
Pyrene	%	97			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	91			70-130	Pass	
4.4'-DDD	%	87			70-130	Pass	
4.4'-DDE	%	92			70-130	Pass	
4.4'-DDT	%	89			70-130	Pass	
a-HCH	%	89			70-130	Pass	
Aldrin	%	92			70-130	Pass	
b-HCH	%	78			70-130	Pass	
d-HCH	%	86			70-130	Pass	
Dieldrin	%	88			70-130	Pass	
Endosulfan I	%	86			70-130	Pass	
Endosulfan II	%	83			70-130	Pass	
Endosulfan sulphate	%	97			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endrin	%	99			70-130	Pass	
Endrin aldehyde	%	88			70-130	Pass	
Endrin ketone	%	94			70-130	Pass	
g-HCH (Lindane)	%	93			70-130	Pass	
Heptachlor	%	87			70-130	Pass	
Heptachlor epoxide	%	88			70-130	Pass	
Hexachlorobenzene	%	94			70-130	Pass	
Methoxychlor	%	83			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	113			70-130	Pass	
Dimethoate	%	82			70-130	Pass	
Ethion	%	89			70-130	Pass	
Fenitrothion	%	82			70-130	Pass	
Methyl parathion	%	84			70-130	Pass	
Mevinphos	%	97			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1016	%	83			70-130	Pass	
Aroclor-1260	%	90			70-130	Pass	
LCS - % Recovery							
Phenols (Halogenated)							
2-Chlorophenol	%	89			25-140	Pass	
2.4-Dichlorophenol	%	85			25-140	Pass	
2.4.5-Trichlorophenol	%	95			25-140	Pass	
2.4.6-Trichlorophenol	%	82			25-140	Pass	
2.6-Dichlorophenol	%	90			25-140	Pass	
4-Chloro-3-methylphenol	%	78			25-140	Pass	
Pentachlorophenol	%	81			25-140	Pass	
Tetrachlorophenols - Total	%	84			25-140	Pass	
LCS - % Recovery							
Phenols (non-Halogenated)							
2-Methyl-4.6-dinitrophenol	%	72			25-140	Pass	
2-Nitrophenol	%	77			25-140	Pass	
2.4-Dimethylphenol	%	85			25-140	Pass	
2.4-Dinitrophenol	%	78			25-140	Pass	
2-Methylphenol (o-Cresol)	%	82			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	85			25-140	Pass	
Phenol	%	84			25-140	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	99			70-130	Pass	
Acenaphthylene	%	93			70-130	Pass	
Anthracene	%	102			70-130	Pass	
Benz(a)anthracene	%	96			70-130	Pass	
Benzo(a)pyrene	%	98			70-130	Pass	
Benzo(b&j)fluoranthene	%	100			70-130	Pass	
Benzo(g.h.i)perylene	%	76			70-130	Pass	
Benzo(k)fluoranthene	%	103			70-130	Pass	
Chrysene	%	99			70-130	Pass	
Dibenz(a.h)anthracene	%	91			70-130	Pass	
Fluoranthene	%	104			70-130	Pass	
Fluorene	%	102			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	93			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Naphthalene	%	102			70-130	Pass	
Phenanthrene	%	108			70-130	Pass	
Pyrene	%	110			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	105			70-130	Pass	
4.4'-DDD	%	119			70-130	Pass	
4.4'-DDE	%	96			70-130	Pass	
a-HCH	%	97			70-130	Pass	
Aldrin	%	96			70-130	Pass	
b-HCH	%	105			70-130	Pass	
d-HCH	%	108			70-130	Pass	
Dieldrin	%	105			70-130	Pass	
Endosulfan I	%	103			70-130	Pass	
Endosulfan II	%	98			70-130	Pass	
Endosulfan sulphate	%	100			70-130	Pass	
Endrin	%	78			70-130	Pass	
Endrin ketone	%	99			70-130	Pass	
g-HCH (Lindane)	%	110			70-130	Pass	
Heptachlor epoxide	%	104			70-130	Pass	
Hexachlorobenzene	%	92			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Ethion	%	110			70-130	Pass	
Mevinphos	%	74			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1016	%	74			70-130	Pass	
Aroclor-1260	%	82			70-130	Pass	
LCS - % Recovery							
Phenols (Halogenated)							
2-Chlorophenol	%	98			25-140	Pass	
2.4-Dichlorophenol	%	98			25-140	Pass	
2.4.5-Trichlorophenol	%	80			25-140	Pass	
2.4.6-Trichlorophenol	%	90			25-140	Pass	
2.6-Dichlorophenol	%	107			25-140	Pass	
4-Chloro-3-methylphenol	%	91			25-140	Pass	
Pentachlorophenol	%	114			25-140	Pass	
Tetrachlorophenols - Total	%	115			25-140	Pass	
LCS - % Recovery							
Phenols (non-Halogenated)							
2.4-Dimethylphenol	%	90			25-140	Pass	
2-Methylphenol (o-Cresol)	%	91			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	96			25-140	Pass	
4-Nitrophenol	%	106			25-140	Pass	
Phenol	%	76			25-140	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	95			80-120	Pass	
Cadmium	%	92			80-120	Pass	
Chromium	%	99			80-120	Pass	
Copper	%	99			80-120	Pass	
Lead	%	95			80-120	Pass	
Mercury	%	90			80-120	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Nickel	%	98			80-120	Pass	
Zinc	%	99			80-120	Pass	
LCS - % Recovery							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
Perfluorohexanesulfonic acid (PFHxS)	%	133			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	75			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	72			50-150	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C10-C14	%	89			70-130	Pass	
TRH >C10-C16	%	87			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	81			70-130	Pass	
TRH C6-C10	%	81			70-130	Pass	
Naphthalene	%	87			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	89			70-130	Pass	
Toluene	%	88			70-130	Pass	
Ethylbenzene	%	90			70-130	Pass	
m&p-Xylenes	%	89			70-130	Pass	
o-Xylene	%	90			70-130	Pass	
Xylenes - Total*	%	89			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	100			70-130	Pass	
TRH C6-C10	%	99			70-130	Pass	
Naphthalene	%	97			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	108			70-130	Pass	
Toluene	%	105			70-130	Pass	
Ethylbenzene	%	105			70-130	Pass	
m&p-Xylenes	%	112			70-130	Pass	
o-Xylene	%	108			70-130	Pass	
Xylenes - Total*	%	111			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	97			80-120	Pass	
Cadmium	%	93			80-120	Pass	
Chromium	%	98			80-120	Pass	
Copper	%	100			80-120	Pass	
Lead	%	99			80-120	Pass	
Mercury	%	103			80-120	Pass	
Nickel	%	100			80-120	Pass	
Zinc	%	96			80-120	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C10-C14	%	82			70-130	Pass	
TRH >C10-C16	%	82			70-130	Pass	
LCS - % Recovery							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	124			50-150	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Perfluorohexanesulfonic acid (PFHxS)	%	75			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	88			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	94			50-150	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C10-C14	%	75			70-130	Pass	
TRH >C10-C16	%	76			70-130	Pass	
LCS - % Recovery							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	111			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	66			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	77			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	68			50-150	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	76			70-130	Pass	
TRH C6-C10	%	73			70-130	Pass	
Naphthalene	%	80			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	91			70-130	Pass	
Toluene	%	89			70-130	Pass	
Ethylbenzene	%	83			70-130	Pass	
m&p-Xylenes	%	86			70-130	Pass	
o-Xylene	%	73			70-130	Pass	
Xylenes - Total*	%	82			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	98			70-130	Pass	
Acenaphthylene	%	100			70-130	Pass	
Anthracene	%	91			70-130	Pass	
Benz(a)anthracene	%	96			70-130	Pass	
Benzo(a)pyrene	%	96			70-130	Pass	
Benzo(b&j)fluoranthene	%	97			70-130	Pass	
Benzo(g.h.i)perylene	%	96			70-130	Pass	
Benzo(k)fluoranthene	%	98			70-130	Pass	
Chrysene	%	101			70-130	Pass	
Dibenz(a.h)anthracene	%	98			70-130	Pass	
Fluoranthene	%	102			70-130	Pass	
Fluorene	%	96			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	99			70-130	Pass	
Naphthalene	%	101			70-130	Pass	
Phenanthrene	%	101			70-130	Pass	
Pyrene	%	101			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	96			70-130	Pass	
4.4'-DDD	%	87			70-130	Pass	
4.4'-DDE	%	94			70-130	Pass	
4.4'-DDT	%	101			70-130	Pass	
a-HCH	%	92			70-130	Pass	
Aldrin	%	85			70-130	Pass	
b-HCH	%	96			70-130	Pass	
d-HCH	%	96			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dieldrin	%	87			70-130	Pass	
Endosulfan I	%	96			70-130	Pass	
Endosulfan II	%	89			70-130	Pass	
Endosulfan sulphate	%	85			70-130	Pass	
Endrin	%	92			70-130	Pass	
Endrin ketone	%	89			70-130	Pass	
g-HCH (Lindane)	%	96			70-130	Pass	
Heptachlor	%	92			70-130	Pass	
Heptachlor epoxide	%	88			70-130	Pass	
Hexachlorobenzene	%	89			70-130	Pass	
Methoxychlor	%	101			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Diazinon	%	95			70-130	Pass	
Dimethoate	%	82			70-130	Pass	
Ethion	%	96			70-130	Pass	
Fenitrothion	%	96			70-130	Pass	
Methyl parathion	%	109			70-130	Pass	
Mevinphos	%	92			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1016	%	89			70-130	Pass	
Aroclor-1260	%	91			70-130	Pass	
LCS - % Recovery							
Phenols (Halogenated)							
2-Chlorophenol	%	93			25-140	Pass	
2.4-Dichlorophenol	%	91			25-140	Pass	
2.4.5-Trichlorophenol	%	85			25-140	Pass	
2.4.6-Trichlorophenol	%	95			25-140	Pass	
2.6-Dichlorophenol	%	92			25-140	Pass	
4-Chloro-3-methylphenol	%	94			25-140	Pass	
Pentachlorophenol	%	86			25-140	Pass	
Tetrachlorophenols - Total	%	91			25-140	Pass	
LCS - % Recovery							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	%	97			25-140	Pass	
2-Methyl-4.6-dinitrophenol	%	98			25-140	Pass	
2-Nitrophenol	%	97			25-140	Pass	
2.4-Dimethylphenol	%	92			25-140	Pass	
2.4-Dinitrophenol	%	94			25-140	Pass	
2-Methylphenol (o-Cresol)	%	93			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	92			25-140	Pass	
4-Nitrophenol	%	78			25-140	Pass	
Dinoseb	%	101			25-140	Pass	
Phenol	%	93			25-140	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	123			70-130	Pass	
TRH C6-C10	%	119			70-130	Pass	
Naphthalene	%	84			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	99			70-130	Pass	
Toluene	%	126			70-130	Pass	

Test			Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Ethylbenzene			%	116			70-130	Pass	
m&p-Xylenes			%	126			70-130	Pass	
o-Xylene			%	121			70-130	Pass	
Xylenes - Total*			%	124			70-130	Pass	
LCS - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short									
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)			%	120			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)			%	79			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)			%	90			50-150	Pass	
Perfluorooctanoic acid (PFOA)			%	75			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons				Result 1					
Acenaphthene	S25-Jn0008162	NCP	%	82			70-130	Pass	
Acenaphthylene	S25-Jn0018088	NCP	%	71			70-130	Pass	
Anthracene	S25-Jn0008162	NCP	%	87			70-130	Pass	
Benz(a)anthracene	S25-Jn0008162	NCP	%	81			70-130	Pass	
Benzo(a)pyrene	S25-Jn0008162	NCP	%	83			70-130	Pass	
Benzo(b&j)fluoranthene	S25-Jn0008162	NCP	%	76			70-130	Pass	
Benzo(g.h.i)perylene	S25-Jn0008162	NCP	%	72			70-130	Pass	
Benzo(k)fluoranthene	S25-Jn0008162	NCP	%	89			70-130	Pass	
Chrysene	S25-Jn0008162	NCP	%	85			70-130	Pass	
Dibenz(a.h)anthracene	S25-Jn0008162	NCP	%	76			70-130	Pass	
Fluoranthene	S25-Jn0018088	NCP	%	72			70-130	Pass	
Fluorene	S25-Jn0008162	NCP	%	91			70-130	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0008162	NCP	%	72			70-130	Pass	
Naphthalene	S25-Jn0008162	NCP	%	89			70-130	Pass	
Phenanthrene	S25-Jn0008162	NCP	%	90			70-130	Pass	
Pyrene	S25-Jn0018088	NCP	%	74			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S25-Jn0008755	NCP	%	79			70-130	Pass	
4.4'-DDD	S25-Jn0008755	NCP	%	76			70-130	Pass	
4.4'-DDE	S25-Jn0008755	NCP	%	81			70-130	Pass	
4.4'-DDT	S25-Jn0008755	NCP	%	89			70-130	Pass	
a-HCH	S25-Jn0008755	NCP	%	72			70-130	Pass	
Aldrin	S25-Jn0008755	NCP	%	81			70-130	Pass	
b-HCH	S25-Jn0008755	NCP	%	74			70-130	Pass	
d-HCH	S25-Jn0008755	NCP	%	77			70-130	Pass	
Dieldrin	S25-Jn0008755	NCP	%	97			70-130	Pass	
Endosulfan I	S25-Jn0008755	NCP	%	88			70-130	Pass	
Endosulfan II	S25-Jn0008755	NCP	%	86			70-130	Pass	
Endosulfan sulphate	S25-Jn0008755	NCP	%	80			70-130	Pass	
Endrin	S25-Jn0008755	NCP	%	93			70-130	Pass	
Endrin aldehyde	S25-Jn0008755	NCP	%	83			70-130	Pass	
Endrin ketone	S25-Jn0008755	NCP	%	73			70-130	Pass	
g-HCH (Lindane)	S25-Jn0008755	NCP	%	85			70-130	Pass	
Heptachlor	S25-Jn0008755	NCP	%	91			70-130	Pass	
Heptachlor epoxide	S25-Jn0008755	NCP	%	77			70-130	Pass	
Hexachlorobenzene	S25-Jn0008755	NCP	%	79			70-130	Pass	
Methoxychlor	S25-Jn0008755	NCP	%	81			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S25-Jn0008755	NCP	%	81			70-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Dimethoate	S25-Jn0008162	NCP	%	87			70-130	Pass	
Ethion	S25-Jn0008162	NCP	%	82			70-130	Pass	
Fenitrothion	S25-Jn0008162	NCP	%	92			70-130	Pass	
Methyl parathion	S25-Jn0008162	NCP	%	95			70-130	Pass	
Mevinphos	S25-Jn0008162	NCP	%	97			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	S25-Jn0008755	NCP	%	72			70-130	Pass	
Aroclor-1260	S25-Jn0008755	NCP	%	92			70-130	Pass	
Spike - % Recovery									
Phenols (Halogenated)				Result 1					
2-Chlorophenol	S25-Jn0008521	NCP	%	78			30-130	Pass	
2.4-Dichlorophenol	S25-Jn0008521	NCP	%	84			30-130	Pass	
2.4.5-Trichlorophenol	S25-Jn0005907	NCP	%	80			30-130	Pass	
2.4.6-Trichlorophenol	S25-Jn0005907	NCP	%	88			30-130	Pass	
2.6-Dichlorophenol	S25-Jn0008521	NCP	%	83			30-130	Pass	
4-Chloro-3-methylphenol	S25-Jn0008521	NCP	%	77			30-130	Pass	
Pentachlorophenol	S25-Jn0005907	NCP	%	91			30-130	Pass	
Tetrachlorophenols - Total	S25-Jn0005907	NCP	%	93			30-130	Pass	
Spike - % Recovery									
Phenols (non-Halogenated)				Result 1					
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0008521	NCP	%	86			30-130	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0005907	NCP	%	86			30-130	Pass	
2-Nitrophenol	S25-Jn0008521	NCP	%	77			30-130	Pass	
2.4-Dimethylphenol	S25-Jn0008521	NCP	%	73			30-130	Pass	
2.4-Dinitrophenol	S25-Jn0005907	NCP	%	88			70-130	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0008521	NCP	%	75			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0008521	NCP	%	75			30-130	Pass	
4-Nitrophenol	S25-Jn0008521	NCP	%	72			30-130	Pass	
Dinoseb	S25-Jn0008521	NCP	%	77			30-130	Pass	
Phenol	S25-Jn0008521	NCP	%	75			30-130	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010707	CP	%	73			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010707	CP	%	90			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010707	CP	%	86			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010707	CP	%	82			50-150	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	S25-Jn0010730	CP	%	94			70-130	Pass	
TRH C6-C10	S25-Jn0010730	CP	%	92			70-130	Pass	
Naphthalene	S25-Jn0010730	CP	%	89			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	S25-Jn0010730	CP	%	106			70-130	Pass	
Toluene	S25-Jn0010730	CP	%	109			70-130	Pass	
Ethylbenzene	S25-Jn0010730	CP	%	104			70-130	Pass	
m&p-Xylenes	S25-Jn0010730	CP	%	101			70-130	Pass	
o-Xylene	S25-Jn0010730	CP	%	85			70-130	Pass	
Xylenes - Total*	S25-Jn0010730	CP	%	95			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Arsenic	S25-Jn0010730	CP	%	93			75-125	Pass	
Cadmium	S25-Jn0010730	CP	%	93			75-125	Pass	
Chromium	S25-Jn0010730	CP	%	98			75-125	Pass	
Copper	S25-Jn0010730	CP	%	104			75-125	Pass	
Lead	S25-Jn0010730	CP	%	100			75-125	Pass	
Mercury	S25-Jn0010730	CP	%	102			75-125	Pass	
Nickel	S25-Jn0010730	CP	%	96			75-125	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S25-Jn0010731	CP	%	94			75-125	Pass	
Cadmium	S25-Jn0010731	CP	%	94			75-125	Pass	
Chromium	S25-Jn0010731	CP	%	95			75-125	Pass	
Lead	S25-Jn0010731	CP	%	99			75-125	Pass	
Mercury	S25-Jn0010731	CP	%	100			75-125	Pass	
Nickel	S25-Jn0010731	CP	%	98			75-125	Pass	
Zinc	S25-Jn0010731	CP	%	117			75-125	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010740	CP	%	124			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010740	CP	%	97			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010740	CP	%	68			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010740	CP	%	73			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S25-Jn0010746	CP	%	93			75-125	Pass	
Chromium	S25-Jn0010746	CP	%	112			75-125	Pass	
Copper	S25-Jn0010746	CP	%	90			75-125	Pass	
Lead	S25-Jn0010746	CP	%	103			75-125	Pass	
Mercury	S25-Jn0010746	CP	%	103			75-125	Pass	
Nickel	S25-Jn0010746	CP	%	93			75-125	Pass	
Zinc	S25-Jn0010746	CP	%	101			75-125	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010748	CP	%	95			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010748	CP	%	71			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010748	CP	%	94			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010748	CP	%	97			50-150	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010749	CP	%	129			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010749	CP	%	73			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010749	CP	%	78			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010749	CP	%	70			50-150	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S25-Jn0010755	CP	%	83			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Cadmium	S25-Jn0010755	CP	%	85			75-125	Pass	
Chromium	S25-Jn0010755	CP	%	87			75-125	Pass	
Copper	S25-Jn0010755	CP	%	85			75-125	Pass	
Lead	S25-Jn0010755	CP	%	88			75-125	Pass	
Mercury	S25-Jn0010755	CP	%	86			75-125	Pass	
Nickel	S25-Jn0010755	CP	%	89			75-125	Pass	
Zinc	S25-Jn0010755	CP	%	85			75-125	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C10-C14	S25-Jn0010760	CP	%	81			70-130	Pass	
TRH >C10-C16	S25-Jn0010760	CP	%	80			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010710	CP	%	23	27	13	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010714	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S25-Jn0010714	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010714	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010714	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C6-C10	S25-Jn0010714	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010714	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Naphthalene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010714	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010714	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010714	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010714	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010714	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010714	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010714	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Tokuthion	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010714	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010714	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010714	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010714	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010714	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010714	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010714	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010714	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010714	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010714	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010714	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010714	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010714	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010714	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010714	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Jn0010717	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010717	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010717	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010717	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010717	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010717	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Fluoranthene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010717	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010717	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010717	CP	mg/kg	< 2	< 2	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Naled	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010717	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010717	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010717	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010717	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010717	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010717	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010717	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010717	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010717	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010717	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010717	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010717	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010717	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010717	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010717	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010717	CP	mg/kg	2.1	< 2	11	30%	Pass	
Cadmium	S25-Jn0010717	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010717	CP	mg/kg	8.0	6.9	15	30%	Pass	
Copper	S25-Jn0010717	CP	mg/kg	90	83	8.0	30%	Pass	
Lead	S25-Jn0010717	CP	mg/kg	18	22	17	30%	Pass	
Mercury	S25-Jn0010717	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0010717	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S25-Jn0010717	CP	mg/kg	14	15	12	30%	Pass	

Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010720	CP	mg/kg	4.8	4.9	2.0	30%	Pass	
Cadmium	S25-Jn0010720	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010720	CP	mg/kg	12	11	3.0	30%	Pass	
Copper	S25-Jn0010720	CP	mg/kg	26	30	14	30%	Pass	
Lead	S25-Jn0010720	CP	mg/kg	14	13	8.0	30%	Pass	
Mercury	S25-Jn0010720	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0010720	CP	mg/kg	16	18	9.0	30%	Pass	
Zinc	S25-Jn0010720	CP	mg/kg	50	47	7.0	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010722	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010722	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010722	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010722	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010723	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C6-C10	S25-Jn0010723	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S25-Jn0010723	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010723	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010723	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010723	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010723	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010723	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010723	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010724	CP	mg/kg	2.2	< 2	13	30%	Pass	
Cadmium	S25-Jn0010724	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010724	CP	mg/kg	6.4	7.5	16	30%	Pass	
Copper	S25-Jn0010724	CP	mg/kg	80	81	1.0	30%	Pass	
Lead	S25-Jn0010724	CP	mg/kg	25	23	11	30%	Pass	
Mercury	S25-Jn0010724	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0010724	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S25-Jn0010724	CP	mg/kg	28	27	1.0	30%	Pass	
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010724	CP	%	33	31	7.0	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010724	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010724	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010724	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010724	CP	ug/kg	< 5	< 5	<1	30%	Pass	

Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Jn0010725	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010725	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010725	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010725	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010725	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010725	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010725	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Coumaphos	S25-Jn0010725	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010725	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010725	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010725	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010725	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010725	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010725	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010725	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010725	CP	mg/kg	< 10	< 10	<1	30%	Pass	

Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010725	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010725	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010725	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010725	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010725	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010725	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010725	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010725	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010725	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Jn0010730	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010730	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010730	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010730	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010730	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010730	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Heptachlor	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010730	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010730	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010730	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010730	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010730	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	

Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010730	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010730	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010730	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010730	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010730	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010730	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010730	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010730	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010730	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010730	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010730	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010730	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010730	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010730	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010731	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C6-C10	S25-Jn0010731	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S25-Jn0010731	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010731	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010731	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010731	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010731	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010731	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010731	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Acid Sulfate Soils Field pH Test				Result 1	Result 2	RPD			
pH-F (Field pH test)*	S25-Jn0010733	CP	pH Units	5.7	5.6	pass	20%	Pass	
pH-FOX (Field pH Peroxide test)*	S25-Jn0010733	CP	pH Units	3.4	3.4	pass	30%	Pass	
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010734	CP	%	35	38	8.0	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010736	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010736	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010736	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010736	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010747	CP	%	30	27	11	30%	Pass	

Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010755	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C6-C10	S25-Jn0010755	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010755	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010755	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010755	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010755	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010755	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010755	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010755	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010755	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010755	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010755	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010755	CP	mg/kg	< 10	< 10	<1	30%	Pass	

Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010755	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010755	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010755	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010755	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010755	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010755	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010755	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010755	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010755	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010756	CP	mg/kg	4.5	3.3	31	30%	Fail	Q15
Cadmium	S25-Jn0010756	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010756	CP	mg/kg	11	12	2.0	30%	Pass	
Copper	S25-Jn0010756	CP	mg/kg	100	100	2.0	30%	Pass	
Lead	S25-Jn0010756	CP	mg/kg	15	16	2.0	30%	Pass	
Mercury	S25-Jn0010756	CP	mg/kg	0.1	< 0.1	40	30%	Fail	Q15
Nickel	S25-Jn0010756	CP	mg/kg	5.4	5.4	1.0	30%	Pass	
Zinc	S25-Jn0010756	CP	mg/kg	400	400	1.0	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010764	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C6-C10	S25-Jn0010764	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Naphthalene	S25-Jn0010764	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010764	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010764	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010764	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010764	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010764	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010764	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0010764	CP	ug/kg	< 10	< 10	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0010764	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0010764	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0010764	CP	ug/kg	< 5	< 5	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Jn0010766	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010766	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010766	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010766	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010766	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010766	CP	mg/kg	< 100	< 100	<1	30%	Pass	

Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010766	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010766	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Ethoprop	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010766	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010766	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010766	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010766	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010766	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010766	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010766	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010766	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010766	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010766	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010766	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010766	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010766	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010766	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010766	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010766	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010766	CP	mg/kg	4.3	4.4	1.0	30%	Pass	
Cadmium	S25-Jn0010766	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010766	CP	mg/kg	5.9	5.9	<1	30%	Pass	
Copper	S25-Jn0010766	CP	mg/kg	130	120	5.0	30%	Pass	
Lead	S25-Jn0010766	CP	mg/kg	16	15	5.0	30%	Pass	
Mercury	S25-Jn0010766	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0010766	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S25-Jn0010766	CP	mg/kg	94	100	6.0	30%	Pass	
Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010766	CP	%	63	54	15	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C6-C9	S25-Jn0010794	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C10-C14	S25-Jn0010794	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010794	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010794	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C6-C10	S25-Jn0010794	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010794	CP	mg/kg	< 50	< 50	<1	30%	Pass	
Naphthalene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010794	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010794	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Toluene	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Ethylbenzene	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
o-Xylene	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010794	CP	mg/kg	< 0.3	< 0.3	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
a-HCH	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010794	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010794	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fensulfothion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010794	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010794	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010794	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010794	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010794	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010794	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010794	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010794	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010794	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010794	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010794	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010794	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010794	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010794	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010794	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010794	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010794	CP	mg/kg	2.3	3.8	50	30%	Fail	Q15
Cadmium	S25-Jn0010794	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0010794	CP	mg/kg	7.0	11	49	30%	Fail	Q15
Copper	S25-Jn0010794	CP	mg/kg	62	60	3.0	30%	Pass	
Lead	S25-Jn0010794	CP	mg/kg	21	26	21	30%	Pass	
Mercury	S25-Jn0010794	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0010794	CP	mg/kg	5.3	8.9	51	30%	Fail	Q15
Zinc	S25-Jn0010794	CP	mg/kg	38	62	48	30%	Fail	Q15
Duplicate									
Total Recoverable Hydrocarbons				Result 1	Result 2	RPD			
TRH C10-C14	S25-Jn0010798	CP	mg/kg	< 20	< 20	<1	30%	Pass	
TRH C15-C28	S25-Jn0010798	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH C29-C36	S25-Jn0010798	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C10-C16	S25-Jn0010798	CP	mg/kg	< 50	< 50	<1	30%	Pass	
TRH >C16-C34	S25-Jn0010798	CP	mg/kg	< 100	< 100	<1	30%	Pass	
TRH >C34-C40	S25-Jn0010798	CP	mg/kg	< 100	< 100	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Acenaphthylene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Anthracene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	

Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Benzo(a)pyrene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Chrysene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluoranthene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Fluorene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Naphthalene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Phenanthrene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Pyrene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
4.4'-DDD	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDE	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
4.4'-DDT	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
a-HCH	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Aldrin	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
b-HCH	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
d-HCH	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Dieldrin	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan I	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan II	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Endrin ketone	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Methoxychlor	S25-Jn0010798	CP	mg/kg	< 0.05	< 0.05	<1	30%	Pass	
Toxaphene	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Bolstar	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Coumaphos	S25-Jn0010798	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Demeton-S	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Demeton-O	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Diazinon	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dichlorvos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Dimethoate	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Disulfoton	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
EPN	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethoprop	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ethyl parathion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenitrothion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Fensulfothion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Fenthion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Malathion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Merphos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Methyl parathion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Mevinphos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Monocrotophos	S25-Jn0010798	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Naled	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Omethoate	S25-Jn0010798	CP	mg/kg	< 2	< 2	<1	30%	Pass	
Phorate	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Pyrazophos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Ronnel	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Terbufos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Tokuthion	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Trichloronate	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1221	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1232	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1242	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1248	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1254	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Aroclor-1260	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Total PCB*	S25-Jn0010798	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0010798	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0010798	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0010798	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Pentachlorophenol	S25-Jn0010798	CP	mg/kg	< 1	< 1	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0010798	CP	mg/kg	< 10	< 10	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0010798	CP	mg/kg	< 20	< 20	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0010798	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Nitrophenol	S25-Jn0010798	CP	mg/kg	< 1	< 1	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0010798	CP	mg/kg	< 5	< 5	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0010798	CP	mg/kg	< 0.2	< 0.2	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0010798	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
4-Nitrophenol	S25-Jn0010798	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Dinoseb	S25-Jn0010798	CP	mg/kg	< 20	< 20	<1	30%	Pass	
Phenol	S25-Jn0010798	CP	mg/kg	< 0.5	< 0.5	<1	30%	Pass	
Duplicate									
Acid Sulfate Soils Field pH Test				Result 1	Result 2	RPD			
pH-F (Field pH test)*	S25-Jn0010807	CP	pH Units	5.5	5.4	pass	20%	Pass	
pH-FOX (Field pH Peroxide test)*	S25-Jn0010807	CP	pH Units	4.1	4.0	pass	30%	Pass	

Duplicate									
Sample Properties				Result 1	Result 2	RPD			
% Moisture	S25-Jn0010825	CP	%	30	33	11	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0011756	CP	mg/kg	2.2	2.9	28	30%	Pass	
Cadmium	S25-Jn0011756	CP	mg/kg	< 0.4	< 0.4	<1	30%	Pass	
Chromium	S25-Jn0011756	CP	mg/kg	7.2	12	46	30%	Fail	Q15
Copper	S25-Jn0011756	CP	mg/kg	140	130	2.0	30%	Pass	
Lead	S25-Jn0011756	CP	mg/kg	18	19	9.0	30%	Pass	
Mercury	S25-Jn0011756	CP	mg/kg	< 0.1	< 0.1	<1	30%	Pass	
Nickel	S25-Jn0011756	CP	mg/kg	< 5	< 5	<1	30%	Pass	
Zinc	S25-Jn0011756	CP	mg/kg	58	56	3.0	30%	Pass	

Comments

Report 1228331-S-V2 (amendment to report 1228331-S) has been issued with revised results for PFAS Short on samples 25-Jn0010728 and 25-Jn0010733, following repeat analysis.

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	No
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
Some samples have been subcontracted	No

Qualifier Codes/Comments

Code	Description
G01	The LORs have been raised due to matrix interference
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.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N09	Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard.
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.
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.
S05	Field Screen uses the following fizz rating to classify the rate the samples reacted to the peroxide: 1.0; No reaction to slight. 2.0; Moderate reaction. 3.0; Strong reaction with persistent froth. 4.0; Extreme reaction.

Authorised by:

Sharlene Santos	Analytical Services Manager
Dilani Samarakoon	Senior Analyst-SPOCAS
Mickael Ros	Senior Analyst-Metal
Raymond Siu	Senior Analyst-Volatile
Roopesh Rangarajan	Senior Analyst-Organic
Roopesh Rangarajan	Senior Analyst-PFAS
Ryan Phillips	Senior Analyst-Sample Properties
Sayeed Abu	Senior Analyst-Asbestos

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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Certificate of Analysis

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.

Stantec Australia Pty Ltd
Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Attention: **Callum Laker**

Report **1228331-W**
Project name MILTON PS
Project ID 3050016633
Received Date Jun 03, 2025

Client Sample ID			**Rin-H**	**Rin-SC**
Sample Matrix			**Water**	**Water**
Eurofins Sample No.			**S25-Jn0010768**	**S25-Jn0010769**
Date Sampled			**May 29, 2025**	**May 29, 2025**
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	< 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
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 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
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	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002
o-Xylene	0.001	mg/L	< 0.001	< 0.001
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003
4-Bromofluorobenzene (surr.)	1	%	98	91
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01
Polycyclic Aromatic Hydrocarbons				
Acenaphthene	0.001	mg/L	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001

Client Sample ID			Rin-H	Rin-SC
Sample Matrix			Water	Water
Eurofins Sample No.			S25-Jn0010768	S25-Jn0010769
Date Sampled			May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit		
Polycyclic Aromatic Hydrocarbons				
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001
Naphthalene	0.001	mg/L	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001
Total PAH*	0.001	mg/L	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	83	82
p-Terphenyl-d14 (surr.)	1	%	INT	INT
Organochlorine Pesticides				
Chlordanes - Total	0.002	mg/L	< 0.002	< 0.002
4.4'-DDD	0.0002	mg/L	< 0.0002	< 0.0002
4.4'-DDE	0.0002	mg/L	< 0.0002	< 0.0002
4.4'-DDT	0.0002	mg/L	< 0.0002	< 0.0002
a-HCH	0.0002	mg/L	< 0.0002	< 0.0002
Aldrin	0.0002	mg/L	< 0.0002	< 0.0002
b-HCH	0.0002	mg/L	< 0.0002	< 0.0002
d-HCH	0.0002	mg/L	< 0.0002	< 0.0002
Dieldrin	0.0002	mg/L	< 0.0002	< 0.0002
Endosulfan I	0.0002	mg/L	< 0.0002	< 0.0002
Endosulfan II	0.0002	mg/L	< 0.0002	< 0.0002
Endosulfan sulphate	0.0002	mg/L	< 0.0002	< 0.0002
Endrin	0.0002	mg/L	< 0.0002	< 0.0002
Endrin aldehyde	0.0002	mg/L	< 0.0002	< 0.0002
Endrin ketone	0.0002	mg/L	< 0.0002	< 0.0002
g-HCH (Lindane)	0.0002	mg/L	< 0.0002	< 0.0002
Heptachlor	0.0002	mg/L	< 0.0002	< 0.0002
Heptachlor epoxide	0.0002	mg/L	< 0.0002	< 0.0002
Hexachlorobenzene	0.0002	mg/L	< 0.0002	< 0.0002
Methoxychlor	0.0002	mg/L	< 0.0002	< 0.0002
Toxaphene	0.005	mg/L	< 0.005	< 0.005
Aldrin and Dieldrin (Total)*	0.0002	mg/L	< 0.0002	< 0.0002
DDT + DDE + DDD (Total)*	0.0002	mg/L	< 0.0002	< 0.0002
Vic EPA IWRG 621 OCP (Total)*	0.002	mg/L	< 0.002	< 0.002
Vic EPA IWRG 621 Other OCP (Total)*	0.002	mg/L	< 0.002	< 0.002
Dibutylchlorendate (surr.)	1	%	125	145
Tetrachloro-m-xylene (surr.)	1	%	INT	148
Organophosphorus Pesticides				
Azinphos-methyl	0.002	mg/L	< 0.002	< 0.002
Bolstar	0.002	mg/L	< 0.002	< 0.002
Chlorfenvinphos	0.02	mg/L	< 0.02	< 0.02
Chlorpyrifos	0.002	mg/L	< 0.002	< 0.002
Chlorpyrifos-methyl	0.002	mg/L	< 0.002	< 0.002
Coumaphos	0.02	mg/L	< 0.02	< 0.02
Demeton-S	0.002	mg/L	< 0.002	< 0.002
Demeton-O	0.002	mg/L	< 0.002	< 0.002
Diazinon	0.002	mg/L	< 0.002	< 0.002
Dichlorvos	0.002	mg/L	< 0.002	< 0.002
Dimethoate	0.002	mg/L	< 0.002	< 0.002
Disulfoton	0.002	mg/L	< 0.002	< 0.002
EPN	0.002	mg/L	< 0.002	< 0.002

Client Sample ID			Rin-H	Rin-SC
Sample Matrix			Water	Water
Eurofins Sample No.			S25-Jn0010768	S25-Jn0010769
Date Sampled			May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit		
Organophosphorus Pesticides				
Ethion	0.002	mg/L	< 0.002	< 0.002
Ethoprop	0.002	mg/L	< 0.002	< 0.002
Ethyl parathion	0.002	mg/L	< 0.002	< 0.002
Fenitrothion	0.002	mg/L	< 0.002	< 0.002
Fensulfothion	0.002	mg/L	< 0.002	< 0.002
Fenthion	0.002	mg/L	< 0.002	< 0.002
Malathion	0.002	mg/L	< 0.002	< 0.002
Merphos	0.002	mg/L	< 0.002	< 0.002
Methyl parathion	0.002	mg/L	< 0.002	< 0.002
Mevinphos	0.002	mg/L	< 0.002	< 0.002
Monocrotophos	0.002	mg/L	< 0.002	< 0.002
Naled	0.002	mg/L	< 0.002	< 0.002
Omethoate	0.02	mg/L	< 0.02	< 0.02
Phorate	0.002	mg/L	< 0.002	< 0.002
Pirimiphos-methyl	0.02	mg/L	< 0.02	< 0.02
Pyrazophos	0.002	mg/L	< 0.002	< 0.002
Ronnel	0.002	mg/L	< 0.002	< 0.002
Terbufos	0.002	mg/L	< 0.002	< 0.002
Tetrachlorvinphos	0.002	mg/L	< 0.002	< 0.002
Tokuthion	0.002	mg/L	< 0.002	< 0.002
Trichloronate	0.002	mg/L	< 0.002	< 0.002
Triphenylphosphate (surr.)	1	%	INT	INT
Polychlorinated Biphenyls				
Aroclor-1016	0.005	mg/L	< 0.005	< 0.005
Aroclor-1221	0.005	mg/L	< 0.005	< 0.005
Aroclor-1232	0.005	mg/L	< 0.005	< 0.005
Aroclor-1242	0.005	mg/L	< 0.005	< 0.005
Aroclor-1248	0.005	mg/L	< 0.005	< 0.005
Aroclor-1254	0.005	mg/L	< 0.005	< 0.005
Aroclor-1260	0.005	mg/L	< 0.005	< 0.005
Total PCB*	0.005	mg/L	< 0.005	< 0.005
Dibutylchlorendate (surr.)	1	%	125	145
Tetrachloro-m-xylene (surr.)	1	%	INT	148
Phenols (Halogenated)				
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01
Tetrachlorophenols - Total	0.03	mg/L	< 0.03	< 0.03
Total Halogenated Phenol*	0.01	mg/L	< 0.01	< 0.01
Phenols (non-Halogenated)				
2-Cyclohexyl-4.6-dinitrophenol	0.1	mg/L	< 0.1	< 0.1
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03

Client Sample ID			Rin-H	Rin-SC
Sample Matrix			Water	Water
Eurofins Sample No.			S25-Jn0010768	S25-Jn0010769
Date Sampled			May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit		
Phenols (non-Halogenated)				
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006
Total cresols*	0.01	mg/L	< 0.01	< 0.01
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03
Dinoseb	0.1	mg/L	< 0.1	< 0.1
Phenol	0.003	mg/L	< 0.003	< 0.003
Phenol-d6 (surr.)	1	%	78	89
Total Non-Halogenated Phenol*	0.1	mg/L	< 0.1	< 0.1
Heavy Metals				
Arsenic	0.001	mg/L	< 0.001	< 0.001
Cadmium	0.0002	mg/L	< 0.0002	< 0.0002
Chromium	0.001	mg/L	0.001	0.001
Copper	0.001	mg/L	< 0.001	< 0.001
Lead	0.001	mg/L	< 0.001	< 0.001
Mercury	0.0001	mg/L	< 0.0001	< 0.0001
Nickel	0.001	mg/L	< 0.001	< 0.001
Zinc	0.005	mg/L	< 0.005	< 0.005
Per- and Polyfluoroalkyl Substances (PFASs) - Short				
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	0.05	ug/L	< 0.05	< 0.05
13C2-6:2 FTSA (surr.)	1	%	99	65
Perfluorohexanesulfonic acid (PFHxS)[N11]	0.01	ug/L	< 0.01	< 0.01
Perfluorooctanesulfonic acid (PFOS)[N11]	0.01	ug/L	< 0.01	< 0.01
18O2-PFHxS (surr.)	1	%	102	58
13C8-PFOS (surr.)	1	%	103	51
Perfluorooctanoic acid (PFOA)[N11]	0.01	ug/L	< 0.01	< 0.01
13C8-PFOA (surr.)	1	%	90	53
Sum (PFHxS + PFOS)*	0.01	ug/L	< 0.01	< 0.01
Sum of US EPA PFAS (PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01

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	Jun 10, 2025	7 Days
Total Recoverable Hydrocarbons - 2013 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Jun 10, 2025	7 Days
Total Recoverable Hydrocarbons - 2013 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Jun 10, 2025	7 Days
BTEX - Method: LTM-ORG-2010 BTEX and Volatile TRH	Sydney	Jun 10, 2025	14 Days
Polycyclic Aromatic Hydrocarbons - Method: LTM-ORG-2130 PAH and Phenols in Soil and Water	Sydney	Jun 10, 2025	7 Days
Organochlorine Pesticides - Method: LTM-ORG-2220 OCP & PCB in Soil and Water	Sydney	Jun 10, 2025	7 Days
Organophosphorus Pesticides - Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS	Sydney	Jun 10, 2025	7 Days
Polychlorinated Biphenyls - Method: LTM-ORG-2220 OCP & PCB in Soil and Water	Sydney	Jun 10, 2025	7 Days
Phenols (Halogenated) - Method: LTM-ORG-2130 PAH and Phenols in Soil and Water	Sydney	Jun 10, 2025	7 Days
Phenols (non-Halogenated) - Method: LTM-ORG-2130 PAH and Phenols in Soil and Water	Sydney	Jun 10, 2025	7 Days
Metals M8 - Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS	Sydney	Jun 10, 2025	28 Days
Per- and Polyfluoroalkyl Substances (PFASs) - Short - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)	Sydney	Jun 11, 2025	28 Days

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Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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6 Monterey Road	19/8 Lewalan Street	179 Magowar Road	Unit 1,2 Dacre Street	1/21 Smallwood Place	1/2 Frost Drive
Dandenong South	Grovedale	Girraween	Mitchell	Murarrie	Mayfield West
VIC 3175	VIC 3216	NSW 2145	ACT 2911	QLD 4172	NSW 2304
+61 3 8564 5000	+61 3 8564 5000	+61 2 9900 8400	+61 2 6113 8091	+61 7 3902 4600	+61 2 4968 8448
NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Site# 2370 & 2554

Eurofins Environment Testing NZ Ltd
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Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
External Laboratory										X													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																		
1	TP101_0.1	May 27, 2025		Soil	S25-Jn0010706	X								X						X			X
2	TP102_0.1	May 27, 2025		Soil	S25-Jn0010707									X						X			X
3	TP103_0.1	May 27, 2025		Soil	S25-Jn0010708	X								X						X			X
4	TP104_0.1	May 27, 2025		Soil	S25-Jn0010709									X	X					X			
5	TP105_0.1	May 27, 2025		Soil	S25-Jn0010710									X	X					X			
6	TP106_0.1	May 27, 2025		Soil	S25-Jn0010711									X	X					X			
7	TP107_0.1	May 27, 2025		Soil	S25-Jn0010712	X								X						X			X
8	TP108_0.1	May 27, 2025		Soil	S25-Jn0010713	X					X			X		X				X			
9	TP108_0.3	May 27, 2025		Soil	S25-Jn0010714						X			X									X
10	TP108_1	May 27, 2025		Soil	S25-Jn0010715						X			X		X							
11	TP109_0.1	May 27, 2025		Soil	S25-Jn0010716								X	X			X			X			
12	TP110_0.1	May 27, 2025		Soil	S25-Jn0010717	X								X						X			X
13	TP110_0.5	May 27, 2025		Soil	S25-Jn0010718				X														

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Eurofins Environment Testing Australia Pty Ltd
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Melbourne	Geelong	Sydney	Canberra	Brisbane	Newcastle
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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NATA# 2377
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Eurofins Environment Testing NZ Ltd
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Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
14	TP111_0.1	May 27, 2025		Soil	S25-Jn0010719	X								X						X			X
15	TP111_0.3	May 27, 2025		Soil	S25-Jn0010720	X								X		X							
16	TP111_1.1	May 27, 2025		Soil	S25-Jn0010721				X														
17	TP112_0.1	May 27, 2025		Soil	S25-Jn0010722						X			X						X			X
18	TP113_0.1	May 27, 2025		Soil	S25-Jn0010723								X	X				X		X			
19	TP114_0.1	May 27, 2025		Soil	S25-Jn0010724									X	X					X			
20	TP115_0.1	May 27, 2025		Soil	S25-Jn0010725	X								X						X			X
21	TP115_0.3	May 27, 2025		Soil	S25-Jn0010726									X		X							
22	TP115_2	May 27, 2025		Soil	S25-Jn0010727				X														
23	TP116_0.1	May 28, 2025		Soil	S25-Jn0010728	X								X						X			X
24	TP116_0.5	May 28, 2025		Soil	S25-Jn0010729	X								X		X							
25	TP117_0.1	May 28, 2025		Soil	S25-Jn0010730	X								X		X				X			
26	TP117_0.5	May 28, 2025		Soil	S25-Jn0010731	X								X						X			X
27	TP118_0.1	May 28, 2025		Soil	S25-Jn0010732	X					X		X	X				X		X			
28	TP118_1	May 28, 2025		Soil	S25-Jn0010733	X					X			X						X			X
29	TP119_0.1	May 28, 2025		Soil	S25-Jn0010734	X								X						X			X

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
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Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
30	TP120_0.1	May 28, 2025		Soil	S25-Jn0010735	X								X						X			X
31	TP121_0.1	May 28, 2025		Soil	S25-Jn0010736	X								X						X			X
32	TP121_0.3	May 28, 2025		Soil	S25-Jn0010737	X								X				X					
33	TP121_0.7	May 28, 2025		Soil	S25-Jn0010738			X															
34	TP122_0.1	May 28, 2025		Soil	S25-Jn0010739	X																	
35	TP122_0.3	May 28, 2025		Soil	S25-Jn0010740									X						X		X	
36	TP123_0.1	May 28, 2025		Soil	S25-Jn0010741	X					X			X						X			X
37	TP123_0.5	May 28, 2025		Soil	S25-Jn0010742	X					X			X		X				X			
38	TP124_0.1	May 28, 2025		Soil	S25-Jn0010743	X								X						X			X
39	TP125_0.1	May 28, 2025		Soil	S25-Jn0010744	X								X						X			X
40	TP125_0.3	May 28, 2025		Soil	S25-Jn0010745	X						X		X									
41	TP126_0.1	May 28, 2025		Soil	S25-Jn0010746	X								X						X			X
42	TP127_0.1	May 28, 2025		Soil	S25-Jn0010747	X								X						X			X
43	HA101_0.1	May 28, 2025		Soil	S25-Jn0010748	X								X						X			X
44	HA102_0.1	May 28, 2025		Soil	S25-Jn0010749	X								X						X			X
45	HA102-ACM-	May 29, 2025		Building	S25-Jn0010750		X																

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
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Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	0-0.2			Materials																			
46	HA103_0.1	May 29, 2025		Soil	S25-Jn0010751	X								X						X			X
47	SED-1	May 29, 2025		Soil	S25-Jn0010755									X									X
48	SED-2	May 29, 2025		Soil	S25-Jn0010756									X									X
49	SED-3	May 29, 2025		Soil	S25-Jn0010757									X									X
50	QA300	May 29, 2025		Soil	S25-Jn0010760									X						X			X
51	QC300	May 29, 2025		Soil	S25-Jn0010761					X													
52	QA100	May 27, 2025		Soil	S25-Jn0010762									X						X			X
53	QC100	May 27, 2025		Soil	S25-Jn0010763					X													
54	QA200	May 28, 2025		Soil	S25-Jn0010764									X						X			X
55	QC200	May 28, 2025		Soil	S25-Jn0010765					X													
56	QA301	May 29, 2025		Soil	S25-Jn0010766									X									X
57	QC301	May 29, 2025		Soil	S25-Jn0010767					X													
58	Rin-H	May 29, 2025		Water	S25-Jn0010768															X			X
59	Rin-SC	May 29, 2025		Water	S25-Jn0010769															X			X
60	Trip Blank	May 29, 2025		Trip Blank	S25-Jn0010770														X				

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
60	Trip Blank	May 29, 2025		Trip Blank (solid)	S25-Jn0010770																		
61	Trip Spike	May 29, 2025		Trip Spike (solid)	S25-Jn0010771																X		
62	TP101_0.3	May 27, 2025		Soil	S25-Jn0010773				X														
63	TP101_0.5	May 27, 2025		Soil	S25-Jn0010774				X														
64	TP101_1	May 27, 2025		Soil	S25-Jn0010775				X														
65	TP101_1.4	May 27, 2025		Soil	S25-Jn0010776				X														
66	TP102_0.3	May 27, 2025		Soil	S25-Jn0010777				X														
67	TP102_0.5	May 27, 2025		Soil	S25-Jn0010778				X														
68	TP103_0.3	May 27, 2025		Soil	S25-Jn0010779									X		X							
69	TP103_0.5	May 27, 2025		Soil	S25-Jn0010780				X														
70	TP104_0.3	May 27, 2025		Soil	S25-Jn0010781				X														
71	TP104_0.5	May 27, 2025		Soil	S25-Jn0010782				X														
72	TP105_0.3	May 27, 2025		Soil	S25-Jn0010783				X														
73	TP105_0.5	May 27, 2025		Soil	S25-Jn0010784				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
74	TP106_0.2	May 27, 2025		Soil	S25-Jn0010785				X														
75	TP107_0.3	May 27, 2025		Soil	S25-Jn0010786				X														
76	TP108_0.5	May 27, 2025		Soil	S25-Jn0010787						X												
77	TP109_0.3	May 27, 2025		Soil	S25-Jn0010788				X														
78	TP110_0.3	May 27, 2025		Soil	S25-Jn0010789				X														
79	TP111_0.7	May 27, 2025		Soil	S25-Jn0010790				X														
80	TP112_0.3	May 27, 2025		Soil	S25-Jn0010791						X			X						X			X
81	TP112_0.5	May 27, 2025		Soil	S25-Jn0010792						X												
82	TP112_1	May 27, 2025		Soil	S25-Jn0010793				X														
83	TP113_0.3	May 27, 2025		Soil	S25-Jn0010794	X								X									X
84	TP113_0.5	May 27, 2025		Soil	S25-Jn0010795				X														
85	TP114_0.3	May 27, 2025		Soil	S25-Jn0010796				X														
86	TP114_0.7	May 27, 2025		Soil	S25-Jn0010797				X														
87	TP115_0.5	May 27, 2025		Soil	S25-Jn0010798	X								X						X			X
88	TP115_1	May 27, 2025		Soil	S25-Jn0010799				X														
89	TP115_1.5	May 27, 2025		Soil	S25-Jn0010800				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
90	TP116_0.3	May 28, 2025		Soil	S25-Jn0010801				X														
91	TP116_1	May 28, 2025		Soil	S25-Jn0010802				X														
92	TP117_0.3	May 28, 2025		Soil	S25-Jn0010803				X														
93	TP117_1	May 28, 2025		Soil	S25-Jn0010804				X														
94	TP117_1.3	May 28, 2025		Soil	S25-Jn0010805				X														
95	TP118_0.3	May 28, 2025		Soil	S25-Jn0010806						X												
96	TP118_0.5	May 28, 2025		Soil	S25-Jn0010807						X												
97	TP118_1.5	May 28, 2025		Soil	S25-Jn0010808						X												
98	TP118_2	May 28, 2025		Soil	S25-Jn0010809						X												
99	TP118_2.5	May 28, 2025		Soil	S25-Jn0010810				X														
100	TP119_0.3	May 28, 2025		Soil	S25-Jn0010811				X														
101	TP119_0.5	May 28, 2025		Soil	S25-Jn0010812				X														
102	TP119_1	May 28, 2025		Soil	S25-Jn0010813				X														
103	TP120_0.3	May 28, 2025		Soil	S25-Jn0010814				X														
104	TP120_0.7	May 28, 2025		Soil	S25-Jn0010815				X														
105	TP122_0.5	May 28, 2025		Soil	S25-Jn0010816				X														

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Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
106	TP122_1	May 28, 2025		Soil	S25-Jn0010817				X														
107	TP122_1.7	May 28, 2025		Soil	S25-Jn0010818				X														
108	TP122_2.2	May 28, 2025		Soil	S25-Jn0010819				X														
109	TP122_2.7	May 28, 2025		Soil	S25-Jn0010820									X		X							
110	TP123_1	May 28, 2025		Soil	S25-Jn0010821						X												
111	TP123_1.5	May 28, 2025		Soil	S25-Jn0010822						X												
112	TP123_2.5	May 28, 2025		Soil	S25-Jn0010823						X												
113	TP123_3.5	May 28, 2025		Soil	S25-Jn0010824						X												
114	TP124_0.3	May 28, 2025		Soil	S25-Jn0010825	X								X		X							
115	TP124_0.8	May 28, 2025		Soil	S25-Jn0010826				X														
116	TP126_0.3	May 28, 2025		Soil	S25-Jn0010827				X														
117	TP126_0.5	May 28, 2025		Soil	S25-Jn0010828				X														
118	TP127_0.3	May 28, 2025		Soil	S25-Jn0010829				X														
119	TP127_0.5	May 28, 2025		Soil	S25-Jn0010830				X														
120	HA101_0.3	May 28, 2025		Soil	S25-Jn0010831				X														
121	HA101_0.5	May 28, 2025		Soil	S25-Jn0010832				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
122	HA101_1	May 28, 2025		Soil	S25-Jn0010833				X														
123	HA102_0.3	May 29, 2025		Soil	S25-Jn0010834				X														
124	HA102_0.5	May 29, 2025		Soil	S25-Jn0010835				X														
125	HA102_0.9	May 29, 2025		Soil	S25-Jn0010836	X								X						X			X
126	HA103_0.5	May 29, 2025		Soil	S25-Jn0010837				X														
127	HA103_0.8	May 29, 2025		Soil	S25-Jn0010838				X														
128	QA101	May 27, 2025		Soil	S25-Jn0010839				X														
129	QC101	May 27, 2025		Soil	S25-Jn0010840				X														
130	QA102	May 27, 2025		Soil	S25-Jn0010841									X						X			X
131	QC102	May 27, 2025		Soil	S25-Jn0010842					X													
132	QA103	May 27, 2025		Soil	S25-Jn0010843				X														
133	QC103	May 27, 2025		Soil	S25-Jn0010844				X														
134	QA201	May 28, 2025		Soil	S25-Jn0010845						X			X						X			X
135	QC201	May 28, 2025		Soil	S25-Jn0010846					X													
136	Rin-G	May 29, 2025		Soil	S25-Jn0010847				X														
137	Rin-PFAS	May 29, 2025		Water	S25-Jn0010848				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
138	TP118_1.5_B	May 27, 2025		Soil	S25-Jn0011699				X														
139	TP108_0.5_B	May 27, 2025		Soil	S25-Jn0011700				X														
140	SP1	May 27, 2025		Soil	S25-Jn0011756	X								X						X			X
Test Counts						34	1	1	60	6	20	1	3	57	4	10	1	3	1	44	1	1	39

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 (*bis*-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 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 C6-C10	mg/L	< 0.02			0.02	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							
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 - 2013 NEPM Fractions							
Naphthalene	mg/L	< 0.01			0.01	Pass	
Method Blank							
Heavy Metals							
Arsenic	mg/L	< 0.001			0.001	Pass	
Cadmium	mg/L	< 0.0002			0.0002	Pass	
Chromium	mg/L	< 0.001			0.001	Pass	
Copper	mg/L	< 0.001			0.001	Pass	
Lead	mg/L	< 0.001			0.001	Pass	
Mercury	mg/L	< 0.0001			0.0001	Pass	
Nickel	mg/L	< 0.001			0.001	Pass	
Zinc	mg/L	< 0.005			0.005	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/L	< 0.002			0.002	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4.4'-DDD	mg/L	< 0.0002			0.0002	Pass	
4.4'-DDE	mg/L	< 0.0002			0.0002	Pass	
4.4'-DDT	mg/L	< 0.0002			0.0002	Pass	
a-HCH	mg/L	< 0.0002			0.0002	Pass	
Aldrin	mg/L	< 0.0002			0.0002	Pass	
b-HCH	mg/L	< 0.0002			0.0002	Pass	
d-HCH	mg/L	< 0.0002			0.0002	Pass	
Dieldrin	mg/L	< 0.0002			0.0002	Pass	
Endosulfan I	mg/L	< 0.0002			0.0002	Pass	
Endosulfan II	mg/L	< 0.0002			0.0002	Pass	
Endosulfan sulphate	mg/L	< 0.0002			0.0002	Pass	
Endrin	mg/L	< 0.0002			0.0002	Pass	
Endrin aldehyde	mg/L	< 0.0002			0.0002	Pass	
Endrin ketone	mg/L	< 0.0002			0.0002	Pass	
g-HCH (Lindane)	mg/L	< 0.0002			0.0002	Pass	
Heptachlor	mg/L	< 0.0002			0.0002	Pass	
Heptachlor epoxide	mg/L	< 0.0002			0.0002	Pass	
Hexachlorobenzene	mg/L	< 0.0002			0.0002	Pass	
Methoxychlor	mg/L	< 0.0002			0.0002	Pass	
Toxaphene	mg/L	< 0.005			0.005	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/L	< 0.002			0.002	Pass	
Bolstar	mg/L	< 0.002			0.002	Pass	
Chlorfenvinphos	mg/L	< 0.02			0.02	Pass	
Chlorpyrifos	mg/L	< 0.002			0.002	Pass	
Chlorpyrifos-methyl	mg/L	< 0.002			0.002	Pass	
Coumaphos	mg/L	< 0.02			0.02	Pass	
Demeton-S	mg/L	< 0.002			0.002	Pass	
Demeton-O	mg/L	< 0.002			0.002	Pass	
Diazinon	mg/L	< 0.002			0.002	Pass	
Dichlorvos	mg/L	< 0.002			0.002	Pass	
Dimethoate	mg/L	< 0.002			0.002	Pass	
Disulfoton	mg/L	< 0.002			0.002	Pass	
EPN	mg/L	< 0.002			0.002	Pass	
Ethion	mg/L	< 0.002			0.002	Pass	
Ethoprop	mg/L	< 0.002			0.002	Pass	
Ethyl parathion	mg/L	< 0.002			0.002	Pass	
Fenitrothion	mg/L	< 0.002			0.002	Pass	
Fensulfothion	mg/L	< 0.002			0.002	Pass	
Fenthion	mg/L	< 0.002			0.002	Pass	
Malathion	mg/L	< 0.002			0.002	Pass	
Merphos	mg/L	< 0.002			0.002	Pass	
Methyl parathion	mg/L	< 0.002			0.002	Pass	
Mevinphos	mg/L	< 0.002			0.002	Pass	
Monocrotophos	mg/L	< 0.002			0.002	Pass	
Naled	mg/L	< 0.002			0.002	Pass	
Omethoate	mg/L	< 0.02			0.02	Pass	
Phorate	mg/L	< 0.002			0.002	Pass	
Pirimiphos-methyl	mg/L	< 0.02			0.02	Pass	
Pyrazophos	mg/L	< 0.002			0.002	Pass	
Ronnel	mg/L	< 0.002			0.002	Pass	
Terbufos	mg/L	< 0.002			0.002	Pass	
Tetrachlorvinphos	mg/L	< 0.002			0.002	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Tokuthion	mg/L	< 0.002			0.002	Pass	
Trichloronate	mg/L	< 0.002			0.002	Pass	
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Phenols (Halogenated)							
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Tetrachlorophenols - Total	mg/L	< 0.03			0.03	Pass	
Method Blank							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	mg/L	< 0.1			0.1	Pass	
2-Methyl-4.6-dinitrophenol	mg/L	< 0.03			0.03	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
4-Nitrophenol	mg/L	< 0.03			0.03	Pass	
Dinoseb	mg/L	< 0.1			0.1	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/L	< 0.05			0.05	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/L	< 0.01			0.01	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/L	< 0.01			0.01	Pass	
Perfluorooctanoic acid (PFOA)	ug/L	< 0.01			0.01	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	106			70-130	Pass	
TRH C10-C14	%	112			70-130	Pass	
TRH C6-C10	%	103			70-130	Pass	
TRH >C10-C16	%	110			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	104			70-130	Pass	
Toluene	%	104			70-130	Pass	
Ethylbenzene	%	107			70-130	Pass	
m&p-Xylenes	%	108			70-130	Pass	
o-Xylene	%	110			70-130	Pass	
Xylenes - Total*	%	109			70-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
LCS - % Recovery							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	%	123			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Benzo(a)pyrene	%	73			70-130	Pass	
Phenanthrene	%	72			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	71			70-130	Pass	
4.4'-DDE	%	73			70-130	Pass	
a-HCH	%	74			70-130	Pass	
Endosulfan II	%	81			70-130	Pass	
g-HCH (Lindane)	%	76			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Mevinphos	%	74			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	105			80-120	Pass	
Cadmium	%	101			80-120	Pass	
Chromium	%	106			80-120	Pass	
Copper	%	103			80-120	Pass	
Lead	%	106			80-120	Pass	
Mercury	%	108			80-120	Pass	
Nickel	%	105			80-120	Pass	
Zinc	%	102			80-120	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	75			70-130	Pass	
Acenaphthylene	%	80			70-130	Pass	
Anthracene	%	76			70-130	Pass	
Benz(a)anthracene	%	78			70-130	Pass	
Benzo(g.h.i)perylene	%	76			70-130	Pass	
Benzo(k)fluoranthene	%	71			70-130	Pass	
Chrysene	%	74			70-130	Pass	
Dibenz(a.h)anthracene	%	88			70-130	Pass	
Fluoranthene	%	72			70-130	Pass	
Fluorene	%	73			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	78			70-130	Pass	
Naphthalene	%	77			70-130	Pass	
Pyrene	%	72			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
4.4'-DDD	%	71			70-130	Pass	
4.4'-DDT	%	102			70-130	Pass	
Dieldrin	%	79			70-130	Pass	
Endosulfan sulphate	%	99			70-130	Pass	
Endrin	%	80			70-130	Pass	
Endrin aldehyde	%	95			70-130	Pass	
Endrin ketone	%	77			70-130	Pass	
Hexachlorobenzene	%	81			70-130	Pass	
Methoxychlor	%	71			70-130	Pass	
LCS - % Recovery							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Phenols (Halogenated)							
2-Chlorophenol	%	71			25-140	Pass	
2.4-Dichlorophenol	%	79			25-140	Pass	
2.4.5-Trichlorophenol	%	71			25-140	Pass	
2.4.6-Trichlorophenol	%	80			25-140	Pass	
2.6-Dichlorophenol	%	79			25-140	Pass	
4-Chloro-3-methylphenol	%	75			25-140	Pass	
Pentachlorophenol	%	75			25-140	Pass	
Tetrachlorophenols - Total	%	87			25-140	Pass	
LCS - % Recovery							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	%	75			25-140	Pass	
2-Methyl-4.6-dinitrophenol	%	80			25-140	Pass	
2-Nitrophenol	%	65			25-140	Pass	
2.4-Dimethylphenol	%	70			25-140	Pass	
2.4-Dinitrophenol	%	94			25-140	Pass	
2-Methylphenol (o-Cresol)	%	75			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)	%	68			25-140	Pass	
4-Nitrophenol	%	44			25-140	Pass	
Dinoseb	%	84			25-140	Pass	
Phenol	%	49			25-140	Pass	
LCS - % Recovery							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	84			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	77			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	81			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	80			50-150	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	N25-Jn0017491	NCP	%	107			70-130	Pass	
TRH C10-C14	S25-Jn0017312	NCP	%	81			70-130	Pass	
TRH C6-C10	N25-Jn0017491	NCP	%	106			70-130	Pass	
TRH >C10-C16	S25-Jn0017312	NCP	%	74			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	N25-Jn0017491	NCP	%	107			70-130	Pass	
Toluene	N25-Jn0017491	NCP	%	109			70-130	Pass	
Ethylbenzene	N25-Jn0017491	NCP	%	111			70-130	Pass	
m&p-Xylenes	N25-Jn0017491	NCP	%	114			70-130	Pass	
o-Xylene	N25-Jn0017491	NCP	%	114			70-130	Pass	
Xylenes - Total*	N25-Jn0017491	NCP	%	114			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1					
Naphthalene	N25-Jn0017491	NCP	%	102			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Endosulfan sulphate	S25-Jn0005590	NCP	%	99			70-130	Pass	
Endrin aldehyde	S25-Jn0005590	NCP	%	92			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	N25-Jn0014075	NCP	%	94			75-125	Pass	
Cadmium	N25-Jn0014075	NCP	%	93			75-125	Pass	
Chromium	N25-Jn0014075	NCP	%	95			75-125	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Copper	N25-Jn0014075	NCP	%	93			75-125	Pass	
Lead	N25-Jn0014075	NCP	%	96			75-125	Pass	
Mercury	N25-Jn0014075	NCP	%	98			75-125	Pass	
Nickel	N25-Jn0014075	NCP	%	95			75-125	Pass	
Zinc	N25-Jn0014075	NCP	%	91			75-125	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0007705	NCP	%	103			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0007705	NCP	%	76			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0007705	NCP	%	84			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0007705	NCP	%	87			50-150	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S25-Jn0010769	CP	%	89			70-130	Pass	
4.4'-DDD	S25-Jn0010769	CP	%	89			70-130	Pass	
4.4'-DDE	S25-Jn0010769	CP	%	94			70-130	Pass	
4.4'-DDT	S25-Jn0010769	CP	%	125			70-130	Pass	
a-HCH	S25-Jn0010769	CP	%	102			70-130	Pass	
Aldrin	S25-Jn0010769	CP	%	77			70-130	Pass	
b-HCH	S25-Jn0010769	CP	%	86			70-130	Pass	
d-HCH	S25-Jn0010769	CP	%	92			70-130	Pass	
Dieldrin	S25-Jn0010769	CP	%	110			70-130	Pass	
Endosulfan I	S25-Jn0010769	CP	%	86			70-130	Pass	
Endosulfan II	S25-Jn0010769	CP	%	96			70-130	Pass	
Endrin	S25-Jn0010769	CP	%	113			70-130	Pass	
Endrin ketone	S25-Jn0010769	CP	%	110			70-130	Pass	
g-HCH (Lindane)	S25-Jn0010769	CP	%	98			70-130	Pass	
Heptachlor	S25-Jn0010769	CP	%	81			70-130	Pass	
Heptachlor epoxide	S25-Jn0010769	CP	%	75			70-130	Pass	
Hexachlorobenzene	S25-Jn0010769	CP	%	94			70-130	Pass	
Methoxychlor	S25-Jn0010769	CP	%	80			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S25-Jn0010769	CP	%	79			70-130	Pass	
Dimethoate	S25-Jn0010769	CP	%	73			70-130	Pass	
Ethion	S25-Jn0010769	CP	%	72			70-130	Pass	
Fenitrothion	S25-Jn0010769	CP	%	76			70-130	Pass	
Methyl parathion	S25-Jn0010769	CP	%	73			70-130	Pass	
Mevinphos	S25-Jn0010769	CP	%	86			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	S25-Jn0010769	CP	%	78			70-130	Pass	
Aroclor-1260	S25-Jn0010769	CP	%	84			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 C6-C9	S25-Jn0010768	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH C10-C14	S25-Jn0005589	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH C15-C28	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C29-C36	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C6-C10	S25-Jn0010768	CP	mg/L	< 0.02	< 0.02	<1	30%	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-C16	S25-Jn0005589	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH >C16-C34	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH >C34-C40	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010768	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010768	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	S25-Jn0010768	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Acenaphthylene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Anthracene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chrysene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluoranthene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluorene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Naphthalene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Phenanthrene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Pyrene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010768	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
4.4'-DDD	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
4.4'-DDE	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
4.4'-DDT	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
a-HCH	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Aldrin	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
b-HCH	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
d-HCH	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Dieldrin	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan I	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan II	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin ketone	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
g-HCH (Lindane)	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Heptachlor	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Hexachlorobenzene	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Methoxychlor	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Toxaphene	S25-Jn0010768	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Bolstar	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0005589	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Chlorpyrifos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Coumaphos	S25-Jn0005589	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Demeton-S	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Demeton-O	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Diazinon	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Dichlorvos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Dimethoate	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Disulfoton	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
EPN	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethoprop	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethyl parathion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fenitrothion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fensulfothion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fenthion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Malathion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Merphos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Methyl parathion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Mevinphos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Monocrotophos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Naled	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Omethoate	S25-Jn0005589	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Phorate	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0005589	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Pyrazophos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ronnel	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Terbufos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Tokuthion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Trichloronate	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1221	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1232	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1242	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1248	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1254	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1260	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Total PCB*	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0005589	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0005589	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0005589	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Pentachlorophenol	S25-Jn0005589	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0005589	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0005589	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2-Nitrophenol	S25-Jn0005589	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0005589	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0005589	NCP	mg/L	< 0.006	< 0.006	<1	30%	Pass	
4-Nitrophenol	S25-Jn0005589	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
Dinoseb	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Phenol	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Cadmium	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Chromium	S25-Jn0010768	CP	mg/L	0.001	0.002	23	30%	Pass	
Copper	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Lead	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Mercury	S25-Jn0010768	CP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Zinc	S25-Jn0010768	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0007714	NCP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0007714	NCP	ug/L	0.02	0.02	7.0	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0007714	NCP	ug/L	0.02	0.02	9.0	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0007714	NCP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010769	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Cadmium	S25-Jn0010769	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Chromium	S25-Jn0010769	CP	mg/L	0.001	0.001	9.0	30%	Pass	
Copper	S25-Jn0010769	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Lead	S25-Jn0010769	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Mercury	S25-Jn0010769	CP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel	S25-Jn0010769	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Zinc	S25-Jn0010769	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	No
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
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.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.

Authorised by:

Adam Bateup	Analytical Services Manager
Mickael Ros	Senior Analyst-Metal
Raymond Siu	Senior Analyst-Volatile
Roopesh Rangarajan	Senior Analyst-Organic
Roopesh Rangarajan	Senior Analyst-PFAS

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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Accreditation Number 1261
Site Number 18217

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Stantec Australia Pty Ltd
Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Attention: **Callum Laker**

Report **1228331-W-V2**
Project name MILTON PS
Project ID 3050016633
Received Date Jun 03, 2025

Client Sample ID			**Rin-H**	**Rin-SC**
Sample Matrix			**Water**	**Water**
Eurofins Sample No.			**S25-Jn0010768**	**S25-Jn0010769**
Date Sampled			**May 29, 2025**	**May 29, 2025**
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	< 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
TRH C6-C10 less BTEX (F1)[N04]	0.02	mg/L	< 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
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	< 0.001
Toluene	0.001	mg/L	< 0.001	< 0.001
Ethylbenzene	0.001	mg/L	< 0.001	< 0.001
m&p-Xylenes	0.002	mg/L	< 0.002	< 0.002
o-Xylene	0.001	mg/L	< 0.001	< 0.001
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003
4-Bromofluorobenzene (surr.)	1	%	98	91
Polycyclic Aromatic Hydrocarbons				
Acenaphthene	0.001	mg/L	< 0.001	< 0.001
Acenaphthylene	0.001	mg/L	< 0.001	< 0.001
Anthracene	0.001	mg/L	< 0.001	< 0.001
Benz(a)anthracene	0.001	mg/L	< 0.001	< 0.001
Benzo(a)pyrene	0.001	mg/L	< 0.001	< 0.001
Benzo(b&j)fluoranthene[N07]	0.001	mg/L	< 0.001	< 0.001
Benzo(g.h.i)perylene	0.001	mg/L	< 0.001	< 0.001
Benzo(k)fluoranthene	0.001	mg/L	< 0.001	< 0.001
Chrysene	0.001	mg/L	< 0.001	< 0.001
Dibenz(a.h)anthracene	0.001	mg/L	< 0.001	< 0.001
Fluoranthene	0.001	mg/L	< 0.001	< 0.001
Fluorene	0.001	mg/L	< 0.001	< 0.001
Indeno(1.2.3-cd)pyrene	0.001	mg/L	< 0.001	< 0.001

Client Sample ID			Rin-H	Rin-SC
Sample Matrix			Water	Water
Eurofins Sample No.			S25-Jn0010768	S25-Jn0010769
Date Sampled			May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit		
Polycyclic Aromatic Hydrocarbons				
Naphthalene	0.001	mg/L	< 0.001	< 0.001
Phenanthrene	0.001	mg/L	< 0.001	< 0.001
Pyrene	0.001	mg/L	< 0.001	< 0.001
Total PAH*	0.001	mg/L	< 0.001	< 0.001
2-Fluorobiphenyl (surr.)	1	%	83	82
p-Terphenyl-d14 (surr.)	1	%	INT	INT
Organochlorine Pesticides				
Chlordanes - Total	0.002	mg/L	< 0.002	< 0.002
4.4'-DDD	0.0002	mg/L	< 0.0002	< 0.0002
4.4'-DDE	0.0002	mg/L	< 0.0002	< 0.0002
4.4'-DDT	0.0002	mg/L	< 0.0002	< 0.0002
a-HCH	0.0002	mg/L	< 0.0002	< 0.0002
Aldrin	0.0002	mg/L	< 0.0002	< 0.0002
b-HCH	0.0002	mg/L	< 0.0002	< 0.0002
d-HCH	0.0002	mg/L	< 0.0002	< 0.0002
Dieldrin	0.0002	mg/L	< 0.0002	< 0.0002
Endosulfan I	0.0002	mg/L	< 0.0002	< 0.0002
Endosulfan II	0.0002	mg/L	< 0.0002	< 0.0002
Endosulfan sulphate	0.0002	mg/L	< 0.0002	< 0.0002
Endrin	0.0002	mg/L	< 0.0002	< 0.0002
Endrin aldehyde	0.0002	mg/L	< 0.0002	< 0.0002
Endrin ketone	0.0002	mg/L	< 0.0002	< 0.0002
g-HCH (Lindane)	0.0002	mg/L	< 0.0002	< 0.0002
Heptachlor	0.0002	mg/L	< 0.0002	< 0.0002
Heptachlor epoxide	0.0002	mg/L	< 0.0002	< 0.0002
Hexachlorobenzene	0.0002	mg/L	< 0.0002	< 0.0002
Methoxychlor	0.0002	mg/L	< 0.0002	< 0.0002
Toxaphene	0.005	mg/L	< 0.005	< 0.005
Aldrin and Dieldrin (Total)*	0.0002	mg/L	< 0.0002	< 0.0002
DDT + DDE + DDD (Total)*	0.0002	mg/L	< 0.0002	< 0.0002
Vic EPA IWRG 621 OCP (Total)*	0.002	mg/L	< 0.002	< 0.002
Vic EPA IWRG 621 Other OCP (Total)*	0.002	mg/L	< 0.002	< 0.002
Dibutylchlorendate (surr.)	1	%	125	145
Tetrachloro-m-xylene (surr.)	1	%	INT	148
Organophosphorus Pesticides				
Azinphos-methyl	0.002	mg/L	< 0.002	< 0.002
Bolstar	0.002	mg/L	< 0.002	< 0.002
Chlorfenvinphos	0.02	mg/L	< 0.02	< 0.02
Chlorpyrifos	0.002	mg/L	< 0.002	< 0.002
Chlorpyrifos-methyl	0.002	mg/L	< 0.002	< 0.002
Coumaphos	0.02	mg/L	< 0.02	< 0.02
Demeton-S	0.002	mg/L	< 0.002	< 0.002
Demeton-O	0.002	mg/L	< 0.002	< 0.002
Diazinon	0.002	mg/L	< 0.002	< 0.002
Dichlorvos	0.002	mg/L	< 0.002	< 0.002
Dimethoate	0.002	mg/L	< 0.002	< 0.002
Disulfoton	0.002	mg/L	< 0.002	< 0.002
EPN	0.002	mg/L	< 0.002	< 0.002
Ethion	0.002	mg/L	< 0.002	< 0.002

Client Sample ID			Rin-H	Rin-SC
Sample Matrix			Water	Water
Eurofins Sample No.			S25-Jn0010768	S25-Jn0010769
Date Sampled			May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit		
Organophosphorus Pesticides				
Ethoprop	0.002	mg/L	< 0.002	< 0.002
Ethyl parathion	0.002	mg/L	< 0.002	< 0.002
Fenitrothion	0.002	mg/L	< 0.002	< 0.002
Fensulfothion	0.002	mg/L	< 0.002	< 0.002
Fenthion	0.002	mg/L	< 0.002	< 0.002
Malathion	0.002	mg/L	< 0.002	< 0.002
Merphos	0.002	mg/L	< 0.002	< 0.002
Methyl parathion	0.002	mg/L	< 0.002	< 0.002
Mevinphos	0.002	mg/L	< 0.002	< 0.002
Monocrotophos	0.002	mg/L	< 0.002	< 0.002
Naled	0.002	mg/L	< 0.002	< 0.002
Omethoate	0.02	mg/L	< 0.02	< 0.02
Phorate	0.002	mg/L	< 0.002	< 0.002
Pirimiphos-methyl	0.02	mg/L	< 0.02	< 0.02
Pyrazophos	0.002	mg/L	< 0.002	< 0.002
Ronnel	0.002	mg/L	< 0.002	< 0.002
Terbufos	0.002	mg/L	< 0.002	< 0.002
Tetrachlorvinphos	0.002	mg/L	< 0.002	< 0.002
Tokuthion	0.002	mg/L	< 0.002	< 0.002
Trichloronate	0.002	mg/L	< 0.002	< 0.002
Triphenylphosphate (surr.)	1	%	INT	INT
Polychlorinated Biphenyls				
Aroclor-1016	0.005	mg/L	< 0.005	< 0.005
Aroclor-1221	0.005	mg/L	< 0.005	< 0.005
Aroclor-1232	0.005	mg/L	< 0.005	< 0.005
Aroclor-1242	0.005	mg/L	< 0.005	< 0.005
Aroclor-1248	0.005	mg/L	< 0.005	< 0.005
Aroclor-1254	0.005	mg/L	< 0.005	< 0.005
Aroclor-1260	0.005	mg/L	< 0.005	< 0.005
Total PCB*	0.005	mg/L	< 0.005	< 0.005
Dibutylchlorendate (surr.)	1	%	125	145
Tetrachloro-m-xylene (surr.)	1	%	INT	148
Phenols (Halogenated)				
2-Chlorophenol	0.003	mg/L	< 0.003	< 0.003
2.4-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003
2.4.5-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01
2.4.6-Trichlorophenol	0.01	mg/L	< 0.01	< 0.01
2.6-Dichlorophenol	0.003	mg/L	< 0.003	< 0.003
4-Chloro-3-methylphenol	0.01	mg/L	< 0.01	< 0.01
Pentachlorophenol	0.01	mg/L	< 0.01	< 0.01
Tetrachlorophenols - Total	0.03	mg/L	< 0.03	< 0.03
Total Halogenated Phenol*	0.01	mg/L	< 0.01	< 0.01
Phenols (non-Halogenated)				
2-Cyclohexyl-4.6-dinitrophenol	0.1	mg/L	< 0.1	< 0.1
2-Methyl-4.6-dinitrophenol	0.03	mg/L	< 0.03	< 0.03
2-Nitrophenol	0.01	mg/L	< 0.01	< 0.01
2.4-Dimethylphenol	0.003	mg/L	< 0.003	< 0.003
2.4-Dinitrophenol	0.03	mg/L	< 0.03	< 0.03
2-Methylphenol (o-Cresol)	0.003	mg/L	< 0.003	< 0.003

Client Sample ID			Rin-H	Rin-SC
Sample Matrix			Water	Water
Eurofins Sample No.			S25-Jn0010768	S25-Jn0010769
Date Sampled			May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit		
Phenols (non-Halogenated)				
3&4-Methylphenol (m&p-Cresol)	0.006	mg/L	< 0.006	< 0.006
Total cresols*	0.01	mg/L	< 0.01	< 0.01
4-Nitrophenol	0.03	mg/L	< 0.03	< 0.03
Dinoseb	0.1	mg/L	< 0.1	< 0.1
Phenol	0.003	mg/L	< 0.003	< 0.003
Phenol-d6 (surr.)	1	%	78	89
Total Non-Halogenated Phenol*	0.1	mg/L	< 0.1	< 0.1
Heavy Metals				
Arsenic	0.001	mg/L	< 0.001	< 0.001
Cadmium	0.0002	mg/L	< 0.0002	< 0.0002
Chromium	0.001	mg/L	0.001	0.001
Copper	0.001	mg/L	< 0.001	< 0.001
Lead	0.001	mg/L	< 0.001	< 0.001
Mercury	0.0001	mg/L	< 0.0001	< 0.0001
Nickel	0.001	mg/L	< 0.001	< 0.001
Zinc	0.005	mg/L	< 0.005	< 0.005
Per- and Polyfluoroalkyl Substances (PFASs) - Short				
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	0.05	ug/L	< 0.05	< 0.05
13C2-6:2 FTSA (surr.)	1	%	99	65
Perfluorohexanesulfonic acid (PFHxS)[N11]	0.01	ug/L	< 0.01	< 0.01
Perfluorooctanesulfonic acid (PFOS)[N11]	0.01	ug/L	< 0.01	< 0.01
18O2-PFHxS (surr.)	1	%	102	58
13C8-PFOS (surr.)	1	%	103	51
Perfluorooctanoic acid (PFOA)[N11]	0.01	ug/L	< 0.01	< 0.01
13C8-PFOA (surr.)	1	%	90	53
Sum (PFHxS + PFOS)*	0.01	ug/L	< 0.01	< 0.01
Sum of US EPA PFAS (PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01

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	Jun 10, 2025	7 Days
Total Recoverable Hydrocarbons - 2013 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Jun 10, 2025	7 Days
Total Recoverable Hydrocarbons - 2013 NEPM Fractions - Method: LTM-ORG-2010 TRH C6-C40	Sydney	Jun 10, 2025	7 Days
BTEX - Method: LTM-ORG-2010 BTEX and Volatile TRH	Sydney	Jun 10, 2025	14 Days
Polycyclic Aromatic Hydrocarbons - Method: LTM-ORG-2130 PAH and Phenols in Soil and Water	Sydney	Jun 10, 2025	7 Days
Organochlorine Pesticides - Method: LTM-ORG-2220 OCP & PCB in Soil and Water	Sydney	Jun 10, 2025	7 Days
Organophosphorus Pesticides - Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS	Sydney	Jun 10, 2025	7 Days
Polychlorinated Biphenyls - Method: LTM-ORG-2220 OCP & PCB in Soil and Water	Sydney	Jun 10, 2025	7 Days
Phenols (Halogenated) - Method: LTM-ORG-2130 PAH and Phenols in Soil and Water	Sydney	Jun 10, 2025	7 Days
Phenols (non-Halogenated) - Method: LTM-ORG-2130 PAH and Phenols in Soil and Water	Sydney	Jun 10, 2025	7 Days
Metals M8 - Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS	Sydney	Jun 10, 2025	28 Days
Per- and Polyfluoroalkyl Substances (PFASs) - Short - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)	Sydney	Jun 11, 2025	28 Days

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
External Laboratory										X													
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**																		
1	TP101_0.1	May 27, 2025		Soil	S25-Jn0010706	X								X						X			X
2	TP102_0.1	May 27, 2025		Soil	S25-Jn0010707									X						X			X
3	TP103_0.1	May 27, 2025		Soil	S25-Jn0010708	X								X						X			X
4	TP104_0.1	May 27, 2025		Soil	S25-Jn0010709									X	X					X			
5	TP105_0.1	May 27, 2025		Soil	S25-Jn0010710									X	X					X			
6	TP106_0.1	May 27, 2025		Soil	S25-Jn0010711									X	X					X			
7	TP107_0.1	May 27, 2025		Soil	S25-Jn0010712	X								X						X			X
8	TP108_0.1	May 27, 2025		Soil	S25-Jn0010713	X					X			X		X				X			
9	TP108_0.3	May 27, 2025		Soil	S25-Jn0010714						X			X									X
10	TP108_1	May 27, 2025		Soil	S25-Jn0010715						X			X		X							
11	TP109_0.1	May 27, 2025		Soil	S25-Jn0010716								X	X			X			X			
12	TP110_0.1	May 27, 2025		Soil	S25-Jn0010717	X								X						X			X
13	TP110_0.5	May 27, 2025		Soil	S25-Jn0010718				X														

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Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
14	TP111_0.1	May 27, 2025		Soil	S25-Jn0010719	X								X						X			X
15	TP111_0.3	May 27, 2025		Soil	S25-Jn0010720	X								X		X							
16	TP111_1.1	May 27, 2025		Soil	S25-Jn0010721				X														
17	TP112_0.1	May 27, 2025		Soil	S25-Jn0010722						X			X						X			X
18	TP113_0.1	May 27, 2025		Soil	S25-Jn0010723								X	X				X		X			
19	TP114_0.1	May 27, 2025		Soil	S25-Jn0010724									X	X					X			
20	TP115_0.1	May 27, 2025		Soil	S25-Jn0010725	X								X						X			X
21	TP115_0.3	May 27, 2025		Soil	S25-Jn0010726									X		X							
22	TP115_2	May 27, 2025		Soil	S25-Jn0010727				X														
23	TP116_0.1	May 28, 2025		Soil	S25-Jn0010728	X								X						X			X
24	TP116_0.5	May 28, 2025		Soil	S25-Jn0010729	X								X		X							
25	TP117_0.1	May 28, 2025		Soil	S25-Jn0010730	X								X		X				X			
26	TP117_0.5	May 28, 2025		Soil	S25-Jn0010731	X								X						X			X
27	TP118_0.1	May 28, 2025		Soil	S25-Jn0010732	X					X		X	X				X		X			
28	TP118_1	May 28, 2025		Soil	S25-Jn0010733	X					X			X						X			X
29	TP119_0.1	May 28, 2025		Soil	S25-Jn0010734	X								X						X			X

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
30	TP120_0.1	May 28, 2025		Soil	S25-Jn0010735	X								X						X			X
31	TP121_0.1	May 28, 2025		Soil	S25-Jn0010736	X								X						X			X
32	TP121_0.3	May 28, 2025		Soil	S25-Jn0010737	X								X				X					
33	TP121_0.7	May 28, 2025		Soil	S25-Jn0010738			X															
34	TP122_0.1	May 28, 2025		Soil	S25-Jn0010739	X																	
35	TP122_0.3	May 28, 2025		Soil	S25-Jn0010740									X						X		X	
36	TP123_0.1	May 28, 2025		Soil	S25-Jn0010741	X					X			X						X			X
37	TP123_0.5	May 28, 2025		Soil	S25-Jn0010742	X					X			X		X				X			
38	TP124_0.1	May 28, 2025		Soil	S25-Jn0010743	X								X						X			X
39	TP125_0.1	May 28, 2025		Soil	S25-Jn0010744	X								X						X			X
40	TP125_0.3	May 28, 2025		Soil	S25-Jn0010745	X						X		X									
41	TP126_0.1	May 28, 2025		Soil	S25-Jn0010746	X								X						X			X
42	TP127_0.1	May 28, 2025		Soil	S25-Jn0010747	X								X						X			X
43	HA101_0.1	May 28, 2025		Soil	S25-Jn0010748	X								X						X			X
44	HA102_0.1	May 28, 2025		Soil	S25-Jn0010749	X								X						X			X
45	HA102-ACM-	May 29, 2025		Building	S25-Jn0010750		X																

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
	0-0.2			Materials																			
46	HA103_0.1	May 29, 2025		Soil	S25-Jn0010751	X								X						X			X
47	SED-1	May 29, 2025		Soil	S25-Jn0010755									X									X
48	SED-2	May 29, 2025		Soil	S25-Jn0010756									X									X
49	SED-3	May 29, 2025		Soil	S25-Jn0010757									X									X
50	QA300	May 29, 2025		Soil	S25-Jn0010760									X						X			X
51	QC300	May 29, 2025		Soil	S25-Jn0010761					X													
52	QA100	May 27, 2025		Soil	S25-Jn0010762									X						X			X
53	QC100	May 27, 2025		Soil	S25-Jn0010763					X													
54	QA200	May 28, 2025		Soil	S25-Jn0010764									X						X			X
55	QC200	May 28, 2025		Soil	S25-Jn0010765					X													
56	QA301	May 29, 2025		Soil	S25-Jn0010766									X									X
57	QC301	May 29, 2025		Soil	S25-Jn0010767					X													
58	Rin-H	May 29, 2025		Water	S25-Jn0010768															X			X
59	Rin-SC	May 29, 2025		Water	S25-Jn0010769															X			X
60	Trip Blank	May 29, 2025		Trip Blank	S25-Jn0010770														X				

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Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
60	Trip Blank	May 29, 2025		Trip Blank (solid)	S25-Jn0010770																		
61	Trip Spike	May 29, 2025		Trip Spike (solid)	S25-Jn0010771																X		
62	TP101_0.3	May 27, 2025		Soil	S25-Jn0010773				X														
63	TP101_0.5	May 27, 2025		Soil	S25-Jn0010774				X														
64	TP101_1	May 27, 2025		Soil	S25-Jn0010775				X														
65	TP101_1.4	May 27, 2025		Soil	S25-Jn0010776				X														
66	TP102_0.3	May 27, 2025		Soil	S25-Jn0010777				X														
67	TP102_0.5	May 27, 2025		Soil	S25-Jn0010778				X														
68	TP103_0.3	May 27, 2025		Soil	S25-Jn0010779									X		X							
69	TP103_0.5	May 27, 2025		Soil	S25-Jn0010780				X														
70	TP104_0.3	May 27, 2025		Soil	S25-Jn0010781				X														
71	TP104_0.5	May 27, 2025		Soil	S25-Jn0010782				X														
72	TP105_0.3	May 27, 2025		Soil	S25-Jn0010783				X														
73	TP105_0.5	May 27, 2025		Soil	S25-Jn0010784				X														

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Melbourne	Geelong	Sydney	Canberra	Brisbane	Newcastle
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228331
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 11, 2025
Priority: 5 Day
Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Asbestos - WA guidelines	Asbestos Absence /Presence	CANCELLED*	HOLD*	Split - External Lab*	Acid Sulfate Soils Field pH Test	Metals M8	Suite B14: OCP/OPP	Moisture Set	Eurofins Suite B10: BTEX/TRH/PAH/OCP/OPP/M8	Eurofins Suite B7	Eurofins Suite B4	Eurofins Suite B7A	BTEXN and Volatile TRH	Per- and Polyfluoroalkyl Substances (PFASs) - Short	BTEXN and Volatile TRH	Suite B10B:TRH/BTEXN/PAH/OCP/OPP/PCB/M8	Suite B10C: M8/BTEX/TRH/PAH/Phenol/OCP/OPP/PCB
Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
74	TP106_0.2	May 27, 2025		Soil	S25-Jn0010785				X														
75	TP107_0.3	May 27, 2025		Soil	S25-Jn0010786				X														
76	TP108_0.5	May 27, 2025		Soil	S25-Jn0010787						X												
77	TP109_0.3	May 27, 2025		Soil	S25-Jn0010788				X														
78	TP110_0.3	May 27, 2025		Soil	S25-Jn0010789				X														
79	TP111_0.7	May 27, 2025		Soil	S25-Jn0010790				X														
80	TP112_0.3	May 27, 2025		Soil	S25-Jn0010791						X			X						X			X
81	TP112_0.5	May 27, 2025		Soil	S25-Jn0010792						X												
82	TP112_1	May 27, 2025		Soil	S25-Jn0010793				X														
83	TP113_0.3	May 27, 2025		Soil	S25-Jn0010794	X								X									X
84	TP113_0.5	May 27, 2025		Soil	S25-Jn0010795				X														
85	TP114_0.3	May 27, 2025		Soil	S25-Jn0010796				X														
86	TP114_0.7	May 27, 2025		Soil	S25-Jn0010797				X														
87	TP115_0.5	May 27, 2025		Soil	S25-Jn0010798	X								X						X			X
88	TP115_1	May 27, 2025		Soil	S25-Jn0010799				X														
89	TP115_1.5	May 27, 2025		Soil	S25-Jn0010800				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
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Contact Name: Callum Laker

Eurofins Analytical Services Manager : Roopesh Rangarajan

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
90	TP116_0.3	May 28, 2025		Soil	S25-Jn0010801				X														
91	TP116_1	May 28, 2025		Soil	S25-Jn0010802				X														
92	TP117_0.3	May 28, 2025		Soil	S25-Jn0010803				X														
93	TP117_1	May 28, 2025		Soil	S25-Jn0010804				X														
94	TP117_1.3	May 28, 2025		Soil	S25-Jn0010805				X														
95	TP118_0.3	May 28, 2025		Soil	S25-Jn0010806						X												
96	TP118_0.5	May 28, 2025		Soil	S25-Jn0010807						X												
97	TP118_1.5	May 28, 2025		Soil	S25-Jn0010808						X												
98	TP118_2	May 28, 2025		Soil	S25-Jn0010809						X												
99	TP118_2.5	May 28, 2025		Soil	S25-Jn0010810				X														
100	TP119_0.3	May 28, 2025		Soil	S25-Jn0010811				X														
101	TP119_0.5	May 28, 2025		Soil	S25-Jn0010812				X														
102	TP119_1	May 28, 2025		Soil	S25-Jn0010813				X														
103	TP120_0.3	May 28, 2025		Soil	S25-Jn0010814				X														
104	TP120_0.7	May 28, 2025		Soil	S25-Jn0010815				X														
105	TP122_0.5	May 28, 2025		Soil	S25-Jn0010816				X														

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Eurofins Analytical Services Manager : Roopesh Rangarajan

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
106	TP122_1	May 28, 2025		Soil	S25-Jn0010817				X														
107	TP122_1.7	May 28, 2025		Soil	S25-Jn0010818				X														
108	TP122_2.2	May 28, 2025		Soil	S25-Jn0010819				X														
109	TP122_2.7	May 28, 2025		Soil	S25-Jn0010820									X		X							
110	TP123_1	May 28, 2025		Soil	S25-Jn0010821						X												
111	TP123_1.5	May 28, 2025		Soil	S25-Jn0010822						X												
112	TP123_2.5	May 28, 2025		Soil	S25-Jn0010823						X												
113	TP123_3.5	May 28, 2025		Soil	S25-Jn0010824						X												
114	TP124_0.3	May 28, 2025		Soil	S25-Jn0010825	X								X		X							
115	TP124_0.8	May 28, 2025		Soil	S25-Jn0010826				X														
116	TP126_0.3	May 28, 2025		Soil	S25-Jn0010827				X														
117	TP126_0.5	May 28, 2025		Soil	S25-Jn0010828				X														
118	TP127_0.3	May 28, 2025		Soil	S25-Jn0010829				X														
119	TP127_0.5	May 28, 2025		Soil	S25-Jn0010830				X														
120	HA101_0.3	May 28, 2025		Soil	S25-Jn0010831				X														
121	HA101_0.5	May 28, 2025		Soil	S25-Jn0010832				X														

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Fax:

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
122	HA101_1	May 28, 2025		Soil	S25-Jn0010833				X														
123	HA102_0.3	May 29, 2025		Soil	S25-Jn0010834				X														
124	HA102_0.5	May 29, 2025		Soil	S25-Jn0010835				X														
125	HA102_0.9	May 29, 2025		Soil	S25-Jn0010836	X								X						X			X
126	HA103_0.5	May 29, 2025		Soil	S25-Jn0010837				X														
127	HA103_0.8	May 29, 2025		Soil	S25-Jn0010838				X														
128	QA101	May 27, 2025		Soil	S25-Jn0010839				X														
129	QC101	May 27, 2025		Soil	S25-Jn0010840				X														
130	QA102	May 27, 2025		Soil	S25-Jn0010841									X						X			X
131	QC102	May 27, 2025		Soil	S25-Jn0010842					X													
132	QA103	May 27, 2025		Soil	S25-Jn0010843				X														
133	QC103	May 27, 2025		Soil	S25-Jn0010844				X														
134	QA201	May 28, 2025		Soil	S25-Jn0010845						X			X						X			X
135	QC201	May 28, 2025		Soil	S25-Jn0010846					X													
136	Rin-G	May 29, 2025		Soil	S25-Jn0010847				X														
137	Rin-PFAS	May 29, 2025		Water	S25-Jn0010848				X														

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Melbourne Laboratory - NATA # 1261 Site # 1254																							
Sydney Laboratory - NATA # 1261 Site # 18217						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
138	TP118_1.5_B	May 27, 2025		Soil	S25-Jn0011699				X														
139	TP108_0.5_B	May 27, 2025		Soil	S25-Jn0011700				X														
140	SP1	May 27, 2025		Soil	S25-Jn0011756	X								X						X			X
Test Counts						34	1	1	60	6	20	1	3	57	4	10	1	3	1	44	1	1	39

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 (*bis*-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 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 C6-C10	mg/L	< 0.02			0.02	Pass	
TRH >C10-C16	mg/L	< 0.05			0.05	Pass	
Naphthalene	mg/L	< 0.01			0.01	Pass	
TRH >C16-C34	mg/L	< 0.1			0.1	Pass	
TRH >C34-C40	mg/L	< 0.1			0.1	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							
Heavy Metals							
Arsenic	mg/L	< 0.001			0.001	Pass	
Cadmium	mg/L	< 0.0002			0.0002	Pass	
Chromium	mg/L	< 0.001			0.001	Pass	
Copper	mg/L	< 0.001			0.001	Pass	
Lead	mg/L	< 0.001			0.001	Pass	
Mercury	mg/L	< 0.0001			0.0001	Pass	
Nickel	mg/L	< 0.001			0.001	Pass	
Zinc	mg/L	< 0.005			0.005	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	mg/L	< 0.001			0.001	Pass	
Acenaphthylene	mg/L	< 0.001			0.001	Pass	
Anthracene	mg/L	< 0.001			0.001	Pass	
Benz(a)anthracene	mg/L	< 0.001			0.001	Pass	
Benzo(a)pyrene	mg/L	< 0.001			0.001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.001			0.001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.001			0.001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.001			0.001	Pass	
Chrysene	mg/L	< 0.001			0.001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.001			0.001	Pass	
Fluoranthene	mg/L	< 0.001			0.001	Pass	
Fluorene	mg/L	< 0.001			0.001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.001			0.001	Pass	
Naphthalene	mg/L	< 0.001			0.001	Pass	
Phenanthrene	mg/L	< 0.001			0.001	Pass	
Pyrene	mg/L	< 0.001			0.001	Pass	
Method Blank							
Organochlorine Pesticides							
Chlordanes - Total	mg/L	< 0.002			0.002	Pass	
4.4'-DDD	mg/L	< 0.0002			0.0002	Pass	
4.4'-DDE	mg/L	< 0.0002			0.0002	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4.4'-DDT	mg/L	< 0.0002			0.0002	Pass	
a-HCH	mg/L	< 0.0002			0.0002	Pass	
Aldrin	mg/L	< 0.0002			0.0002	Pass	
b-HCH	mg/L	< 0.0002			0.0002	Pass	
d-HCH	mg/L	< 0.0002			0.0002	Pass	
Dieldrin	mg/L	< 0.0002			0.0002	Pass	
Endosulfan I	mg/L	< 0.0002			0.0002	Pass	
Endosulfan II	mg/L	< 0.0002			0.0002	Pass	
Endosulfan sulphate	mg/L	< 0.0002			0.0002	Pass	
Endrin	mg/L	< 0.0002			0.0002	Pass	
Endrin aldehyde	mg/L	< 0.0002			0.0002	Pass	
Endrin ketone	mg/L	< 0.0002			0.0002	Pass	
g-HCH (Lindane)	mg/L	< 0.0002			0.0002	Pass	
Heptachlor	mg/L	< 0.0002			0.0002	Pass	
Heptachlor epoxide	mg/L	< 0.0002			0.0002	Pass	
Hexachlorobenzene	mg/L	< 0.0002			0.0002	Pass	
Methoxychlor	mg/L	< 0.0002			0.0002	Pass	
Toxaphene	mg/L	< 0.005			0.005	Pass	
Method Blank							
Organophosphorus Pesticides							
Azinphos-methyl	mg/L	< 0.002			0.002	Pass	
Bolstar	mg/L	< 0.002			0.002	Pass	
Chlorfenvinphos	mg/L	< 0.02			0.02	Pass	
Chlorpyrifos	mg/L	< 0.002			0.002	Pass	
Chlorpyrifos-methyl	mg/L	< 0.002			0.002	Pass	
Coumaphos	mg/L	< 0.02			0.02	Pass	
Demeton-S	mg/L	< 0.002			0.002	Pass	
Demeton-O	mg/L	< 0.002			0.002	Pass	
Diazinon	mg/L	< 0.002			0.002	Pass	
Dichlorvos	mg/L	< 0.002			0.002	Pass	
Dimethoate	mg/L	< 0.002			0.002	Pass	
Disulfoton	mg/L	< 0.002			0.002	Pass	
EPN	mg/L	< 0.002			0.002	Pass	
Ethion	mg/L	< 0.002			0.002	Pass	
Ethoprop	mg/L	< 0.002			0.002	Pass	
Ethyl parathion	mg/L	< 0.002			0.002	Pass	
Fenitrothion	mg/L	< 0.002			0.002	Pass	
Fensulfothion	mg/L	< 0.002			0.002	Pass	
Fenthion	mg/L	< 0.002			0.002	Pass	
Malathion	mg/L	< 0.002			0.002	Pass	
Merphos	mg/L	< 0.002			0.002	Pass	
Methyl parathion	mg/L	< 0.002			0.002	Pass	
Mevinphos	mg/L	< 0.002			0.002	Pass	
Monocrotophos	mg/L	< 0.002			0.002	Pass	
Naled	mg/L	< 0.002			0.002	Pass	
Omethoate	mg/L	< 0.02			0.02	Pass	
Phorate	mg/L	< 0.002			0.002	Pass	
Pirimiphos-methyl	mg/L	< 0.02			0.02	Pass	
Pyrazophos	mg/L	< 0.002			0.002	Pass	
Ronnel	mg/L	< 0.002			0.002	Pass	
Terbufos	mg/L	< 0.002			0.002	Pass	
Tetrachlorvinphos	mg/L	< 0.002			0.002	Pass	
Tokuthion	mg/L	< 0.002			0.002	Pass	
Trichloronate	mg/L	< 0.002			0.002	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Method Blank							
Polychlorinated Biphenyls							
Aroclor-1016	mg/L	< 0.005			0.005	Pass	
Aroclor-1221	mg/L	< 0.005			0.005	Pass	
Aroclor-1232	mg/L	< 0.005			0.005	Pass	
Aroclor-1242	mg/L	< 0.005			0.005	Pass	
Aroclor-1248	mg/L	< 0.005			0.005	Pass	
Aroclor-1254	mg/L	< 0.005			0.005	Pass	
Aroclor-1260	mg/L	< 0.005			0.005	Pass	
Total PCB*	mg/L	< 0.005			0.005	Pass	
Method Blank							
Phenols (Halogenated)							
2-Chlorophenol	mg/L	< 0.003			0.003	Pass	
2.4-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.01			0.01	Pass	
2.6-Dichlorophenol	mg/L	< 0.003			0.003	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.01			0.01	Pass	
Pentachlorophenol	mg/L	< 0.01			0.01	Pass	
Tetrachlorophenols - Total	mg/L	< 0.03			0.03	Pass	
Method Blank							
Phenols (non-Halogenated)							
2-Cyclohexyl-4.6-dinitrophenol	mg/L	< 0.1			0.1	Pass	
2-Methyl-4.6-dinitrophenol	mg/L	< 0.03			0.03	Pass	
2-Nitrophenol	mg/L	< 0.01			0.01	Pass	
2.4-Dimethylphenol	mg/L	< 0.003			0.003	Pass	
2.4-Dinitrophenol	mg/L	< 0.03			0.03	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.003			0.003	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.006			0.006	Pass	
4-Nitrophenol	mg/L	< 0.03			0.03	Pass	
Dinoseb	mg/L	< 0.1			0.1	Pass	
Phenol	mg/L	< 0.003			0.003	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/L	< 0.05			0.05	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/L	< 0.01			0.01	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/L	< 0.01			0.01	Pass	
Perfluorooctanoic acid (PFOA)	ug/L	< 0.01			0.01	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons							
TRH C6-C9	%	106			70-130	Pass	
TRH C10-C14	%	112			70-130	Pass	
TRH C6-C10	%	103			70-130	Pass	
TRH >C10-C16	%	110			70-130	Pass	
Naphthalene	%	123			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	104			70-130	Pass	
Toluene	%	104			70-130	Pass	
Ethylbenzene	%	107			70-130	Pass	
m&p-Xylenes	%	108			70-130	Pass	
o-Xylene	%	110			70-130	Pass	
Xylenes - Total*	%	109			70-130	Pass	
LCS - % Recovery							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Polycyclic Aromatic Hydrocarbons							
Benzo(a)pyrene	%	73			70-130	Pass	
Benzo(b&j)fluoranthene	%	87			70-130	Pass	
Phenanthrene	%	72			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
Chlordanes - Total	%	71			70-130	Pass	
4.4'-DDE	%	73			70-130	Pass	
a-HCH	%	74			70-130	Pass	
Aldrin	%	72			70-130	Pass	
b-HCH	%	83			70-130	Pass	
d-HCH	%	72			70-130	Pass	
Endosulfan I	%	76			70-130	Pass	
Endosulfan II	%	81			70-130	Pass	
g-HCH (Lindane)	%	76			70-130	Pass	
Heptachlor epoxide	%	73			70-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides							
Dimethoate	%	76			70-130	Pass	
Ethion	%	76			70-130	Pass	
Fenitrothion	%	90			70-130	Pass	
Methyl parathion	%	96			70-130	Pass	
Mevinphos	%	74			70-130	Pass	
LCS - % Recovery							
Polychlorinated Biphenyls							
Aroclor-1260	%	78			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	105			80-120	Pass	
Cadmium	%	101			80-120	Pass	
Chromium	%	106			80-120	Pass	
Copper	%	103			80-120	Pass	
Lead	%	106			80-120	Pass	
Mercury	%	108			80-120	Pass	
Nickel	%	105			80-120	Pass	
Zinc	%	102			80-120	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons							
Acenaphthene	%	75			70-130	Pass	
Acenaphthylene	%	80			70-130	Pass	
Anthracene	%	76			70-130	Pass	
Benz(a)anthracene	%	78			70-130	Pass	
Benzo(g.h.i)perylene	%	76			70-130	Pass	
Benzo(k)fluoranthene	%	71			70-130	Pass	
Chrysene	%	74			70-130	Pass	
Dibenz(a.h)anthracene	%	88			70-130	Pass	
Fluoranthene	%	72			70-130	Pass	
Fluorene	%	73			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	78			70-130	Pass	
Naphthalene	%	77			70-130	Pass	
Pyrene	%	72			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides							
4.4'-DDD	%	71			70-130	Pass	

Test			Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4.4'-DDT			%	102			70-130	Pass	
Dieldrin			%	79			70-130	Pass	
Endosulfan sulphate			%	99			70-130	Pass	
Endrin			%	80			70-130	Pass	
Endrin aldehyde			%	95			70-130	Pass	
Endrin ketone			%	77			70-130	Pass	
Hexachlorobenzene			%	81			70-130	Pass	
Methoxychlor			%	71			70-130	Pass	
LCS - % Recovery									
Phenols (Halogenated)									
2-Chlorophenol			%	71			25-140	Pass	
2.4-Dichlorophenol			%	79			25-140	Pass	
2.4.5-Trichlorophenol			%	71			25-140	Pass	
2.4.6-Trichlorophenol			%	80			25-140	Pass	
2.6-Dichlorophenol			%	79			25-140	Pass	
4-Chloro-3-methylphenol			%	75			25-140	Pass	
Pentachlorophenol			%	75			25-140	Pass	
Tetrachlorophenols - Total			%	87			25-140	Pass	
LCS - % Recovery									
Phenols (non-Halogenated)									
2-Cyclohexyl-4.6-dinitrophenol			%	75			25-140	Pass	
2-Methyl-4.6-dinitrophenol			%	80			25-140	Pass	
2-Nitrophenol			%	65			25-140	Pass	
2.4-Dimethylphenol			%	70			25-140	Pass	
2.4-Dinitrophenol			%	94			25-140	Pass	
2-Methylphenol (o-Cresol)			%	75			25-140	Pass	
3&4-Methylphenol (m&p-Cresol)			%	68			25-140	Pass	
4-Nitrophenol			%	44			25-140	Pass	
Dinoseb			%	84			25-140	Pass	
Phenol			%	49			25-140	Pass	
LCS - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short									
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)			%	84			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)			%	77			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)			%	81			50-150	Pass	
Perfluorooctanoic acid (PFOA)			%	80			50-150	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	N25-Jn0017491	NCP	%	107			70-130	Pass	
TRH C10-C14	S25-Jn0017312	NCP	%	81			70-130	Pass	
TRH C6-C10	N25-Jn0017491	NCP	%	106			70-130	Pass	
TRH >C10-C16	S25-Jn0017312	NCP	%	74			70-130	Pass	
Naphthalene	N25-Jn0017491	NCP	%	102			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	N25-Jn0017491	NCP	%	107			70-130	Pass	
Toluene	N25-Jn0017491	NCP	%	109			70-130	Pass	
Ethylbenzene	N25-Jn0017491	NCP	%	111			70-130	Pass	
m&p-Xylenes	N25-Jn0017491	NCP	%	114			70-130	Pass	
o-Xylene	N25-Jn0017491	NCP	%	114			70-130	Pass	
Xylenes - Total*	N25-Jn0017491	NCP	%	114			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Endosulfan sulphate	S25-Jn0005590	NCP	%	99			70-130	Pass	
Endrin aldehyde	S25-Jn0005590	NCP	%	92			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	N25-Jn0014075	NCP	%	94			75-125	Pass	
Cadmium	N25-Jn0014075	NCP	%	93			75-125	Pass	
Chromium	N25-Jn0014075	NCP	%	95			75-125	Pass	
Copper	N25-Jn0014075	NCP	%	93			75-125	Pass	
Lead	N25-Jn0014075	NCP	%	96			75-125	Pass	
Mercury	N25-Jn0014075	NCP	%	98			75-125	Pass	
Nickel	N25-Jn0014075	NCP	%	95			75-125	Pass	
Zinc	N25-Jn0014075	NCP	%	91			75-125	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0007705	NCP	%	103			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0007705	NCP	%	76			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0007705	NCP	%	84			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0007705	NCP	%	87			50-150	Pass	
Spike - % Recovery									
Organochlorine Pesticides				Result 1					
Chlordanes - Total	S25-Jn0010769	CP	%	89			70-130	Pass	
4.4'-DDD	S25-Jn0010769	CP	%	89			70-130	Pass	
4.4'-DDE	S25-Jn0010769	CP	%	94			70-130	Pass	
4.4'-DDT	S25-Jn0010769	CP	%	125			70-130	Pass	
a-HCH	S25-Jn0010769	CP	%	102			70-130	Pass	
Aldrin	S25-Jn0010769	CP	%	77			70-130	Pass	
b-HCH	S25-Jn0010769	CP	%	86			70-130	Pass	
d-HCH	S25-Jn0010769	CP	%	92			70-130	Pass	
Dieldrin	S25-Jn0010769	CP	%	110			70-130	Pass	
Endosulfan I	S25-Jn0010769	CP	%	86			70-130	Pass	
Endosulfan II	S25-Jn0010769	CP	%	96			70-130	Pass	
Endrin	S25-Jn0010769	CP	%	113			70-130	Pass	
Endrin ketone	S25-Jn0010769	CP	%	110			70-130	Pass	
g-HCH (Lindane)	S25-Jn0010769	CP	%	98			70-130	Pass	
Heptachlor	S25-Jn0010769	CP	%	81			70-130	Pass	
Heptachlor epoxide	S25-Jn0010769	CP	%	75			70-130	Pass	
Hexachlorobenzene	S25-Jn0010769	CP	%	94			70-130	Pass	
Methoxychlor	S25-Jn0010769	CP	%	80			70-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides				Result 1					
Diazinon	S25-Jn0010769	CP	%	79			70-130	Pass	
Dimethoate	S25-Jn0010769	CP	%	73			70-130	Pass	
Ethion	S25-Jn0010769	CP	%	72			70-130	Pass	
Fenitrothion	S25-Jn0010769	CP	%	76			70-130	Pass	
Methyl parathion	S25-Jn0010769	CP	%	73			70-130	Pass	
Mevinphos	S25-Jn0010769	CP	%	86			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls				Result 1					
Aroclor-1016	S25-Jn0010769	CP	%	78			70-130	Pass	
Aroclor-1260	S25-Jn0010769	CP	%	84			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 C6-C9	S25-Jn0010768	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH C10-C14	S25-Jn0005589	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
TRH C15-C28	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C29-C36	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C6-C10	S25-Jn0010768	CP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH >C10-C16	S25-Jn0005589	NCP	mg/L	< 0.05	< 0.05	<1	30%	Pass	
Naphthalene	S25-Jn0010768	CP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
TRH >C16-C34	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH >C34-C40	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	S25-Jn0010768	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	S25-Jn0010768	CP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons				Result 1	Result 2	RPD			
Acenaphthene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Acenaphthylene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Anthracene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benz(a)anthracene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(a)pyrene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(b&j)fluoranthene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(g.h.i)perylene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Benzo(k)fluoranthene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chrysene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dibenz(a.h)anthracene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluoranthene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fluorene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Naphthalene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Phenanthrene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Pyrene	S25-Jn0005589	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
Chlordanes - Total	S25-Jn0010768	CP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
4.4'-DDD	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
4.4'-DDE	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
4.4'-DDT	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
a-HCH	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Aldrin	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
b-HCH	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
d-HCH	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Dieldrin	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan I	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan II	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endosulfan sulphate	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin aldehyde	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Endrin ketone	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	

Duplicate									
Organochlorine Pesticides				Result 1	Result 2	RPD			
g-HCH (Lindane)	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Heptachlor	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Heptachlor epoxide	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Hexachlorobenzene	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Methoxychlor	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Toxaphene	S25-Jn0010768	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides				Result 1	Result 2	RPD			
Azinphos-methyl	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Bolstar	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Chlorfenvinphos	S25-Jn0005589	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Chlorpyrifos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Chlorpyrifos-methyl	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Coumaphos	S25-Jn0005589	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Demeton-S	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Demeton-O	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Diazinon	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Dichlorvos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Dimethoate	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Disulfoton	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
EPN	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethoprop	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ethyl parathion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fenitrothion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fensulfothion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Fenthion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Malathion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Merphos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Methyl parathion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Mevinphos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Monocrotophos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Naled	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Omethoate	S25-Jn0005589	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Phorate	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Pirimiphos-methyl	S25-Jn0005589	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
Pyrazophos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Ronnel	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Terbufos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Tetrachlorvinphos	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Tokuthion	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Trichloronate	S25-Jn0005589	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls				Result 1	Result 2	RPD			
Aroclor-1016	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1221	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1232	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1242	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1248	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1254	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Aroclor-1260	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Total PCB*	S25-Jn0005589	NCP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Duplicate									
Phenols (Halogenated)				Result 1	Result 2	RPD			
2-Chlorophenol	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dichlorophenol	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4.5-Trichlorophenol	S25-Jn0005589	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4.6-Trichlorophenol	S25-Jn0005589	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.6-Dichlorophenol	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
4-Chloro-3-methylphenol	S25-Jn0005589	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Pentachlorophenol	S25-Jn0005589	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Tetrachlorophenols - Total	S25-Jn0005589	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated)				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	S25-Jn0005589	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2-Nitrophenol	S25-Jn0005589	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2.4-Dimethylphenol	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
2.4-Dinitrophenol	S25-Jn0005589	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
2-Methylphenol (o-Cresol)	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	S25-Jn0005589	NCP	mg/L	< 0.006	< 0.006	<1	30%	Pass	
4-Nitrophenol	S25-Jn0005589	NCP	mg/L	< 0.03	< 0.03	<1	30%	Pass	
Dinoseb	S25-Jn0005589	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Phenol	S25-Jn0005589	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Cadmium	S25-Jn0010768	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Chromium	S25-Jn0010768	CP	mg/L	0.001	0.002	23	30%	Pass	
Copper	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Lead	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Mercury	S25-Jn0010768	CP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel	S25-Jn0010768	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Zinc	S25-Jn0010768	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0007714	NCP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0007714	NCP	ug/L	0.02	0.02	7.0	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0007714	NCP	ug/L	0.02	0.02	9.0	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0007714	NCP	ug/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010769	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Cadmium	S25-Jn0010769	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Chromium	S25-Jn0010769	CP	mg/L	0.001	0.001	9.0	30%	Pass	
Copper	S25-Jn0010769	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Lead	S25-Jn0010769	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Mercury	S25-Jn0010769	CP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel	S25-Jn0010769	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Zinc	S25-Jn0010769	CP	mg/L	< 0.005	< 0.005	<1	30%	Pass	

Comments

Report 1228331-W-V2 (amendment to report 1228331-W) has been issued with revised results for PFAS Short on samples 25-Jn0010728 and 25-Jn0010733, following repeat analysis.

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	No
Sample containers for volatile analysis received with minimal headspace	Yes
Samples received within HoldingTime	N/A
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.
N07	Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.

Authorised by:

Sharlene Santos	Analytical Services Manager
Mickael Ros	Senior Analyst-Metal
Raymond Siu	Senior Analyst-Volatile
Roopesh Rangarajan	Senior Analyst-Organic
Roopesh Rangarajan	Senior Analyst-PFAS

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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Stantec

CHAIN OF CUSTODY AND ANALYSIS REQUEST

Samples delivered to Eurofins 5.30 PM 29.05.2025

Contact Person:	Callum Laker	Project Name:	Milton PS
Telephone Number:	488706367	Project Number:	305001663
Alternative Contact:	Sanka Gunarathna	PO No.:	
Telephone Number:	480331125	Project Specific Quote No. :	
Sampler:	Sanka Gunarathna	Turnaround Requirements:	Standard TAT
Email Address (results and invoice):	callum.laker@stantec.com ; sanka.gunarathna@stantec.com	Lab:	Eurofins
Address: Level 9 - The Forum, 203 Pacific Highway, St Leonards, New South Wales 2065 Australia		Attn:	Sample Receipt

Sample Information						Analysis Required													Comments
Stantec Sample ID	Laboratory Sample ID	No. Containers	Container Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Date sampled	Matrix	8021 TRH,BTEX	8270SIM PAH (trace level), Phenols (trace level)	8081TEM OCP (trace), PCB (trace)	Total nitrogen compounds	Total phosphorous	Total Metals (Dissolved)	Total Metals (Total)	PFAS short suite	PFAS (trace level)					
SW-01			2GV,4PB,,GB	29/05/2025	Water	X	X	X	X	x	X	X	X	X					
SW-02			2GV,4PB,,GB	29/05/2025	Water	X	X	X	X	x	X	X	X	X					
SW-03			2GV,4PB,,GB	29/05/2025	Water	X	X	X	X	x	X	X	X	X					
QA400			2GV,4PB,,GB	29/05/2025	Water	X	X	X	X	x	X	X	X	X					
QC400			2GV,4PB,,GB	29/05/2025	Water	X	X	X	X	x	X	X	X	X					Please send to ALS

Relinquished by: (name / company)	Sanka Gunarathna Stantec	Received by: (name / company)		Relinquished by: (name / company)		Received by: (name / company)	Amin Jenis	Relinquished by: (name / company)	
Date & Time:	4/6/2025	Date & Time:		Date & Time:		Date & Time:		Date & Time:	
Signature:	SG	Signature:		Signature:		Signature:		Signature:	
Received by: (name / company)		Relinquished by: (name / company)		Received by: (name / company)		Relinquished by: (name / company)		Lab use: Samples Received: Cool or Ambient (circle one)	
Date & Time:		Date & Time:		Date & Time:		Date & Time:	4/6/25	Temperature Received at: -0.4 (if applicable)	
Signature:		Signature:		Signature:		Signature:		Transported by: Hand delivered / courier	

8:50PM

122862

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Eurofins Environment Testing Australia Pty Ltd

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Dandenong South	Grovedale	Girraween	Mitchell	Murarrie	Mayfield West
VIC 3175	VIC 3216	NSW 2145	ACT 2911	QLD 4172	NSW 2304
+61 3 8564 5000	+61 3 8564 5000	+61 2 9900 8400	+61 2 6113 8091	+61 7 3902 4600	+61 2 4968 8448
NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Penrose	Mount Wellington	Rolleston	Gate Pa
Auckland 1061	Auckland 1061	Christchurch 7675	Tauranga 3112
+64 9 526 4551	+64 9 525 0568	+64 3 343 5201	+64 9 525 0568
IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Sample Receipt Advice

Company name:	Stantec Australia Pty Ltd (NSW/ACT)
Contact name:	Sanka Gunarathna
Project name:	MILTON PS
Project ID:	3050016633
Turnaround time:	5 Day
Date/Time received	Jun 3, 2025 3:39 PM
Eurofins reference	1228626

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.
- ✓ 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

No appropriate container was received for nitrogen analysis, so the analysis has been cancelled./ QC400 SENT TO ALS.

Contact

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

Roopesh Rangarajan on phone : +61 2 9900 8400 or by email: EnviroSampleNSW@eurofinsanz.com

Results will be delivered electronically via email to Sanka Gunarathna - sanka.gunarathna@stantec.com.

Note: A copy of these results will also be delivered to the general Stantec Australia Pty Ltd (NSW/ACT) email address.

eurofins

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

Eurofins Environment Testing Australia Pty Ltd
ABN: 50 005 085 521

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

Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954

Auckland	Auckland (Focus)	Christchurch	Tauranga
35 O'Rorke Road	Unit C1/4 Pacific Rise	43 Detroit Drive	1277 Cameron Road
Penrose	Mount Wellington	Rolleston	Gate Pa
Auckland 1061	Auckland 1061	Christchurch 7675	Tauranga 3112
+64 9 526 4551	+64 9 525 0568	+64 3 343 5201	+64 9 525 0568
IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228626
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 13, 2025
Priority: 5 Day
Contact Name: Sanka Gunarathna

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Phosphate total (as P)	Split - External Lab*	Metals M8	Metals M8 filtered	Eurofins Suite B1	Per- and Polyfluoroalkyl Substances (PFASs) - Short	Organophosphorus Pesticides (Trace level)	Eurofins Suite B3 (Trace level)	Suite B13: OCP/PCB (trace level)
Melbourne Laboratory - NATA # 1261 Site # 1254										X		X	X	X
Sydney Laboratory - NATA # 1261 Site # 18217						X		X	X		X			
External Laboratory							X							
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	SW-01	May 29, 2025		Water	S25-Jn0010752	X		X	X	X	X	X	X	X
2	SW-02	May 29, 2025		Water	S25-Jn0010753	X		X	X	X	X	X	X	X
3	SW-03	May 29, 2025		Water	S25-Jn0010754	X		X	X	X	X	X	X	X
4	QA400	May 29, 2025		Water	S25-Jn0010758	X		X	X	X	X	X	X	X
5	QC400	May 29, 2025		Water	S25-Jn0010759		X							
Test Counts						4	1	4	4	4	4	4	4	4

eurofins | Environment Testing

Certificate of Analysis

Stantec Australia Pty Ltd
Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

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: **Sanka Gunarathna**

Report **1228626-W**
Project name MILTON PS
Project ID 3050016633
Received Date Jun 03, 2025

Client Sample ID			**SW-01**	**SW-02**	**SW-03**	**QA400**
Sample Matrix			**Water**	**Water**	**Water**	**Water**
Eurofins Sample No.			**S25-Jn0010752**	**S25-Jn0010753**	**S25-Jn0010754**	**S25-Jn0010758**
Date Sampled			**May 29, 2025**	**May 29, 2025**	**May 29, 2025**	**May 29, 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	0.15	0.20	0.12	0.06
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	0.15	0.2	0.12	0.16
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	0.06
TRH >C10-C16 less Naphthalene (F2)*[N01]	0.05	mg/L	< 0.05	< 0.05	< 0.05	0.06
TRH >C16-C34	0.1	mg/L	< 0.1	< 0.1	< 0.1	0.2
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	0.26
BTEX						
Benzene	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
Ethylbenzene	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
o-Xylene	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes - Total*	0.003	mg/L	< 0.003	< 0.003	< 0.003	< 0.003
4-Bromofluorobenzene (surr.)	1	%	89	90	83	137
Total Recoverable Hydrocarbons - 2013 NEPM Fractions						
Naphthalene[N02]	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Polycyclic Aromatic Hydrocarbons (Trace level)						
Acenaphthene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Acenaphthylene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Anthracene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Benz(a)anthracene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Benzo(a)pyrene - low level	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Benzo(b&j)fluoranthene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Benzo(g.h.i)perylene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Benzo(k)fluoranthene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Chrysene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Dibenz(a.h)anthracene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Fluoranthene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Fluorene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001

Client Sample ID			SW-01	SW-02	SW-03	QA400
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S25-Jn0010752	S25-Jn0010753	S25-Jn0010754	S25-Jn0010758
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Polycyclic Aromatic Hydrocarbons (Trace level)						
Indeno(1.2.3-cd)pyrene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Naphthalene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Phenanthrene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Pyrene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Total PAH*	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
2-Fluorobiphenyl (surr.)	1	%	55	54	53	55
p-Terphenyl-d14 (surr.)	1	%	58	56	54	58
Phenols (Halogenated) - Low level						
2-Chlorophenol	0.00005	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005
2.4-Dichlorophenol	0.00005	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005
2.4.5-Trichlorophenol	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
2.4.6-Trichlorophenol	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
2.6-Dichlorophenol	0.00005	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005
4-Chloro-3-methylphenol	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Pentachlorophenol	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachlorophenols - Total	0.0005	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Total Halogenated Phenol*	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phenols (non-Halogenated) - Low level						
2-Cyclohexyl-4.6-dinitrophenol	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
2-Methyl-4.6-dinitrophenol	0.0005	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2-Methylphenol (o-Cresol)	0.00005	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005
2-Nitrophenol	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
2.4-Dimethylphenol	0.00005	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005
2.4-Dinitrophenol	0.0005	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005
3&4-Methylphenol (m&p-Cresol)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
4-Nitrophenol	0.0005	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dinoseb	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Phenol	0.00005	mg/L	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Total Non-Halogenated Phenol*	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Phenol-d6 (surr.)	1	%	63	59	56	63
Organophosphorus Pesticides (Trace level)						
Azinphos-methyl	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Bolstar	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorfenvinphos	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Chlorpyrifos	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Chlorpyrifos-methyl	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Coumaphos	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Demeton-O	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Demeton-S	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Diazinon	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorvos	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dimethoate	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Disulfoton	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
EPN	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Ethion	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Ethoprop	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Ethyl parathion	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fenitrothion	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Fensulfothion	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001

Client Sample ID			SW-01	SW-02	SW-03	QA400
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S25-Jn0010752	S25-Jn0010753	S25-Jn0010754	S25-Jn0010758
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Organophosphorus Pesticides (Trace level)						
Fenthion	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Malathion	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Merphos	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Methyl parathion	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Mevinphos	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Monocrotophos	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Naled	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Omethoate	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Phorate	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Pirimiphos-methyl	0.01	mg/L	< 0.01	< 0.01	< 0.01	< 0.01
Pyrazophos	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Ronnel	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Terbufos	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachlorvinphos	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Tokuthion	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Trichloronate	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Triphenylphosphate (surr.)	1	%	58	56	55	58
Polychlorinated Biphenyls (PCB trace level)						
Aroclor-1016	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Aroclor-1221	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Aroclor-1232	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Aroclor-1242	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Aroclor-1248	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Aroclor-1254	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Aroclor-1260	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Total PCB*	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Dibutylchlorendate (surr.)	1	%	57	56	55	59
Tetrachloro-m-xylene (surr.)	1	%	55	54	53	56
Organochlorine Pesticides (Trace level)						
4.4'-DDD	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
4.4'-DDE	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
4.4'-DDT	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
a-HCH	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Aldrin	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
b-HCH	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Chlordanes - Total	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
d-HCH	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Dieldrin	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Endosulfan I	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Endosulfan II	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Endosulfan sulphate	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Endrin	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Endrin aldehyde	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Endrin ketone	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
g-HCH (Lindane)	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Heptachlor	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Heptachlor epoxide	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Hexachlorobenzene	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Methoxychlor	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001

Client Sample ID			SW-01	SW-02	SW-03	QA400
Sample Matrix			Water	Water	Water	Water
Eurofins Sample No.			S25-Jn0010752	S25-Jn0010753	S25-Jn0010754	S25-Jn0010758
Date Sampled			May 29, 2025	May 29, 2025	May 29, 2025	May 29, 2025
Test/Reference	LOR	Unit				
Organochlorine Pesticides (Trace level)						
Toxaphene	0.002	mg/L	< 0.002	< 0.002	< 0.002	< 0.002
DDT + DDE + DDD (Total)*	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Aldrin and Dieldrin (Total)*	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Vic EPA IWRG 621 OCP (Total)*	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Vic EPA IWRG 621 Other OCP (Total)*	0.00001	mg/L	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Phosphate total (as P)	0.01	mg/L	0.10	1.5	0.12	0.08
Heavy Metals						
Arsenic	0.001	mg/L	0.001	0.005	0.002	0.001
Arsenic (filtered)	0.001	mg/L	< 0.001	0.001	0.001	< 0.001
Cadmium	0.0002	mg/L	< 0.0002	0.0003	< 0.0002	< 0.0002
Cadmium (filtered)	0.0002	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chromium	0.001	mg/L	0.002	0.020	0.003	0.002
Chromium (filtered)	0.001	mg/L	0.002	0.002	0.002	0.002
Copper	0.001	mg/L	0.007	0.15	0.019	0.006
Copper (filtered)	0.001	mg/L	0.003	0.004	0.011	0.003
Lead	0.001	mg/L	< 0.001	0.031	< 0.001	< 0.001
Lead (filtered)	0.001	mg/L	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Mercury (filtered)	0.0001	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel	0.001	mg/L	< 0.001	0.009	0.004	< 0.001
Nickel (filtered)	0.001	mg/L	0.002	0.001	0.004	< 0.001
Zinc	0.005	mg/L	0.018	0.81	0.020	0.016
Zinc (filtered)	0.005	mg/L	0.009	0.008	0.011	0.010
Per- and Polyfluoroalkyl Substances (PFASs) - Short						
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11]	0.05	ug/L	< 0.05	< 0.05	< 0.05	< 0.05
13C2-6:2 FTSA (surr.)	1	%	94	105	97	103
Perfluorohexanesulfonic acid (PFHxS)[N11]	0.01	ug/L	< 0.01	< 0.01	[N09]0.04	< 0.01
Perfluorooctanesulfonic acid (PFOS)[N11]	0.01	ug/L	< 0.01	< 0.01	[N09]0.09	< 0.01
18O2-PFHxS (surr.)	1	%	110	107	111	103
13C8-PFOS (surr.)	1	%	107	102	105	106
Perfluorooctanoic acid (PFOA)[N11]	0.01	ug/L	< 0.01	< 0.01	< 0.01	< 0.01
13C8-PFOA (surr.)	1	%	96	94	106	99
Sum (PFHxS + PFOS)*	0.01	ug/L	< 0.01	< 0.01	0.13	< 0.01
Sum of US EPA PFAS (PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01	0.09	< 0.01
Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	0.01	ug/L	< 0.01	< 0.01	0.13	< 0.01

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
Eurofins Suite B1			
Total Recoverable Hydrocarbons - 1999 NEPM Fractions	Melbourne	Jun 10, 2025	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Jun 10, 2025	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
Total Recoverable Hydrocarbons - 2013 NEPM Fractions	Melbourne	Jun 10, 2025	7 Days
- Method: LTM-ORG-2010 TRH C6-C40			
BTEX	Melbourne	Jun 10, 2025	14 Days
- Method: LTM-ORG-2010 BTEX and Volatile TRH			
Polycyclic Aromatic Hydrocarbons (Trace level)	Melbourne	Jun 10, 2025	7 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water (trace)			
Phenols (Halogenated) - Low level	Melbourne	Jun 10, 2025	7 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water (trace)			
Phenols (non-Halogenated) - Low level	Melbourne	Jun 10, 2025	7 Days
- Method: LTM-ORG-2130 PAH and Phenols in Soil and Water (trace)			
Organophosphorus Pesticides (Trace level)	Melbourne	Jun 10, 2025	7 Days
- Method: LTM-ORG-2200 Organophosphorus Pesticides by GC-MS (USEPA 8270)			
Phosphate total (as P)	Sydney	Jun 10, 2025	28 Days
- Method: E052 Total Phosphate (as P)			
Metals M8	Sydney	Jun 10, 2025	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Metals M8 filtered	Sydney	Jun 10, 2025	28 Days
- Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS			
Per- and Polyfluoroalkyl Substances (PFASs) - Short	Sydney	Jun 12, 2025	28 Days
- Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS)			
Suite B13: OCP/PCB (trace level)			
Polychlorinated Biphenyls (PCB trace level)	Melbourne	Jun 10, 2025	7 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water (USEPA 8082) - low level			
Organochlorine Pesticides (Trace level)	Melbourne	Jun 10, 2025	7 Days
- Method: LTM-ORG-2220 OCP & PCB in Soil and Water (USEPA 8270) trace			

eurofins

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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Project Name: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1228626
Phone: (02) 9493 9700
Fax:

Received: Jun 3, 2025 3:39 PM
Due: Jun 13, 2025
Priority: 5 Day
Contact Name: Sanka Gunarathna

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Phosphate total (as P)	Split - External Lab*	Metals M8	Metals M8 filtered	Eurofins Suite B1	Per- and Polyfluoroalkyl Substances (PFASs) - Short	Organophosphorus Pesticides (Trace level)	Eurofins Suite B3 (Trace level)	Suite B13: OCP/PCB (trace level)
Melbourne Laboratory - NATA # 1261 Site # 1254										X		X	X	X
Sydney Laboratory - NATA # 1261 Site # 18217						X		X	X		X			
External Laboratory							X							
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**									
1	SW-01	May 29, 2025		Water	S25-Jn0010752	X		X	X	X	X	X	X	X
2	SW-02	May 29, 2025		Water	S25-Jn0010753	X		X	X	X	X	X	X	X
3	SW-03	May 29, 2025		Water	S25-Jn0010754	X		X	X	X	X	X	X	X
4	QA400	May 29, 2025		Water	S25-Jn0010758	X		X	X	X	X	X	X	X
5	QC400	May 29, 2025		Water	S25-Jn0010759		X							
Test Counts						4	1	4	4	4	4	4	4	4

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 (*bis*-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	
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 - 2013 NEPM Fractions							
Naphthalene	mg/L	< 0.01			0.01	Pass	
Method Blank							
Polycyclic Aromatic Hydrocarbons (Trace level)							
Acenaphthene	mg/L	< 0.00001			0.00001	Pass	
Acenaphthylene	mg/L	< 0.00001			0.00001	Pass	
Anthracene	mg/L	< 0.00001			0.00001	Pass	
Benz(a)anthracene	mg/L	< 0.00001			0.00001	Pass	
Benzo(a)pyrene - low level	mg/L	< 0.00001			0.00001	Pass	
Benzo(b&j)fluoranthene	mg/L	< 0.00001			0.00001	Pass	
Benzo(g.h.i)perylene	mg/L	< 0.00001			0.00001	Pass	
Benzo(k)fluoranthene	mg/L	< 0.00001			0.00001	Pass	
Chrysene	mg/L	< 0.00001			0.00001	Pass	
Dibenz(a.h)anthracene	mg/L	< 0.00001			0.00001	Pass	
Fluoranthene	mg/L	< 0.00001			0.00001	Pass	
Fluorene	mg/L	< 0.00001			0.00001	Pass	
Indeno(1.2.3-cd)pyrene	mg/L	< 0.00001			0.00001	Pass	
Naphthalene	mg/L	< 0.00001			0.00001	Pass	
Phenanthrene	mg/L	< 0.00001			0.00001	Pass	
Pyrene	mg/L	< 0.00001			0.00001	Pass	
Method Blank							
Phenols (Halogenated) - Low level							
2-Chlorophenol	mg/L	< 0.00005			0.00005	Pass	
2.4-Dichlorophenol	mg/L	< 0.00005			0.00005	Pass	
2.4.5-Trichlorophenol	mg/L	< 0.0001			0.0001	Pass	
2.4.6-Trichlorophenol	mg/L	< 0.0001			0.0001	Pass	
2.6-Dichlorophenol	mg/L	< 0.00005			0.00005	Pass	
4-Chloro-3-methylphenol	mg/L	< 0.0001			0.0001	Pass	
Pentachlorophenol	mg/L	< 0.001			0.001	Pass	
Tetrachlorophenols - Total	mg/L	< 0.0005			0.0005	Pass	
Method Blank							
Phenols (non-Halogenated) - Low level							
2-Cyclohexyl-4.6-dinitrophenol	mg/L	< 0.01			0.01	Pass	
2-Methyl-4.6-dinitrophenol	mg/L	< 0.0005			0.0005	Pass	
2-Methylphenol (o-Cresol)	mg/L	< 0.00005			0.00005	Pass	
2-Nitrophenol	mg/L	< 0.0001			0.0001	Pass	
2.4-Dimethylphenol	mg/L	< 0.00005			0.00005	Pass	
2.4-Dinitrophenol	mg/L	< 0.0005			0.0005	Pass	
3&4-Methylphenol (m&p-Cresol)	mg/L	< 0.0001			0.0001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
4-Nitrophenol	mg/L	< 0.0005			0.0005	Pass	
Dinoseb	mg/L	< 0.01			0.01	Pass	
Phenol	mg/L	< 0.00005			0.00005	Pass	
Method Blank							
Organophosphorus Pesticides (Trace level)							
Azinphos-methyl	mg/L	< 0.001			0.001	Pass	
Bolstar	mg/L	< 0.001			0.001	Pass	
Chlorfenvinphos	mg/L	< 0.001			0.001	Pass	
Chlorpyrifos	mg/L	< 0.01			0.01	Pass	
Chlorpyrifos-methyl	mg/L	< 0.001			0.001	Pass	
Coumaphos	mg/L	< 0.01			0.01	Pass	
Demeton-O	mg/L	< 0.001			0.001	Pass	
Demeton-S	mg/L	< 0.01			0.01	Pass	
Diazinon	mg/L	< 0.001			0.001	Pass	
Dichlorvos	mg/L	< 0.001			0.001	Pass	
Dimethoate	mg/L	< 0.001			0.001	Pass	
Disulfoton	mg/L	< 0.001			0.001	Pass	
EPN	mg/L	< 0.001			0.001	Pass	
Ethion	mg/L	< 0.001			0.001	Pass	
Ethoprop	mg/L	< 0.001			0.001	Pass	
Ethyl parathion	mg/L	< 0.001			0.001	Pass	
Fenitrothion	mg/L	< 0.001			0.001	Pass	
Fensulfothion	mg/L	< 0.001			0.001	Pass	
Fenthion	mg/L	< 0.001			0.001	Pass	
Malathion	mg/L	< 0.001			0.001	Pass	
Merphos	mg/L	< 0.001			0.001	Pass	
Methyl parathion	mg/L	< 0.001			0.001	Pass	
Mevinphos	mg/L	< 0.001			0.001	Pass	
Monocrotophos	mg/L	< 0.001			0.001	Pass	
Naled	mg/L	< 0.001			0.001	Pass	
Omethoate	mg/L	< 0.001			0.001	Pass	
Phorate	mg/L	< 0.001			0.001	Pass	
Pirimiphos-methyl	mg/L	< 0.01			0.01	Pass	
Pyrazophos	mg/L	< 0.001			0.001	Pass	
Ronnel	mg/L	< 0.001			0.001	Pass	
Terbufos	mg/L	< 0.001			0.001	Pass	
Tetrachlorvinphos	mg/L	< 0.001			0.001	Pass	
Tokuthion	mg/L	< 0.001			0.001	Pass	
Trichloronate	mg/L	< 0.001			0.001	Pass	
Method Blank							
Polychlorinated Biphenyls (PCB trace level)							
Aroclor-1016	mg/L	< 0.001			0.001	Pass	
Aroclor-1221	mg/L	< 0.001			0.001	Pass	
Aroclor-1232	mg/L	< 0.001			0.001	Pass	
Aroclor-1242	mg/L	< 0.001			0.001	Pass	
Aroclor-1248	mg/L	< 0.001			0.001	Pass	
Aroclor-1254	mg/L	< 0.001			0.001	Pass	
Aroclor-1260	mg/L	< 0.001			0.001	Pass	
Total PCB*	mg/L	< 0.001			0.001	Pass	
Method Blank							
Organochlorine Pesticides (Trace level)							
4.4'-DDD	mg/L	< 0.00001			0.00001	Pass	
4.4'-DDE	mg/L	< 0.00001			0.00001	Pass	
4.4'-DDT	mg/L	< 0.00001			0.00001	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
a-HCH	mg/L	< 0.00001			0.00001	Pass	
Aldrin	mg/L	< 0.00001			0.00001	Pass	
b-HCH	mg/L	< 0.00001			0.00001	Pass	
Chlordanes - Total	mg/L	< 0.00001			0.00001	Pass	
d-HCH	mg/L	< 0.00001			0.00001	Pass	
Dieldrin	mg/L	< 0.00001			0.00001	Pass	
Endosulfan I	mg/L	< 0.00001			0.00001	Pass	
Endosulfan II	mg/L	< 0.00001			0.00001	Pass	
Endosulfan sulphate	mg/L	< 0.00001			0.00001	Pass	
Endrin	mg/L	< 0.00001			0.00001	Pass	
Endrin aldehyde	mg/L	< 0.00001			0.00001	Pass	
Endrin ketone	mg/L	< 0.00001			0.00001	Pass	
g-HCH (Lindane)	mg/L	< 0.00001			0.00001	Pass	
Heptachlor	mg/L	< 0.00001			0.00001	Pass	
Heptachlor epoxide	mg/L	< 0.00001			0.00001	Pass	
Hexachlorobenzene	mg/L	< 0.00001			0.00001	Pass	
Methoxychlor	mg/L	< 0.00001			0.00001	Pass	
Toxaphene	mg/L	< 0.002			0.002	Pass	
Method Blank							
Phosphate total (as P)	mg/L	< 0.01			0.01	Pass	
Method Blank							
Heavy Metals							
Arsenic (filtered)	mg/L	< 0.001			0.001	Pass	
Cadmium (filtered)	mg/L	< 0.0002			0.0002	Pass	
Chromium (filtered)	mg/L	0.001			0.001	Pass	
Copper (filtered)	mg/L	< 0.001			0.001	Pass	
Lead (filtered)	mg/L	< 0.001			0.001	Pass	
Mercury (filtered)	mg/L	< 0.0001			0.0001	Pass	
Nickel (filtered)	mg/L	< 0.001			0.001	Pass	
Zinc (filtered)	mg/L	< 0.005			0.005	Pass	
Method Blank							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	ug/L	< 0.05			0.05	Pass	
Perfluorohexanesulfonic acid (PFHxS)	ug/L	< 0.01			0.01	Pass	
Perfluorooctanesulfonic acid (PFOS)	ug/L	< 0.01			0.01	Pass	
Perfluorooctanoic acid (PFOA)	ug/L	< 0.01			0.01	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	
Method Blank							
Heavy Metals							
Arsenic	mg/L	< 0.001			0.001	Pass	
Cadmium	mg/L	< 0.0002			0.0002	Pass	
Copper	mg/L	< 0.001			0.001	Pass	
Lead	mg/L	< 0.001			0.001	Pass	
Mercury	mg/L	< 0.0001			0.0001	Pass	
Nickel	mg/L	< 0.001			0.001	Pass	
Zinc	mg/L	< 0.005			0.005	Pass	
LCS - % Recovery							

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Total Recoverable Hydrocarbons							
TRH C6-C9	%	94			70-130	Pass	
TRH C10-C14	%	121			70-130	Pass	
TRH C6-C10	%	100			70-130	Pass	
TRH >C10-C16	%	125			70-130	Pass	
LCS - % Recovery							
BTEX							
Benzene	%	104			70-130	Pass	
Toluene	%	111			70-130	Pass	
Ethylbenzene	%	107			70-130	Pass	
m&p-Xylenes	%	114			70-130	Pass	
Xylenes - Total*	%	113			70-130	Pass	
LCS - % Recovery							
Total Recoverable Hydrocarbons - 2013 NEPM Fractions							
Naphthalene	%	77			70-130	Pass	
LCS - % Recovery							
Polycyclic Aromatic Hydrocarbons (Trace level)							
Acenaphthene	%	80			70-130	Pass	
Acenaphthylene	%	84			70-130	Pass	
Anthracene	%	99			70-130	Pass	
Benz(a)anthracene	%	82			70-130	Pass	
Benzo(a)pyrene - low level	%	89			70-130	Pass	
Benzo(b&j)fluoranthene	%	97			70-130	Pass	
Benzo(g.h.i)perylene	%	98			70-130	Pass	
Benzo(k)fluoranthene	%	103			70-130	Pass	
Chrysene	%	84			70-130	Pass	
Dibenz(a.h)anthracene	%	90			70-130	Pass	
Fluoranthene	%	101			70-130	Pass	
Fluorene	%	84			70-130	Pass	
Indeno(1.2.3-cd)pyrene	%	88			70-130	Pass	
Naphthalene	%	103			70-130	Pass	
Phenanthrene	%	86			70-130	Pass	
Pyrene	%	107			70-130	Pass	
LCS - % Recovery							
Phenols (Halogenated) - Low level							
2-Chlorophenol	%	126			30-130	Pass	
2.4-Dichlorophenol	%	100			25-140	Pass	
2.4.5-Trichlorophenol	%	114			30-130	Pass	
2.4.6-Trichlorophenol	%	125			30-130	Pass	
2.6-Dichlorophenol	%	106			30-130	Pass	
4-Chloro-3-methylphenol	%	111			30-130	Pass	
Pentachlorophenol	%	92			30-130	Pass	
Tetrachlorophenols - Total	%	100			30-130	Pass	
LCS - % Recovery							
Phenols (non-Halogenated) - Low level							
2-Cyclohexyl-4.6-dinitrophenol	%	98			30-130	Pass	
2-Methyl-4.6-dinitrophenol	%	109			30-130	Pass	
2-Methylphenol (o-Cresol)	%	66			30-130	Pass	
2-Nitrophenol	%	98			30-130	Pass	
2.4-Dimethylphenol	%	32			30-130	Pass	
2.4-Dinitrophenol	%	126			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	%	64			30-130	Pass	
4-Nitrophenol	%	62			30-130	Pass	
Dinoseb	%	115			30-130	Pass	

Test	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Phenol	%	33			30-130	Pass	
LCS - % Recovery							
Organophosphorus Pesticides (Trace level)							
Diazinon	%	117			70-130	Pass	
Dimethoate	%	118			70-130	Pass	
Ethion	%	82			70-130	Pass	
Fenitrothion	%	100			70-130	Pass	
Mevinphos	%	101			70-130	Pass	
LCS - % Recovery							
Organochlorine Pesticides (Trace level)							
4.4'-DDD	%	110			70-130	Pass	
4.4'-DDE	%	93			70-130	Pass	
4.4'-DDT	%	92			70-130	Pass	
a-HCH	%	115			70-130	Pass	
Aldrin	%	121			70-130	Pass	
b-HCH	%	87			70-130	Pass	
Chlordanes - Total	%	97			70-130	Pass	
d-HCH	%	95			70-130	Pass	
Dieldrin	%	93			70-130	Pass	
Endosulfan I	%	115			70-130	Pass	
Endosulfan II	%	93			70-130	Pass	
Endosulfan sulphate	%	99			70-130	Pass	
Endrin	%	94			70-130	Pass	
Endrin aldehyde	%	113			70-130	Pass	
Endrin ketone	%	88			70-130	Pass	
g-HCH (Lindane)	%	122			70-130	Pass	
Heptachlor	%	111			70-130	Pass	
Heptachlor epoxide	%	91			70-130	Pass	
Hexachlorobenzene	%	116			70-130	Pass	
Methoxychlor	%	118			70-130	Pass	
LCS - % Recovery							
Phosphate total (as P)	%	101			70-130	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic (filtered)	%	105			80-120	Pass	
Cadmium (filtered)	%	108			80-120	Pass	
Chromium (filtered)	%	103			80-120	Pass	
Copper (filtered)	%	103			80-120	Pass	
Lead (filtered)	%	106			80-120	Pass	
Mercury (filtered)	%	105			80-120	Pass	
Nickel (filtered)	%	104			80-120	Pass	
Zinc (filtered)	%	103			80-120	Pass	
LCS - % Recovery							
Per- and Polyfluoroalkyl Substances (PFASs) - Short							
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	%	87			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	%	89			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	%	98			50-150	Pass	
Perfluorooctanoic acid (PFOA)	%	84			50-150	Pass	
LCS - % Recovery							
Heavy Metals							
Arsenic	%	106			80-120	Pass	
Cadmium	%	98			80-120	Pass	
Chromium	%	105			80-120	Pass	
Copper	%	102			80-120	Pass	

Test			Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
Lead			%	103			80-120	Pass	
Mercury			%	107			80-120	Pass	
Nickel			%	104			80-120	Pass	
Zinc			%	102			80-120	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
Total Recoverable Hydrocarbons				Result 1					
TRH C6-C9	M25-Jn0016228	NCP	%	86			70-130	Pass	
TRH C10-C14	M25-Jn0014259	NCP	%	104			70-130	Pass	
TRH C6-C10	M25-Jn0016228	NCP	%	95			70-130	Pass	
TRH >C10-C16	M25-Jn0014259	NCP	%	102			70-130	Pass	
Spike - % Recovery									
BTEX				Result 1					
Benzene	M25-Jn0016228	NCP	%	84			70-130	Pass	
Toluene	M25-Jn0016228	NCP	%	81			70-130	Pass	
Ethylbenzene	M25-Jn0016228	NCP	%	72			70-130	Pass	
m&p-Xylenes	M25-Jn0016228	NCP	%	81			70-130	Pass	
o-Xylene	M25-Jn0016228	NCP	%	75			70-130	Pass	
Xylenes - Total*	M25-Jn0016228	NCP	%	79			70-130	Pass	
Spike - % Recovery									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1					
Naphthalene	M25-Jn0016567	NCP	%	79			70-130	Pass	
Spike - % Recovery									
Polycyclic Aromatic Hydrocarbons (Trace level)				Result 1					
Acenaphthene	M25-Jn0012690	NCP	%	78			70-130	Pass	
Acenaphthylene	M25-Jn0012690	NCP	%	79			70-130	Pass	
Anthracene	M25-Jn0012690	NCP	%	102			70-130	Pass	
Benz(a)anthracene	M25-Jn0012690	NCP	%	112			70-130	Pass	
Benzo(a)pyrene - low level	M25-Jn0012690	NCP	%	114			70-130	Pass	
Benzo(b&j)fluoranthene	M25-Jn0012690	NCP	%	117			70-130	Pass	
Benzo(g.h.i)perylene	M25-Jn0012690	NCP	%	112			70-130	Pass	
Benzo(k)fluoranthene	M25-Jn0012690	NCP	%	120			70-130	Pass	
Chrysene	M25-Jn0012690	NCP	%	107			70-130	Pass	
Dibenz(a.h)anthracene	M25-Jn0012690	NCP	%	108			70-130	Pass	
Fluoranthene	M25-Jn0012690	NCP	%	102			70-130	Pass	
Fluorene	M25-Jn0012690	NCP	%	71			70-130	Pass	
Indeno(1.2.3-cd)pyrene	M25-Jn0012690	NCP	%	112			70-130	Pass	
Naphthalene	M25-Jn0012690	NCP	%	108			70-130	Pass	
Phenanthrene	M25-Jn0012690	NCP	%	98			70-130	Pass	
Pyrene	M25-Jn0012690	NCP	%	103			70-130	Pass	
Spike - % Recovery									
Phenols (Halogenated) - Low level				Result 1					
2-Chlorophenol	M25-Jn0012690	NCP	%	43			30-130	Pass	
2.4-Dichlorophenol	M25-Jn0012690	NCP	%	38			30-130	Pass	
2.4.5-Trichlorophenol	M25-Jn0012690	NCP	%	39			30-130	Pass	
2.4.6-Trichlorophenol	M25-Jn0012690	NCP	%	37			30-130	Pass	
2.6-Dichlorophenol	M25-Jn0012690	NCP	%	37			30-130	Pass	
4-Chloro-3-methylphenol	M25-Jn0012690	NCP	%	44			30-130	Pass	
Pentachlorophenol	M25-Jn0012690	NCP	%	51			30-130	Pass	
Tetrachlorophenols - Total	M25-Jn0012690	NCP	%	44			30-130	Pass	
Spike - % Recovery									
Phenols (non-Halogenated) - Low level				Result 1					
2-Cyclohexyl-4.6-dinitrophenol	M25-Jn0012690	NCP	%	43			30-130	Pass	
2-Methyl-4.6-dinitrophenol	M25-Jn0012690	NCP	%	46			30-130	Pass	

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
2-Methylphenol (o-Cresol)	M25-Jn0012690	NCP	%	36			30-130	Pass	
2-Nitrophenol	M25-Jn0012690	NCP	%	40			30-130	Pass	
2.4-Dimethylphenol	M25-Jn0012690	NCP	%	57			30-130	Pass	
2.4-Dinitrophenol	M25-Jn0012690	NCP	%	32			30-130	Pass	
3&4-Methylphenol (m&p-Cresol)	M25-Jn0012690	NCP	%	37			30-130	Pass	
4-Nitrophenol	M25-Jn0012690	NCP	%	33			30-130	Pass	
Dinoseb	M25-Jn0012690	NCP	%	31			30-130	Pass	
Phenol	M25-Jn0012690	NCP	%	56			30-130	Pass	
Spike - % Recovery									
Organophosphorus Pesticides (Trace level)				Result 1					
Diazinon	M25-Jn0012690	NCP	%	89			70-130	Pass	
Dimethoate	M25-Jn0012690	NCP	%	86			70-130	Pass	
Ethion	M25-Jn0012690	NCP	%	86			70-130	Pass	
Fenitrothion	M25-Jn0012690	NCP	%	87			70-130	Pass	
Mevinphos	M25-Jn0012690	NCP	%	77			70-130	Pass	
Spike - % Recovery									
Polychlorinated Biphenyls (PCB trace level)				Result 1					
Aroclor-1016	M25-Jn0012690	NCP	%	80			70-130	Pass	
Aroclor-1260	M25-Jn0012690	NCP	%	94			70-130	Pass	
Spike - % Recovery									
Organochlorine Pesticides (Trace level)				Result 1					
4.4'-DDD	M25-Jn0012690	NCP	%	73			70-130	Pass	
4.4'-DDE	M25-Jn0012690	NCP	%	80			70-130	Pass	
4.4'-DDT	M25-Jn0012690	NCP	%	77			70-130	Pass	
a-HCH	M25-Jn0012690	NCP	%	116			70-130	Pass	
Aldrin	M25-Jn0012690	NCP	%	123			70-130	Pass	
b-HCH	M25-Jn0012690	NCP	%	124			70-130	Pass	
Chlordanes - Total	M25-Jn0012690	NCP	%	82			70-130	Pass	
d-HCH	M25-Jn0012690	NCP	%	127			70-130	Pass	
Dieldrin	M25-Jn0012690	NCP	%	90			70-130	Pass	
Endosulfan I	M25-Jn0012690	NCP	%	94			70-130	Pass	
Endosulfan II	M25-Jn0012690	NCP	%	86			70-130	Pass	
Endosulfan sulphate	M25-Jn0012690	NCP	%	76			70-130	Pass	
Endrin	M25-Jn0012690	NCP	%	79			70-130	Pass	
Endrin aldehyde	M25-Jn0012690	NCP	%	82			70-130	Pass	
Endrin ketone	M25-Jn0012690	NCP	%	88			70-130	Pass	
g-HCH (Lindane)	M25-Jn0012690	NCP	%	123			70-130	Pass	
Heptachlor	M25-Jn0012690	NCP	%	90			70-130	Pass	
Heptachlor epoxide	M25-Jn0012690	NCP	%	87			70-130	Pass	
Hexachlorobenzene	M25-Jn0012690	NCP	%	125			70-130	Pass	
Methoxychlor	M25-Jn0012690	NCP	%	78			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic (filtered)	S25-Jn0015168	NCP	%	102			75-125	Pass	
Cadmium (filtered)	S25-Jn0015168	NCP	%	106			75-125	Pass	
Chromium (filtered)	S25-Jn0015168	NCP	%	103			75-125	Pass	
Copper (filtered)	S25-Jn0015168	NCP	%	100			75-125	Pass	
Lead (filtered)	S25-Jn0015168	NCP	%	102			75-125	Pass	
Mercury (filtered)	S25-Jn0015168	NCP	%	105			75-125	Pass	
Nickel (filtered)	S25-Jn0015168	NCP	%	101			75-125	Pass	
Zinc (filtered)	S25-Jn0015168	NCP	%	99			75-125	Pass	
Spike - % Recovery									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1					

Test	Lab Sample ID	QA Source	Units	Result 1			Acceptance Limits	Pass Limits	Qualifying Code
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0012179	NCP	%	83			50-150	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0007705	NCP	%	76			50-150	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0012179	NCP	%	72			50-150	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0012179	NCP	%	82			50-150	Pass	
Spike - % Recovery									
				Result 1					
Phosphate total (as P)	S25-Jn0010758	CP	%	74			70-130	Pass	
Spike - % Recovery									
Heavy Metals				Result 1					
Arsenic	S25-Jn0010758	CP	%	102			75-125	Pass	
Cadmium	S25-Jn0010758	CP	%	93			75-125	Pass	
Chromium	S25-Jn0010758	CP	%	98			75-125	Pass	
Copper	S25-Jn0010758	CP	%	100			75-125	Pass	
Lead	S25-Jn0010758	CP	%	99			75-125	Pass	
Mercury	S25-Jn0010758	CP	%	103			75-125	Pass	
Nickel	S25-Jn0010758	CP	%	99			75-125	Pass	
Zinc	S25-Jn0010758	CP	%	106			75-125	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 C6-C9	M25-Jn0012687	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH C10-C14	M25-Jn0016154	NCP	mg/L	0.29	0.34	13	30%	Pass	
TRH C15-C28	M25-Jn0016154	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C29-C36	M25-Jn0016154	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH C6-C10	M25-Jn0012687	NCP	mg/L	< 0.02	< 0.02	<1	30%	Pass	
TRH >C10-C16	M25-Jn0016154	NCP	mg/L	0.32	0.35	10	30%	Pass	
TRH >C16-C34	M25-Jn0016154	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
TRH >C34-C40	M25-Jn0016154	NCP	mg/L	< 0.1	< 0.1	<1	30%	Pass	
Duplicate									
BTEX				Result 1	Result 2	RPD			
Benzene	M25-Jn0012687	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Toluene	M25-Jn0012687	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethylbenzene	M25-Jn0012687	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
m&p-Xylenes	M25-Jn0012687	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
o-Xylene	M25-Jn0012687	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Xylenes - Total*	M25-Jn0012687	NCP	mg/L	< 0.003	< 0.003	<1	30%	Pass	
Duplicate									
Total Recoverable Hydrocarbons - 2013 NEPM Fractions				Result 1	Result 2	RPD			
Naphthalene	M25-Jn0012687	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Duplicate									
Polycyclic Aromatic Hydrocarbons (Trace level)				Result 1	Result 2	RPD			
Acenaphthene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Acenaphthylene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Anthracene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Benz(a)anthracene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Benzo(a)pyrene - low level	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Benzo(b&j)fluoranthene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Benzo(g.h.i)perylene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Benzo(k)fluoranthene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Chrysene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Dibenz(a.h)anthracene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	

Duplicate									
Polycyclic Aromatic Hydrocarbons (Trace level)				Result 1	Result 2	RPD			
Fluoranthene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Fluorene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Indeno(1.2.3-cd)pyrene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Naphthalene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Phenanthrene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Pyrene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Duplicate									
Phenols (Halogenated) - Low level				Result 1	Result 2	RPD			
2-Chlorophenol	M25-Jn0016227	NCP	mg/L	< 0.00005	< 0.00005	<1	30%	Pass	
2.4-Dichlorophenol	M25-Jn0016227	NCP	mg/L	< 0.00005	< 0.00005	<1	30%	Pass	
2.4.5-Trichlorophenol	M25-Jn0016227	NCP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
2.4.6-Trichlorophenol	M25-Jn0016227	NCP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
2.6-Dichlorophenol	M25-Jn0016227	NCP	mg/L	< 0.00005	< 0.00005	<1	30%	Pass	
4-Chloro-3-methylphenol	M25-Jn0016227	NCP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Pentachlorophenol	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Tetrachlorophenols - Total	M25-Jn0016227	NCP	mg/L	< 0.0005	< 0.0005	<1	30%	Pass	
Duplicate									
Phenols (non-Halogenated) - Low level				Result 1	Result 2	RPD			
2-Cyclohexyl-4.6-dinitrophenol	M25-Jn0016227	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
2-Methyl-4.6-dinitrophenol	M25-Jn0016227	NCP	mg/L	< 0.0005	< 0.0005	<1	30%	Pass	
2-Methylphenol (o-Cresol)	M25-Jn0016227	NCP	mg/L	< 0.00005	< 0.00005	<1	30%	Pass	
2-Nitrophenol	M25-Jn0016227	NCP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
2.4-Dimethylphenol	M25-Jn0016227	NCP	mg/L	< 0.00005	< 0.00005	<1	30%	Pass	
2.4-Dinitrophenol	M25-Jn0016227	NCP	mg/L	< 0.0005	< 0.0005	<1	30%	Pass	
3&4-Methylphenol (m&p-Cresol)	M25-Jn0016227	NCP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
4-Nitrophenol	M25-Jn0016227	NCP	mg/L	< 0.0005	< 0.0005	<1	30%	Pass	
Dinoseb	M25-Jn0016227	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Phenol	M25-Jn0016227	NCP	mg/L	< 0.00005	< 0.00005	<1	30%	Pass	
Duplicate									
Organophosphorus Pesticides (Trace level)				Result 1	Result 2	RPD			
Azinphos-methyl	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Bolstar	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chlorfenvinphos	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Chlorpyrifos	M25-Jn0016227	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Chlorpyrifos-methyl	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Coumaphos	M25-Jn0016227	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Demeton-O	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Demeton-S	M25-Jn0016227	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Diazinon	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dichlorvos	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Dimethoate	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Disulfoton	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
EPN	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethion	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethoprop	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ethyl parathion	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fenitrothion	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fensulfothion	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Fenthion	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Malathion	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Merphos	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Methyl parathion	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Mevinphos	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Monocrotophos	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	

Duplicate									
Organophosphorus Pesticides (Trace level)				Result 1	Result 2	RPD			
Naled	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Omethoate	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Phorate	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Pirimiphos-methyl	M25-Jn0016227	NCP	mg/L	< 0.01	< 0.01	<1	30%	Pass	
Pyrazophos	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Ronnel	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Terbufos	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Tetrachlorvinphos	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Tokuthion	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Trichloronate	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Duplicate									
Polychlorinated Biphenyls (PCB trace level)				Result 1	Result 2	RPD			
Aroclor-1016	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Aroclor-1221	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Aroclor-1232	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Aroclor-1242	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Aroclor-1248	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Aroclor-1254	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Aroclor-1260	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Total PCB*	M25-Jn0016227	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Duplicate									
Organochlorine Pesticides (Trace level)				Result 1	Result 2	RPD			
4.4'-DDD	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
4.4'-DDE	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
4.4'-DDT	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
a-HCH	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Aldrin	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
b-HCH	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Chlordanes - Total	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
d-HCH	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Dieldrin	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Endosulfan I	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Endosulfan II	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Endosulfan sulphate	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Endrin	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Endrin aldehyde	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Endrin ketone	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
g-HCH (Lindane)	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Heptachlor	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Heptachlor epoxide	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Hexachlorobenzene	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Methoxychlor	M25-Jn0016227	NCP	mg/L	< 0.00001	< 0.00001	<1	30%	Pass	
Toxaphene	M25-Jn0016227	NCP	mg/L	< 0.002	< 0.002	<1	30%	Pass	
Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Arsenic	S25-Jn0010752	CP	mg/L	0.001	0.001	4.0	30%	Pass	
Arsenic (filtered)	S25-Jn0012283	NCP	mg/L	0.001	0.001	16	30%	Pass	
Cadmium	S25-Jn0010752	CP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Cadmium (filtered)	S25-Jn0012283	NCP	mg/L	< 0.0002	< 0.0002	<1	30%	Pass	
Chromium	S25-Jn0010752	CP	mg/L	0.002	0.002	7.0	30%	Pass	
Chromium (filtered)	S25-Jn0012283	NCP	mg/L	0.001	0.001	23	30%	Pass	
Copper	S25-Jn0010752	CP	mg/L	0.007	0.007	3.0	30%	Pass	
Copper (filtered)	S25-Jn0012283	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Lead	S25-Jn0010752	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	

Duplicate									
Heavy Metals				Result 1	Result 2	RPD			
Lead (filtered)	S25-Jn0012283	NCP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Mercury	S25-Jn0010752	CP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Mercury (filtered)	S25-Jn0012283	NCP	mg/L	< 0.0001	< 0.0001	<1	30%	Pass	
Nickel	S25-Jn0010752	CP	mg/L	< 0.001	< 0.001	<1	30%	Pass	
Nickel (filtered)	S25-Jn0012283	NCP	mg/L	0.010	0.010	1.0	30%	Pass	
Zinc	S25-Jn0010752	CP	mg/L	0.018	0.021	15	30%	Pass	
Zinc (filtered)	S25-Jn0012283	NCP	mg/L	0.078	0.081	3.0	30%	Pass	
Duplicate									
Per- and Polyfluoroalkyl Substances (PFASs) - Short				Result 1	Result 2	RPD			
1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)	S25-Jn0012178	NCP	ug/L	< 0.05	< 0.05	<1	30%	Pass	
Perfluorohexanesulfonic acid (PFHxS)	S25-Jn0012178	NCP	ug/L	2.2	2.3	5.0	30%	Pass	
Perfluorooctanesulfonic acid (PFOS)	S25-Jn0012178	NCP	ug/L	0.02	0.02	2.0	30%	Pass	
Perfluorooctanoic acid (PFOA)	S25-Jn0012178	NCP	ug/L	0.07	0.06	13	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Phosphate total (as P)	S25-Jn0010754	CP	mg/L	0.12	0.11	9.0	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	N/A
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.
N09	Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard.
N11	Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds.

Authorised by:

Adam Bateup	Analytical Services Manager
Carroll Lee	Senior Analyst-Organic
Joseph Edouard	Senior Analyst-Volatile
Mele Singh	Senior Analyst-Organic
Mickael Ros	Senior Analyst-Metal
Roopesh Rangarajan	Senior Analyst-PFAS
Ryan Phillips	Senior Analyst-Inorganic
Sheha Prakash	Senior Analyst-Organic

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.

Outlook

Fw: Eurofins Sample Receipt Advice - Report 1228626 : Site MILTON PS (3050016633)

From Roopesh Rangarajan <Roopesh.Rangarajan@eurofinsanz.com>
Date Fri 13/06/2025 1:45 PM
To Adam Bateup <Adam.Bateup@eurofinsanz.com>

Verified Sender: This email is from an internal and/or verified domain which passed security verifications. Remember to still be cautious with personal data and follow company policies.

Get Outlook for Android

From: Gunarathna, Sanka <Sanka.Gunarathna@stantec.com>
Sent: Friday, June 13, 2025 1:29:23 PM
To: SH_AU25_Enviro_Sample_NSW <EnviroSampleNSW@eurofinsanz.com>; Roopesh Rangarajan <Roopesh.Rangarajan@eurofinsanz.com>
Cc: Laker, Callum <callum.laker@stantec.com>
Subject: FW: Eurofins Sample Receipt Advice - Report 1228626 : Site MILTON PS (3050016633)

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 Roopesh,

As discussed, please proceed with nutrient analysis from the unpreserved bottles.

Warm regards,

Sanka Gunarathna
Environmental Engineer

Mobile: + 61 480331125
Work: +61 2 8484 7068
sanka.gunarathna@stantec.com

Stantec
Level 9, The Forum, 203 Pacific Highway
Sydney NSW 2065
AUSTRALIA

Stantec

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From: Gunarathna, Sanka
Sent: Friday, June 13, 2025 1:20 PM

To: EnviroSampleNSW@eurofinsanz.com; Roopesh Rangarajan <roopesh.rangarajan@eurofinsanz.com>
Cc: Laker, Callum <callum.laker@stantec.com>
Subject: RE: Eurofins Sample Receipt Advice - Report 1228626 : Site MILTON PS (3050016633)

Hi Roopesh,

When can we expect results for this report? I think it was due on 10th June. Please let me know.

Warm regards,

Sanka Gunarathna
Environmental Engineer

Mobile: + 61 480331125
Work: +61 2 8484 7068
sanka.gunarathna@stantec.com

Stantec
Level 9, The Forum, 203 Pacific Highway
Sydney NSW 2065
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From: Janki Amin <EET-ELVIS@eurofinsanz.com>
Sent: Thursday, June 5, 2025 3:54 PM
To: Gunarathna, Sanka <Sanka.Gunarathna@stantec.com>
Cc: Laker, Callum <callum.laker@stantec.com>
Subject: Eurofins Sample Receipt Advice - Report 1228626 : Site MILTON PS (3050016633)

Dear Valued Client,

No appropriate container was received for nitrogen analysis, so the analysis has been cancelled./ QC400 SENT TO ALS.

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.

Kind regards
Janki Amin
Sample Receipt Officer

Eurofins | Environment Testing
179 Magowar Road,

Girraween, NSW, 2145
Australia
Phone: +612 9900 8421
Email: EnviroSampleNSW@eurofins.com

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Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

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www.eurofins.com.au EnviroSales@eurofinsanz.com

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ABN: 50 005 085 521

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6 Monterey Road	19/8 Lewalan Street	179 Magowar Road	Unit 1,2 Dacre Street	1/21 Smallwood Place	1/2 Frost Drive
Dandenong South	Grovedale	Girraween	Mitchell	Murarrie	Mayfield West
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

Eurofins ARL Pty Ltd

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NATA# 2377
Site# 2370 & 2554

Eurofins Environment Testing NZ Ltd

NZBN: 9429046024954

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Penrose	Mount Wellington	Rolleston	Gate Pa
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+64 9 526 4551	+64 9 525 0568	+64 3 343 5201	+64 9 525 0568
IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Sample Receipt Advice

Company name:	Stantec Australia Pty Ltd (NSW/ACT)
Contact name:	Sanka Gunarathna
Project name:	Additional: MILTON PS
Project ID:	3050016633
Turnaround time:	5 Day
Date/Time received	Jun 13, 2025 1:45 PM
Eurofins reference	1232765

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.
- ✓ 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:

Roopesh Rangarajan on phone : +61 2 9900 8400 or by email: EnviroSampleNSW@eurofinsanz.com

Results will be delivered electronically via email to Sanka Gunarathna - sanka.gunarathna@stantec.com.

Note: A copy of these results will also be delivered to the general Stantec Australia Pty Ltd (NSW/ACT) email address.

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

Eurofins Environment Testing Australia Pty Ltd
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Eurofins Environment Testing NZ Ltd
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+64 9 526 4551	+64 9 525 0568	+64 3 343 5201	+64 9 525 0568
IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: Additional: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1232765
Phone: (02) 9493 9700
Fax:

Received: Jun 13, 2025 1:45 PM
Due: Jun 20, 2025
Priority: 5 Day
Contact Name: Sanka Gunarathna

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Nitrogens (speciated)
Melbourne Laboratory - NATA # 1261 Site # 1254						X
External Laboratory						
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**	
1	SW-01	May 29, 2025		Water	S25-Jn0040203	X
2	SW-02	May 29, 2025		Water	S25-Jn0040204	X
3	SW-03	May 29, 2025		Water	S25-Jn0040205	X
4	QA400	May 29, 2025		Water	S25-Jn0040206	X
Test Counts						4

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Certificate of Analysis

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.

Stantec Australia Pty Ltd
Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Attention: **Sanka Gunarathna**

Report **1232765-W**
Project name Additional: MILTON PS
Project ID 3050016633
Received Date Jun 13, 2025

Client Sample ID			**SW-01**	**SW-02**	**SW-03**	**QA400**
Sample Matrix			**Water**	**Water**	**Water**	**Water**
Eurofins Sample No.			**S25-Jn0040203**	**S25-Jn0040204**	**S25-Jn0040205**	**S25-Jn0040206**
Date Sampled			**May 29, 2025**	**May 29, 2025**	**May 29, 2025**	**May 29, 2025**
Test/Reference	LOR	Unit				
Ammonia (as N)	0.01	mg/L	< 0.01	0.01	0.11	0.02
Nitrate & Nitrite (as N)	0.05	mg/L	1.1	3.6	1.4	1.0
Nitrate (as N)	0.02	mg/L	1.1	3.5	1.4	1.0
Nitrite (as N)	0.02	mg/L	< 0.02	< 0.02	0.04	< 0.02
Organic Nitrogen (as N)*	0.2	mg/L	1.1	8.29	0.69	-
Total Kjeldahl Nitrogen (as N)	0.2	mg/L	1.1	8.3	0.8	< 0.2
Total Nitrogen (as N)*	0.2	mg/L	2.2	12	2.2	1.0

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
Nitrogens (speciated)			
Ammonia (as N)	Melbourne	Jun 17, 2025	28 Days
- Method: APHA 4500-NH3 Ammonia Nitrogen by FIA			
Nitrate & Nitrite (as N)	Melbourne	Jun 17, 2025	28 Days
- Method: LTM-INO-4450 Nitrogens by Discrete Analyser			
Nitrate (as N)	Melbourne	Jun 17, 2025	28 Days
- Method: LTM-INO-4450 Nitrogens by Discrete Analyser			
Nitrite (as N)	Melbourne	Jun 17, 2025	2 Days
- Method: LTM-INO-4450 Nitrogens by Discrete Analyser			
Organic Nitrogen (as N)*	Melbourne	Jun 16, 2025	7 Days
- Method: APHA 4500 Organic Nitrogen (N)			
Total Kjeldahl Nitrogen (as N)	Melbourne	Jun 17, 2025	28 Days
- Method: APHA 4500-Norg B,D Total Kjeldahl Nitrogen by FIA			

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Eurofins Environment Testing Australia Pty Ltd
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NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261	NATA# 1261
Site# 1254	Site# 25403	Site# 18217	Site# 25466	Site# 20794 & 2780	Site# 25079

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Eurofins Environment Testing NZ Ltd
NZBN: 9429046024954

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IANZ# 1327	IANZ# 1308	IANZ# 1290	IANZ# 1402

Company Name: Stantec Australia Pty Ltd (NSW/ACT)
Address: Level 9, The Forum, 203 Pacific Highway
St Leonards
NSW 2065

Project Name: Additional: MILTON PS
Project ID: 3050016633

Order No.:
Report #: 1232765
Phone: (02) 9493 9700
Fax:

Received: Jun 13, 2025 1:45 PM
Due: Jun 20, 2025
Priority: 5 Day
Contact Name: Sanka Gunarathna

Eurofins Analytical Services Manager : Roopesh Rangarajan

Sample Detail						Nitrogens (speciated)
Melbourne Laboratory - NATA # 1261 Site # 1254						X
External Laboratory						
No	**Sample ID**	**Sample Date**	**Sampling Time**	**Matrix**	**LAB ID**	
1	SW-01	May 29, 2025		Water	S25-Jn0040203	X
2	SW-02	May 29, 2025		Water	S25-Jn0040204	X
3	SW-03	May 29, 2025		Water	S25-Jn0040205	X
4	QA400	May 29, 2025		Water	S25-Jn0040206	X
Test Counts						4

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 (*bis*-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									
Ammonia (as N)			mg/L	< 0.01			0.01	Pass	
Nitrate & Nitrite (as N)			mg/L	< 0.05			0.05	Pass	
Nitrite (as N)			mg/L	< 0.02			0.02	Pass	
Total Kjeldahl Nitrogen (as N)			mg/L	< 0.2			0.2	Pass	
LCS - % Recovery									
Ammonia (as N)			%	104			70-130	Pass	
Nitrate & Nitrite (as N)			%	92			70-130	Pass	
Nitrite (as N)			%	78			70-130	Pass	
Total Kjeldahl Nitrogen (as N)			%	108			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Spike - % Recovery									
				Result 1					
Total Kjeldahl Nitrogen (as N)	M25-Jn0038603	NCP	%	107			70-130	Pass	
Spike - % Recovery									
				Result 1					
Ammonia (as N)	S25-Jn0040204	CP	%	91			70-130	Pass	
Nitrate & Nitrite (as N)	S25-Jn0040204	CP	%	74			70-130	Pass	
Nitrite (as N)	S25-Jn0040204	CP	%	79			70-130	Pass	
Test	**Lab Sample ID**	**QA Source**	**Units**	**Result 1**			**Acceptance Limits**	**Pass Limits**	**Qualifying Code**
Duplicate									
				Result 1	Result 2	RPD			
Total Kjeldahl Nitrogen (as N)	S25-Jn0040204	CP	mg/L	8.3	7.0	18	30%	Pass	
Duplicate									
				Result 1	Result 2	RPD			
Ammonia (as N)	S25-Jn0040206	CP	mg/L	0.02	0.02	<1	30%	Pass	
Nitrate & Nitrite (as N)	S25-Jn0040206	CP	mg/L	1.0	1.1	6.0	30%	Pass	
Nitrate (as N)	S25-Jn0040206	CP	mg/L	1.0	1.1	6.0	30%	Pass	
Nitrite (as N)	S25-Jn0040206	CP	mg/L	< 0.02	< 0.02	<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:

Nileshni Goundar	Analytical Services Manager
Caitlin Breeze	Senior Analyst-Inorganic
Mary Makarios	Senior Analyst-Inorganic

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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Appendix F – Borehole Logs

CERTIFICATE OF ANALYSIS

Work Order	: **ES2516956**	Page	: 1 of 9
Client	: **STANTEC AUSTRALIA PTY LTD**	Laboratory	: Environmental Division Sydney
Contact	: CALLUM LAKER	Contact	: Khaleda Ataei
Address	: Shop 1, Level 1 16 Burelli St Wollongong	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: + 61 2 8784 8555
Project	: 3050016633 Milton PS	Date Samples Received	: 05-Jun-2025 14:35
Order number	: 305001173	Date Analysis Commenced	: 06-Jun-2025
C-O-C number	: ----	Issue Date	: 12-Jun-2025 11:39
Sampler	: ----		
Site	: ----		
Quote number	: EN/000		
No. of samples received	: 4		
No. of samples analysed	: 4		

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*
Alex Rossi	Organic Chemist	Sydney Organics, Smithfield, NSW
Ankit Joshi	Senior Chemist - Inorganics	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	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.

- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP068: Where reported, Total OCP is the sum of the reported concentrations of all Organochlorine Pesticides at or above LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EP075(SIM): LOR for particular sample raised due to high moisture content.
- EP231: Stable isotope enriched internal standards are added to samples prior to extraction. Target compounds have a direct analogous internal standard with the exception of PFPeS, PFHpA, PFDS, PFTrDA and 10:2 FTS. These compounds use an internal standard that is chemically related and has a retention time close to that of the target compound. The DQO for internal standard response is 50-150% of that established at initial calibration or as per USEPA 1633 limits where listed. PFOS is quantified using a certified, traceable standard consisting of linear and branched PFOS isomers. These practices are in line with recommendations in the National Environmental Management Plan for PFAS and also conform to QSM 5.4 (US DoD) requirements.

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC200	QC301	----
			Sampling date / time	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	----
Compound	CAS Number	LOR	Unit	ES2516956-001	ES2516956-002	ES2516956-003	ES2516956-004	--------
				Result	Result	Result	Result	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	**34.1**	**33.1**	**30.7**	**51.9**	----
EG005(ED093)T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	<5	<5	**7**	<5	----
Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	----
Chromium	7440-47-3	2	mg/kg	**9**	**5**	**15**	**6**	----
Copper	7440-50-8	5	mg/kg	**44**	**83**	**89**	**141**	----
Lead	7439-92-1	5	mg/kg	**29**	**39**	**26**	**16**	----
Nickel	7440-02-0	2	mg/kg	**2**	<2	**7**	**3**	----
Zinc	7440-66-6	5	mg/kg	**102**	**93**	**87**	**92**	----
EG035T: Total Recoverable Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	----
EP066: Polychlorinated Biphenyls (PCB)								
Total Polychlorinated biphenyls	----	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	----
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
gamma-BHC - (Lindane)	58-89-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
^ Total Chlordane (sum)	----	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC200	QC301	----
			Sampling date / time	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	----
Compound	CAS Number	LOR	Unit	ES2516956-001	ES2516956-002	ES2516956-003	ES2516956-004	--------
				Result	Result	Result	Result	----
EP068A: Organochlorine Pesticides (OC) - Continued								
4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
^ **Endosulfan (sum)**	115-29-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	----
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	----
^ **Sum of Aldrin + Dieldrin**	309-00-2/60-57-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
^ **Sum of DDD + DDE + DDT**	72-54-8/72-55-9/50-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
EP068B: Organophosphorus Pesticides (OP)								
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	----
Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	----
Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC200	QC301	----
			Sampling date / time	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	----
Compound	CAS Number	LOR	Unit	ES2516956-001	ES2516956-002	ES2516956-003	ES2516956-004	--------
				Result	Result	Result	Result	----
EP068B: Organophosphorus Pesticides (OP) - Continued								
Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	----
EP075(SIM)A: Phenolic Compounds								
Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
3- & 4-Methylphenol	1319-77-3	1	mg/kg	<1	<1	<1	<2	----
2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Pentachlorophenol	87-86-5	2	mg/kg	<2	<2	<2	<2	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC200	QC301	----
			Sampling date / time	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	----
Compound	CAS Number	LOR	Unit	ES2516956-001	ES2516956-002	ES2516956-003	ES2516956-004	--------
				Result	Result	Result	Result	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued								
Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	<0.5	<0.8	----
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	**0.6**	**0.6**	**0.6**	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	**1.2**	**1.2**	**1.2**	----
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction	----	10	mg/kg	<10	<10	<10	<10	----
C10 - C14 Fraction	----	50	mg/kg	<50	<50	<50	<50	----
C15 - C28 Fraction	----	100	mg/kg	<100	<100	<100	<100	----
C29 - C36 Fraction	----	100	mg/kg	<100	<100	<100	<100	----
^ C10 - C36 Fraction (sum)	----	50	mg/kg	<50	<50	<50	<50	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions								
C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	<10	<10	----
^ C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	10	mg/kg	<10	<10	<10	<10	----
>C10 - C16 Fraction	----	50	mg/kg	<50	<50	<50	<50	----
>C16 - C34 Fraction	----	100	mg/kg	<100	<100	<100	<100	----
>C34 - C40 Fraction	----	100	mg/kg	<100	<100	<100	<100	----
^ >C10 - C40 Fraction (sum)	----	50	mg/kg	<50	<50	<50	<50	----

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC200	QC301	----
			Sampling date / time	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	----
Compound	CAS Number	LOR	Unit	ES2516956-001	ES2516956-002	ES2516956-003	ES2516956-004	--------
				Result	Result	Result	Result	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions - Continued								
^ >C10 - C16 Fraction minus Naphthalene (F2)	----	50	mg/kg	<50	<50	<50	<50	----
EP080: BTEXN								
Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	----
Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	----
Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	----
ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	----
^ Sum of BTEX	----	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	----
^ Total Xylenes	----	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	----
Naphthalene	91-20-3	1	mg/kg	<1	<1	<1	<1	----
EP231A: Perfluoroalkyl Sulfonic Acids								
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	----	<0.0002	<0.0002	----	----
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	----	<0.0002	**0.0003**	----	----
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	----	**0.0005**	**0.0017**	----	----
EP231B: Perfluoroalkyl Carboxylic Acids								
Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	----	<0.001	<0.001	----	----
Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	----	<0.0002	<0.0002	----	----
Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	----	<0.0002	<0.0002	----	----
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	----	<0.0002	<0.0002	----	----
Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	----	<0.0002	<0.0002	----	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids								
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	----	<0.0005	<0.0005	----	----
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	----	<0.0005	<0.0005	----	----
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	----	<0.0005	<0.0005	----	----

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC200	QC301	----
			Sampling date / time	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	29-May-2025 00:00	----
Compound	CAS Number	LOR	Unit	ES2516956-001	ES2516956-002	ES2516956-003	ES2516956-004	--------
				Result	Result	Result	Result	----
EP231D: (n:2) Fluorotelomer Sulfonic Acids - Continued								
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	----	<0.0005	<0.0005	----	----
EP231P: PFAS Sums								
Sum of PFHxS and PFOS	355-46-4/1763-23-1	0.0002	mg/kg	----	**0.0005**	**0.0020**	----	----
Sum of PFAS (WA DER List)	----	0.0002	mg/kg	----	**0.0005**	**0.0020**	----	----
EP066S: PCB Surrogate								
Decachlorobiphenyl	2051-24-3	0.1	%	**94.1**	**97.7**	**104**	**119**	----
EP068S: Organochlorine Pesticide Surrogate								
Dibromo-DDE	21655-73-2	0.05	%	**79.8**	**97.2**	**92.0**	**138**	----
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.05	%	**94.1**	**109**	**96.5**	**140**	----
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.5	%	**102**	**104**	**108**	**110**	----
2-Chlorophenol-D4	93951-73-6	0.5	%	**100**	**95.7**	**99.8**	**103**	----
2.4.6-Tribromophenol	118-79-6	0.5	%	**91.8**	**84.4**	**85.6**	**83.5**	----
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.5	%	**112**	**108**	**108**	**109**	----
Anthracene-d10	1719-06-8	0.5	%	**85.6**	**82.4**	**82.9**	**83.8**	----
4-Terphenyl-d14	1718-51-0	0.5	%	**101**	**97.4**	**99.0**	**98.5**	----
EP080S: TPH(V)/BTEX Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.2	%	**68.2**	**65.6**	**70.6**	**88.9**	----
Toluene-D8	2037-26-5	0.2	%	**73.2**	**68.6**	**73.1**	**102**	----
4-Bromofluorobenzene	460-00-4	0.2	%	**75.5**	**74.4**	**76.7**	**110**	----
EP231S: PFAS Surrogate								
13C4-PFOS	----	0.0002	%	----	**99.2**	**103**	----	----
13C8-PFOA	----	0.0002	%	----	**98.6**	**102**	----	----

Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP066S: PCB Surrogate			
Decachlorobiphenyl	2051-24-3	39	149
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	147
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	35	143
EP075(SIM)S: Phenolic Compound Surrogates			
Phenol-d6	13127-88-3	63	123
2-Chlorophenol-D4	93951-73-6	66	122
2.4.6-Tribromophenol	118-79-6	40	138
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	70	122
Anthracene-d10	1719-06-8	66	128
4-Terphenyl-d14	1718-51-0	65	129
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	63	125
Toluene-D8	2037-26-5	67	124
4-Bromofluorobenzene	460-00-4	66	131
EP231S: PFAS Surrogate			
13C4-PFOS	----	60	120
13C8-PFOA	----	60	120

QUALITY CONTROL REPORT

Work Order	: **ES2516956**	Page	: 1 of 12
Client	: **STANTEC AUSTRALIA PTY LTD**	Laboratory	: Environmental Division Sydney
Contact	: CALLUM LAKER	Contact	: Khaleda Ataei
Address	: Shop 1, Level 1 16 Burelli St Wollongong	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: + 61 2 8784 8555
Project	: 3050016633 Milton PS	Date Samples Received	: 05-Jun-2025
Order number	: 305001173	Date Analysis Commenced	: 06-Jun-2025
C-O-C number	: ----	Issue Date	: 12-Jun-2025
Sampler	: ----		
Site	: ----		
Quote number	: EN/000		
No. of samples received	: 4		
No. of samples analysed	: 4		

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 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*
Alex Rossi	Organic Chemist	Sydney Organics, Smithfield, NSW
Ankit Joshi	Senior Chemist - Inorganics	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Franco Lentini	LCMS Coordinator	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
* = The final LOR has been raised due to dilution or other sample specific cause; adjusted LOR is shown in brackets. The duplicate ranges for Acceptable RPD% are applied to the final LOR where applicable.

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: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 6630935)									
ES2516953-001	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	20	20	0.0	0% - 50%
		EG005T: Nickel	7440-02-0	2	mg/kg	13	12	9.5	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	75	74	0.0	0% - 50%
		EG005T: Lead	7439-92-1	5	mg/kg	24	24	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	92	86	7.0	0% - 50%
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 6630938)									
ES2516953-001	Anonymous	EA055: Moisture Content	----	0.1 (1.0)*	%	13.8	12.9	6.6	0% - 50%
ES2516971-003	Anonymous	EA055: Moisture Content	----	0.1 (1.0)*	%	11.8	11.7	1.5	0% - 50%
EG035T: Total Recoverable Mercury by FIMS (QC Lot: 6630936)									
ES2516953-001	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	0.5	0.4	0.0	No Limit
EP066: Polychlorinated Biphenyls (PCB) (QC Lot: 6630672)									
ES2516953-001	Anonymous	EP066: Total Polychlorinated biphenyls	----	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EP068A: Organochlorine Pesticides (OC) (QC Lot: 6630671)									
ES2516953-001	Anonymous	EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: gamma-BHC - (Lindane)	58-89-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP068A: Organochlorine Pesticides (OC) (QC Lot: 6630671) - continued									
ES2516953-001	Anonymous	EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 6630671)									
ES2516953-001	Anonymous	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP075(SIM)A: Phenolic Compounds (QC Lot: 6630670)									

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
				Laboratory Duplicate (DUP) Report					
EP075(SIM)A: Phenolic Compounds (QC Lot: 6630670) - continued									
ES2516953-001	Anonymous	EP075(SIM): Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 3- & 4-Methylphenol	1319-77-3	1	mg/kg	<1	<1	0.0	No Limit
		EP075(SIM): Pentachlorophenol	87-86-5	2	mg/kg	<2	<2	0.0	No Limit
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 6630670)									
ES2516953-001	Anonymous	EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 6630669)									
ES2516953-001	Anonymous	EP071: C15 - C28 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C29 - C36 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C10 - C14 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 6630775)									

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
				Laboratory Duplicate (DUP) Report					
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 6630775) - continued									
ES2516953-001	Anonymous	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
ES2516971-010	Anonymous	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 6630669)									
ES2516953-001	Anonymous	EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 6630775)									
ES2516953-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
ES2516971-010	Anonymous	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
EP080: BTEXN (QC Lot: 6630775)									
ES2516953-001	Anonymous	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
ES2516971-010	Anonymous	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 6631322)									
ES2516878-017	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	0.0004	0.0004	0.0	No Limit
ES2516956-002	QC100	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	0.0005	0.0005	0.0	No Limit
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 6631322)									
ES2516878-017	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 6631322) - continued									
ES2516956-002	QC100	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QC Lot: 6631322)									
ES2516878-017	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
ES2516956-002	QC100	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	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: **SOIL**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 6630935)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	121.1 mg/kg	88.7	88.0	113
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	0.74 mg/kg	72.6	70.0	130
EG005T: Chromium	7440-47-3	2	mg/kg	<2	19.6 mg/kg	104	68.0	132
EG005T: Copper	7440-50-8	5	mg/kg	<5	52.9 mg/kg	90.8	89.0	111
EG005T: Lead	7439-92-1	5	mg/kg	<5	60.8 mg/kg	90.9	82.0	119
EG005T: Nickel	7440-02-0	2	mg/kg	<2	15.3 mg/kg	89.2	80.0	120
EG005T: Zinc	7440-66-6	5	mg/kg	<5	139.3 mg/kg	82.4	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 6630936)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.087 mg/kg	84.5	70.0	125
EP066: Polychlorinated Biphenyls (PCB) (QCLot: 6630672)								
EP066: Total Polychlorinated biphenyls	----	0.1	mg/kg	<0.1	1 mg/kg	98.5	62.0	126
EP068A: Organochlorine Pesticides (OC) (QCLot: 6630671)								
EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	0.5 mg/kg	93.6	69.0	113
EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	0.5 mg/kg	95.1	65.0	117
EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	0.5 mg/kg	86.0	67.0	119
EP068: gamma-BHC - (Lindane)	58-89-9	0.05	mg/kg	<0.05	0.5 mg/kg	88.8	68.0	116
EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	89.1	65.0	117
EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	0.5 mg/kg	81.4	67.0	115
EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	0.5 mg/kg	87.0	69.0	115
EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	0.5 mg/kg	75.2	62.0	118
EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	0.5 mg/kg	81.9	63.0	117
EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	0.5 mg/kg	82.7	66.0	116
EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	0.5 mg/kg	78.3	64.0	116
EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	0.5 mg/kg	81.0	66.0	116
EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	0.5 mg/kg	78.0	67.0	115
EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	0.5 mg/kg	97.5	67.0	123
EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	0.5 mg/kg	94.0	69.0	115
EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	0.5 mg/kg	83.1	69.0	121
EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	0.5 mg/kg	91.9	56.0	120
EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	0.5 mg/kg	81.7	62.0	124

Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP068A: Organochlorine Pesticides (OC) (QCLot: 6630671) - continued								
EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	0.5 mg/kg	87.1	66.0	120
EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	0.5 mg/kg	91.5	64.0	122
EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	0.5 mg/kg	79.8	54.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 6630671)								
EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	0.5 mg/kg	97.0	59.0	119
EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	80.1	62.0	128
EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	0.5 mg/kg	84.6	54.0	126
EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	0.5 mg/kg	105	67.0	119
EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	0.5 mg/kg	87.6	70.0	120
EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	0.5 mg/kg	78.4	72.0	120
EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	0.5 mg/kg	81.0	68.0	120
EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	0.5 mg/kg	76.5	68.0	122
EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	0.5 mg/kg	76.8	69.0	117
EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	0.5 mg/kg	78.3	76.0	118
EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	0.5 mg/kg	84.1	64.0	122
EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	0.5 mg/kg	80.2	70.0	116
EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	0.5 mg/kg	90.5	69.0	121
EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	0.5 mg/kg	77.0	66.0	118
EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	0.5 mg/kg	78.0	68.0	124
EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	0.5 mg/kg	87.3	62.0	112
EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	0.5 mg/kg	77.8	68.0	120
EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	0.5 mg/kg	87.4	65.0	127
EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	0.5 mg/kg	50.4	41.0	123
EP075(SIM)A: Phenolic Compounds (QCLot: 6630670)								
EP075(SIM): Phenol	108-95-2	0.5	mg/kg	<0.5	6 mg/kg	96.7	71.0	125
EP075(SIM): 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	6 mg/kg	106	72.0	124
EP075(SIM): 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	6 mg/kg	86.3	71.0	123
EP075(SIM): 3- & 4-Methylphenol	1319-77-3	1	mg/kg	<1	12 mg/kg	107	67.0	127
EP075(SIM): 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	6 mg/kg	94.0	54.0	114
EP075(SIM): 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	6 mg/kg	75.0	68.0	126
EP075(SIM): 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	6 mg/kg	74.5	66.0	120
EP075(SIM): 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	6 mg/kg	106	70.0	120
EP075(SIM): 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	6 mg/kg	88.2	70.0	116
EP075(SIM): 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	6 mg/kg	92.6	54.0	114

Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP075(SIM)A: Phenolic Compounds (QCLot: 6630670) - continued								
EP075(SIM): 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	6 mg/kg	104	60.0	114
EP075(SIM): Pentachlorophenol	87-86-5	2	mg/kg	<2	12 mg/kg	45.0	10.0	80.0
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 6630670)								
EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	6 mg/kg	100	77.0	125
EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	6 mg/kg	78.4	72.0	124
EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	6 mg/kg	84.4	73.0	127
EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	6 mg/kg	98.2	72.0	126
EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	6 mg/kg	102	75.0	127
EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	6 mg/kg	83.1	77.0	127
EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	6 mg/kg	91.3	73.0	127
EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	6 mg/kg	99.1	74.0	128
EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	6 mg/kg	96.5	69.0	123
EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	6 mg/kg	105	75.0	127
EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	6 mg/kg	95.2	68.0	116
EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	6 mg/kg	105	74.0	126
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	6 mg/kg	94.6	70.0	126
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	6 mg/kg	89.0	61.0	121
EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	6 mg/kg	94.7	62.0	118
EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	6 mg/kg	93.1	63.0	121
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6630669)								
EP071: C10 - C14 Fraction	----	50	mg/kg	<50	300 mg/kg	104	75.0	129
EP071: C15 - C28 Fraction	----	100	mg/kg	<100	450 mg/kg	99.4	77.0	131
EP071: C29 - C36 Fraction	----	100	mg/kg	<100	300 mg/kg	104	71.0	129
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6630775)								
EP080: C6 - C9 Fraction	----	10	mg/kg	<10	26 mg/kg	94.7	72.2	131
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6630669)								
EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	375 mg/kg	103	77.0	125
EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	525 mg/kg	99.9	74.0	138
EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	225 mg/kg	107	63.0	131
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6630775)								
EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	31 mg/kg	83.5	72.4	133
EP080: BTEXN (QCLot: 6630775)								
EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	79.8	76.0	124

Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low	Acceptable Limits (%) High
EP080: BTEXN (QCLot: 6630775) - continued								
EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	89.2	78.5	121
EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	83.2	77.4	121
EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	2 mg/kg	85.7	78.2	121
EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	89.0	81.3	121
EP080: Naphthalene	91-20-3	1	mg/kg	<1	1 mg/kg	80.8	78.8	122
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 6631322)								
EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	0.00125 mg/kg	94.5	72.0	128
EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	93.5	67.0	130
EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	94.8	68.0	136
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 6631322)								
EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	0.00625 mg/kg	105	71.0	135
EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	96.6	69.0	132
EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	102	70.0	132
EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	107	71.0	131
EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	104	69.0	133
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 6631322)								
EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	88.0	62.0	145
EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	0.00125 mg/kg	117	64.0	140
EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	98.4	65.0	137
EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	0.00125 mg/kg	92.4	69.2	143

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: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%) MS	Acceptable Limits (%) Low	Acceptable Limits (%) High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 6630935)							
ES2516953-001	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	91.5	70.0	130
		EG005T: Cadmium	7440-43-9	50 mg/kg	101	70.0	130
		EG005T: Chromium	7440-47-3	50 mg/kg	91.6	68.0	132
		EG005T: Copper	7440-50-8	250 mg/kg	93.2	70.0	130
		EG005T: Lead	7439-92-1	250 mg/kg	90.0	70.0	130
		EG005T: Nickel	7440-02-0	50 mg/kg	94.9	70.0	130

Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 6630935) - continued							
ES2516953-001	Anonymous	EG005T: Zinc	7440-66-6	250 mg/kg	83.4	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 6630936)							
ES2516953-001	Anonymous	EG035T: Mercury	7439-97-6	5 mg/kg	87.4	70.0	130
EP066: Polychlorinated Biphenyls (PCB) (QCLot: 6630672)							
ES2516953-001	Anonymous	EP066: Total Polychlorinated biphenyls	----	1 mg/kg	107	70.0	130
EP068A: Organochlorine Pesticides (OC) (QCLot: 6630671)							
ES2516953-001	Anonymous	EP068: gamma-BHC - (Lindane)	58-89-9	0.5 mg/kg	98.8	70.0	130
		EP068: Heptachlor	76-44-8	0.5 mg/kg	91.3	70.0	130
		EP068: Aldrin	309-00-2	0.5 mg/kg	91.9	70.0	130
		EP068: Dieldrin	60-57-1	0.5 mg/kg	96.7	70.0	130
		EP068: Endrin	72-20-8	2 mg/kg	85.0	70.0	130
		EP068: 4.4`-DDT	50-29-3	2 mg/kg	81.5	70.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 6630671)							
ES2516953-001	Anonymous	EP068: Diazinon	333-41-5	0.5 mg/kg	113	70.0	130
		EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	108	70.0	130
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	80.2	70.0	130
		EP068: Bromophos-ethyl	4824-78-6	0.5 mg/kg	97.5	70.0	130
		EP068: Prothiofos	34643-46-4	0.5 mg/kg	80.0	70.0	130
EP075(SIM)A: Phenolic Compounds (QCLot: 6630670)							
ES2516953-001	Anonymous	EP075(SIM): Phenol	108-95-2	10 mg/kg	88.3	70.0	130
		EP075(SIM): 2-Chlorophenol	95-57-8	10 mg/kg	97.8	70.0	130
		EP075(SIM): 2-Nitrophenol	88-75-5	10 mg/kg	92.9	60.0	130
		EP075(SIM): 4-Chloro-3-methylphenol	59-50-7	10 mg/kg	95.6	70.0	130
		EP075(SIM): Pentachlorophenol	87-86-5	10 mg/kg	95.9	20.0	130
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 6630670)							
ES2516953-001	Anonymous	EP075(SIM): Acenaphthene	83-32-9	10 mg/kg	98.6	70.0	130
		EP075(SIM): Pyrene	129-00-0	10 mg/kg	102	70.0	130
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6630669)							
ES2516953-001	Anonymous	EP071: C10 - C14 Fraction	----	480 mg/kg	101	73.0	137
		EP071: C15 - C28 Fraction	----	3100 mg/kg	71.6	53.0	131
		EP071: C29 - C36 Fraction	----	2060 mg/kg	78.2	52.0	132
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6630775)							
ES2516953-001	Anonymous	EP080: C6 - C9 Fraction	----	32.5 mg/kg	96.6	60.4	142
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6630669)							
ES2516953-001	Anonymous	EP071: >C10 - C16 Fraction	----	860 mg/kg	90.1	73.0	137
		EP071: >C16 - C34 Fraction	----	4320 mg/kg	77.7	53.0	131

Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6630669) - continued							
ES2516953-001	Anonymous	EP071: >C34 - C40 Fraction	----	890 mg/kg	78.2	52.0	132
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6630775)							
ES2516953-001	Anonymous	EP080: C6 - C10 Fraction	C6_C10	37.5 mg/kg	86.9	61.1	142
EP080: BTEXN (QCLot: 6630775)							
ES2516953-001	Anonymous	EP080: Benzene	71-43-2	2.5 mg/kg	84.2	62.1	122
		EP080: Toluene	108-88-3	2.5 mg/kg	88.5	66.6	119
		EP080: Ethylbenzene	100-41-4	2.5 mg/kg	84.1	67.4	123
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2.5 mg/kg	83.0	66.4	121
		EP080: ortho-Xylene	95-47-6	2.5 mg/kg	87.8	70.7	121
		EP080: Naphthalene	91-20-3	2.5 mg/kg	96.7	61.1	115
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 6631322)							
ES2516878-017	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.00125 mg/kg	98.5	72.0	128
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.00125 mg/kg	80.4	67.0	130
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.00125 mg/kg	111	68.0	136
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 6631322)							
ES2516878-017	Anonymous	EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.00625 mg/kg	123	71.0	135
		EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.00125 mg/kg	111	69.0	132
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.00125 mg/kg	111	70.0	132
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.00125 mg/kg	108	71.0	131
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.00125 mg/kg	108	69.0	133
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 6631322)							
ES2516878-017	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.00125 mg/kg	100	62.0	145
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.00125 mg/kg	82.8	64.0	140
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.00125 mg/kg	114	65.0	137
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.00125 mg/kg	81.6	69.2	143

QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **ES2516956**	Page	: 1 of 7
Client	: **STANTEC AUSTRALIA PTY LTD**	Laboratory	: Environmental Division Sydney
Contact	: CALLUM LAKER	Telephone	: + 61 2 8784 8555
Project	: 3050016633 Milton PS	Date Samples Received	: 05-Jun-2025
Site	: ----	Issue Date	: 12-Jun-2025
Sampler	: ----	No. of samples received	: 4
Order number	: 305001173	No. of samples analysed	: 4

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: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EA055: Moisture Content (Dried @ 105-110°C)							
Soil Glass Jar - Unpreserved (EA055) QC300, QC100, QC200, QC301	**29-May-2025**	**----**	----	----	**06-Jun-2025**	12-Jun-2025	✓
EG005(ED093)T: Total Metals by ICP-AES							
Soil Glass Jar - Unpreserved (EG005T) QC300, QC100, QC200, QC301	**29-May-2025**	**06-Jun-2025**	25-Nov-2025	✓	**06-Jun-2025**	25-Nov-2025	✓
EG035T: Total Recoverable Mercury by FIMS							
Soil Glass Jar - Unpreserved (EG035T) QC300, QC100, QC200, QC301	**29-May-2025**	**06-Jun-2025**	26-Jun-2025	✓	**10-Jun-2025**	26-Jun-2025	✓
EP066: Polychlorinated Biphenyls (PCB)							
Soil Glass Jar - Unpreserved (EP066) QC300, QC100, QC200, QC301	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**10-Jun-2025**	16-Jul-2025	✓
EP068A: Organochlorine Pesticides (OC)							
Soil Glass Jar - Unpreserved (EP068) QC300, QC100, QC200, QC301	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**10-Jun-2025**	16-Jul-2025	✓
EP068B: Organophosphorus Pesticides (OP)							
Soil Glass Jar - Unpreserved (EP068) QC300, QC100, QC200, QC301	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**10-Jun-2025**	16-Jul-2025	✓
EP075(SIM)A: Phenolic Compounds							
Soil Glass Jar - Unpreserved (EP075(SIM)) QC300	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**06-Jun-2025**	16-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP075(SIM)) QC100, QC200, QC301	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**07-Jun-2025**	16-Jul-2025	✓

Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons							
Soil Glass Jar - Unpreserved (EP075(SIM)) QC300	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**06-Jun-2025**	16-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP075(SIM)) QC100, QC200, QC301	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**07-Jun-2025**	16-Jul-2025	✓
EP080/071: Total Petroleum Hydrocarbons							
Soil Glass Jar - Unpreserved (EP080) QC300, QC100	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**06-Jun-2025**	12-Jun-2025	✓
Soil Glass Jar - Unpreserved (EP071) QC300, QC100, QC200, QC301	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**07-Jun-2025**	16-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP080) QC301	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**10-Jun-2025**	12-Jun-2025	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
Soil Glass Jar - Unpreserved (EP080) QC300, QC100	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**06-Jun-2025**	12-Jun-2025	✓
Soil Glass Jar - Unpreserved (EP071) QC300, QC100, QC200, QC301	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**07-Jun-2025**	16-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP080) QC301	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**10-Jun-2025**	12-Jun-2025	✓
EP080: BTEXN							
Soil Glass Jar - Unpreserved (EP080) QC300, QC100	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**06-Jun-2025**	12-Jun-2025	✓
Soil Glass Jar - Unpreserved (EP080) QC200	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**07-Jun-2025**	12-Jun-2025	✓
Soil Glass Jar - Unpreserved (EP080) QC301	**29-May-2025**	**06-Jun-2025**	12-Jun-2025	✓	**10-Jun-2025**	12-Jun-2025	✓
EP231A: Perfluoroalkyl Sulfonic Acids							
Soil Glass Jar - Unpreserved (EP231X) QC100, QC200	**29-May-2025**	**06-Jun-2025**	25-Nov-2025	✓	**11-Jun-2025**	16-Jul-2025	✓
EP231B: Perfluoroalkyl Carboxylic Acids							
Soil Glass Jar - Unpreserved (EP231X) QC100, QC200	**29-May-2025**	**06-Jun-2025**	25-Nov-2025	✓	**11-Jun-2025**	16-Jul-2025	✓
EP231D: (n:2) Fluorotelomer Sulfonic Acids							
Soil Glass Jar - Unpreserved (EP231X) QC100, QC200	**29-May-2025**	**06-Jun-2025**	25-Nov-2025	✓	**11-Jun-2025**	16-Jul-2025	✓
EP231P: PFAS Sums							
Soil Glass Jar - Unpreserved (EP231X) QC100, QC200	**29-May-2025**	**06-Jun-2025**	25-Nov-2025	✓	**11-Jun-2025**	16-Jul-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: **SOIL**

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)							
Moisture Content	EA055	2	11	**18.18**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	1	6	**16.67**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	2	13	**15.38**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	6	**16.67**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	6	**16.67**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	6	**16.67**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	6	**16.67**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	6	**16.67**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	2	11	**18.18**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
PAH/Phenols (SIM)	EP075(SIM)	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	13	**7.69**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
PAH/Phenols (SIM)	EP075(SIM)	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	13	**7.69**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
PAH/Phenols (SIM)	EP075(SIM)	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	13	**7.69**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	6	**16.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	11	**9.09**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

Matrix: **SOIL**

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*	

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*
Moisture Content	EA055	SOIL	In house: A gravimetric procedure based on weight loss over a 12 hour drying period at 105-110 degrees C. This method is compliant with NEPM Schedule B(3).
Total Metals by ICP-AES	EG005T	SOIL	In house: Referenced to APHA 3120; USEPA SW 846 - 6010. Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	In house: Referenced to APHA 3112 Hg - B (Flow-injection (SnCl2) (Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3)
Polychlorinated Biphenyls (PCB)	EP066	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed 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).
Pesticides by GCMS	EP068	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
TRH - Semivolatile Fraction	EP071	SOIL	In house: Referenced to USEPA SW 846 - 8015 Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C40. Compliant with NEPM Schedule B(3).
PAH/Phenols (SIM)	EP075(SIM)	SOIL	In house: Referenced to USEPA SW 846 - 8270. Extracts are analysed by Capillary GC/MS in Selective Ion Mode (SIM) 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	SOIL	In house: Referenced to USEPA SW 846 - 8260. Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. Compliant with NEPM Schedule B(3) amended.
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	SOIL	In-house: Analysis of soils by solvent extraction followed by negative mode LC-ESI-MS/MS using MRM and isotope dilution or internal standard quantitation. A portion of homogenised sample is extracted along with isotope dilution standards (where commercially available) in a solution of ammonium acetate in acetonitrile/methanol. Where relevant, interferences from co-extracted organics are removed using dispersive clean-up media (dSPE). A portion of extract is combined with an equal volume of reagent water and filtered for instrumental analysis.

Preparation Methods	*Method*	*Matrix*	*Method Descriptions*
Hot Block Digest for metals in soils sediments and sludges	EN69	SOIL	In house: Referenced to USEPA 200.2. Hot Block Acid Digestion 1.0g of sample is heated with Nitric and Hydrochloric acids, then cooled. Peroxide is added and samples heated and cooled again before being filtered and bulked to volume for analysis. Digest is appropriate for determination of selected metals in sludge, sediments, and soils. This method is compliant with NEPM Schedule B(3).

Preparation Methods	*Method*	*Matrix*	*Method Descriptions*
Methanolic Extraction of Soils for Purge and Trap	ORG16	SOIL	In house: Referenced to USEPA SW 846 - 5030A. 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids	ORG17	SOIL	In house: Mechanical agitation (tumbler). 10g of sample, Na2SO4 and surrogate are extracted with 30mL 1:1 DCM/Acetone by end over end tumble. The solvent is decanted, dehydrated and concentrated (by KD) to the desired volume for analysis.
QuECheRS Extraction of Solids	ORG71	SOIL	In house: Sequential extractions with Acetonitrile/Methanol by shaking. Extraction efficiency aided by the addition of salts under acidic conditions. Where relevant, interferences from co-extracted organics are removed with dispersive clean-up media (dSPE). The extract is either diluted or concentrated and exchanged into the analytical solvent.

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: -04°C chill

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container (Plastic Tube – PT; Bag – B; Acid Sulfate – ASSB; Plastic Bottle – PB; Plastic Jar - PJ; Glass Jar – GJ; Glass Bottle – GB; Glass Vial - GV)	TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
					Analytes – Single Analytes																							
	TP101_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP101_0.3	5/27/2025	Soil	GJ,B,PJ																		1						
	TP101_0.5	5/27/2025	Soil	GJ,B,ASSB																		1						
	TP101_1	5/27/2025	Soil	GJ,B																		1						
	TP101_1.4	5/27/2025	Soil	GJ																		1						
	TP102_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1						1							1			1			S-26	STD 8 METALS
	TP102_0.3	5/27/2025	Soil	GJ,B,PJ																		1						
	TP102_0.5	5/27/2025	Soil	GJ,ASSB																		1						
	TP103_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP103_0.3	5/27/2025	Soil	GJ,B,PJ																		1						
	TP103_0.5	5/27/2025	Soil	GJ																		1						
	TP104_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1						1		1					1			1			S-27	STD 8 METALS
	TP104_0.3	5/27/2025	Soil	GJ,B,PJ																		1						
	TP104_0.5	5/27/2025	Soil	GJ																		1						
	TP105_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1						1							1						S-26	STD 8 METALS
				Total	5		5	5	2	2	2			5		3					5	10						

Relinquished By: Sanka Gunarathna
Company: Stantec
Date: 03/06/25

Received By:
Company:
Time:
Date:

Environmental Division Sydney
Work Order Reference
ES2516956

Telephone : + 61-2-8784 8555

Rec: OT ALS 1435 5/6/25

Piham Al Smaydi 3/6 3:39 pm

Chain of Custody

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Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP105_0.3	5/27/2025	Soil	GJ,B,PJ																	1							
	TP105_0.5	5/27/2025	Soil	GJ																	1							
	TP106_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1						1							1			1			S-26	STD 8 METALS
	TP106_0.2	5/27/2025	Soil	GJ																	1							
	TP107_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP107_0.3	5/27/2025	Soil	GJ																	1							
	TP108_0.1	5/27/2025	Soil	GJ,B,PJ																	1			1				
	TP108_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1						S-19	STD 8 METALS
	TP108_0.5	5/27/2025	Soil	GJ,B,PJ																	1							
	TP108_1	5/27/2025	Soil	GJ,ASSB														1										
	TP109_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1													1			1			S-7	STD 8 METALS
	TP109_0.3	5/27/2025	Soil	GJ																	1							
	TP110_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP110_0.3	5/27/2025	Soil	GJ,B,PJ																	1							
	TP110_0.5	5/27/2025	Soil	GJ																				1				
				Total	5		5	5	3	3	3			4		3			1		5	8						

Rec: DE ALS 1435
5/6/25

Chain of Custody

Stantec

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Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP111_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP111_0.3	5/27/2025	Soil	GJ,B,PJ																	1							
	TP111_0.7	5/27/2025	Soil	GJ,B,PJ																		1						
	TP111_1.1	5/27/2025	Soil	GJ,ASSB															1									
	TP112_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP112_0.3	5/27/2025	Soil	GJ,B,PJ																		1						
	TP112_0.5	5/27/2025	Soil	GJ,B																		1						
	TP112_1	5/27/2025	Soil	GJ																		1						
	TP113_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
	TP113_0.3	5/27/2025	Soil	GJ,B,PJ																		1						
	TP113_0.5	5/27/2025	Soil	GJ,B																		1						
	TP114_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1													1			1			S-7	STD 8 METALS
	TP114_0.3	5/27/2025	Soil	GJ,B																		1						
	TP114_0.7	5/27/2025	Soil	GJ																		1						
	TP115_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS
				Total	5		5	5	4	4	4			4		4			1		6	8						

Rec: DT ALS 5/6/25 1435

Chain of Custody

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To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP115_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1														S-16	STD 8 METALS
	TP115_0.5	5/27/2025	Soil	GJ,B																		1							
	TP115_1	5/27/2025	Soil	GJ,B																		1							
	TP115_1.5	5/27/2025	Soil	GJ,B																		1							
	TP115_2	5/27/2025	Soil	GJ,ASSB																				1					
	TP116_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1						1			1			S-19	STD 8 METALS
	TP116_0.3	5/28/2025	Soil	GJ,B,PJ																		1							
	TP116_0.5	5/28/2025	Soil	GJ,B	1		1							1														S-5	STD 8 METALS
	TP116_1	5/28/2025	Soil	GJ,B																		1							
	TP117_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1						1								1			1			S-26	STD 8 METALS
	TP117_0.3	5/28/2025	Soil	GJ,B,PJ																		1							
	TP117_0.5	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1												S-19	STD 8 METALS
	TP117_1	5/28/2025	Soil	GJ,B																		1							
	TP117_1.3	5/28/2025	Soil	GJ																		1							
	TP118_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1						1		1						1			1			S-27	STD 8 METALS
				Total	6		6	5	3	3	3			6		3						3	8						

Rec: DT ALS 5/6/25 1435

Chain of Custody

Stantec

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Address: Shop 1, Level 1
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Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP118_0.3	5/28/2025	Soil	GJ,B																		1							
	TP118_0.5	5/28/2025	Soil	GJ,B																		1							
	TP118_1	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1												S-19	STD 8 METALS
	TP118_1.5	5/28/2025	Soil	GJ,B																		1							
	TP118_2	5/28/2025	Soil	GJ,B																		1							
	TP118_2.5	5/28/2025	Soil	GJ																		1							
	TP119_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1				S-19	STD 8 METALS
	TP119_0.3	5/28/2025	Soil	GJ,B																		1							
	TP119_0.5	5/28/2025	Soil	GJ,B																		1							
	TP119_1	5/28/2025	Soil	GJ																		1							
	TP120_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1				S-19	STD 8 METALS
	TP120_0.3	5/28/2025	Soil	GJ,B																		1							
	TP120_0.7	5/28/2025	Soil	GJ																		1							
	TP121_0.1	5/28/2025	Soil	GJ,B,PJ																	1			1					
	TP121_0.3	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1												S-19	STD 8 METALS
				Total	4		4	4	4	4	4			4		4					3	10							

Rec: DT 5/6/25 1435

Chain of Custody

Stantec

From: Stantec Wollongong
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TAT: Standard
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Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP121_0.7	5/28/2025	Soil	GJ,ASSB															1										
	TP122_0.1	5/28/2025	Soil	GJ,B,PJ																	1								
	TP122_0.3	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1														S-16	STD 8 METALS
	TP122_0.5	5/28/2025	Soil	GJ,B																		1							
	TP122_1	5/28/2025	Soil	GJ,B																		1							
	TP122_1.7	5/28/2025	Soil	GJ																		1							
	TP122_2.2	5/28/2025	Soil	GJ																		1							
	TP122_2.7	5/28/2025	Soil	GJ																		1							
	TP123_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1				S-19	STD 8 METALS
	TP123_0.5	5/28/2025	Soil	GJ,B	1		1	1						1							1							S-26	STD 8 METALS
	TP123_1	5/28/2025	Soil	GJ,B																		1							
	TP123_1.5	5/28/2025	Soil	GJ																		1							
	TP123_2.5	5/28/2025	Soil	GJ																		1							
	TP123_3.5	5/28/2025	Soil	GJ																		1							
	TP124_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1				S-19	STD 8 METALS
				Total	4		4	4	3	3	3			4		2			1		4	9							

Rec : DT 5/6/25 1425

Chain of Custody

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TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP124_0.3	5/28/2025	Soil	GJ,B																		1							
	TP124_0.8	5/28/2025	Soil	GJ																		1							
	TP125_0.1	5/28/2025	Soil	GJ,B,PJ																	1			1					
	TP125_0.3	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1											S-19	STD 8 METALS	
	TP126_0.1	5/28/2025	Soil	GJ,B,PJ																	1								
	TP126_0.3	5/28/2025	Soil	GJ,B																		1							
	TP126_0.5	5/28/2025	Soil	GJ																		1							
	TP127_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS	
	TP127_0.3	5/28/2025	Soil	GJ,B																		1							
	TP127_0.5	5/28/2025	Soil	GJ																		1							
	HA101_0.1	5/29/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			S-19	STD 8 METALS	
	HA101_0.3	5/29/2025	Soil	GJ,B,PJ																		1							
	HA101_0.5	5/29/2025	Soil	GJ,B																		1							
	HA101_1	5/29/2025	Soil	GJ																		1							
	HA102_0.1	5/29/2025	Soil	GJ,B,PJ																	1			1					
				Total	3		3	3	3	3	3			3		3					5	9							

Rec: DT ACS 5/6/25 1435

Chain of Custody

Stantec

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TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	HA102_0.3	5/29/2025	Soil	GJ,B																		1							
	HA102_0.5	5/29/2025	Soil	GJ																		1							
	HA102_0.9	5/29/2025	Soil	GJ,B																		1							
	HA102-ACM-0-0.2	5/29/2025	Building Mat	B																					1				
	HA103_0.1	5/29/2025	Soil	GJ,B,PJ																	1			1					
	HA103_0.5	5/29/2025	Soil	GJ,B,PJ																		1							
	HA103_0.8	5/29/2025	Soil	GJ																		1							
	SW-01	5/29/2025	Water	2GV,4PB,,GB	1		1	1	1	1	1			1		1								1			W-19	STD 8 METALS	
	SW-02	5/29/2025	Water	2GV,4PB,,GB	1		1	1	1	1	1			1		1								1			W-19	STD 8 METALS	
	SW-03	5/29/2025	Water	2GV,4PB,,GB	1		1	1	1	1	1			1		1								1			W-19	STD 8 METALS	
	SED-1	5/29/2025	Soil	GJ	1		1	1	1	1	1			1		1											S-19	STD 8 METALS	
	SED-2	5/29/2025	Soil	GJ	1		1	1	1	1	1			1		1											S-19	STD 8 METALS	
	SED-3	5/29/2025	Soil	GJ	1		1	1	1	1	1			1		1											S-19	STD 8 METALS	
	QA400	5/29/2025	Water	2GV,4PB,,GB	1		1	1	1	1	1			1		1								1			W-19	STD 8 METALS	
	QC400	5/29/2025	Water	2GV,4PB,,GB	1		1	1	1	1	1			1		1							1	1			W-19	STD 8 METALS , send to ALS	
				Total	8		8	8	8	8	8			8		8					1	5	1						

Rec: DT ALS 5/6/25 1435

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	QA300	5/29/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1								1			S-19	STD 8 METALS
1	QC300	5/29/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1											S-19	STD 8 METALS, send to ALS
	QA100	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1								1			S-19	STD 8 METALS
2	QC100	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1							1	1			S-19	STD 8 METALS, send to ALS
	QA101	5/27/2025	Soil	GJ,PJ																		1						
	QC101	5/27/2025	Soil	GJ,PJ																		1						
	QA102	5/27/2025	Soil	GJ,PJ																		1						
	QC102	5/27/2025	Soil	GJ,PJ																		1						
	QA103	5/27/2025	Soil	GJ,PJ																		1						
	QC103	5/27/2025	Soil	GJ,PJ																		1						
	QA200	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1								1			S-19	STD 8 METALS
3	QC200	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1							1	1			S-19	STD 8 METALS, send to ALS
	QA201	5/28/2025	Soil	GJ,PJ																		1						
	QC201	5/28/2025	Soil	GJ,PJ																		1						
	QA301	5/29/2025	Soil	PJ	1		1	1	1	1	1			1		1											S-19	STD 8 METALS
				Total	7		7	7	7	7	7			7		7						8	2					

Rec: DT ALS 5/6/25 1430

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Envirolab Sydney
Address:
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/3/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID:
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	S-2 - 7 Metals	S-1 - 8 Metals	S-3 - NEPM 15 Metals	Phenols	VOCs	SVOC	pH - ASS Field Screen	SVOC	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
4	QC301	5/29/2025	Soil	PJ	1		1	1	1	1	1			1		1							1					S-19	STD 8 METALS, send to ALS
	Rin-G	28/05/2025	Water	2GV,3PB,,GB																		1							
	Rin-H	29/05/2025	Water	2GV,3PB,,GB	1		1	1	1	1	1			1		1								1				W-19	STD 8 METALS
	Rin-SC	29/05/2025	Water	2GV,3PB,,GB	1		1	1	1	1	1			1		1								1				W-19	STD 8 METALS
	Trip Blank	23/05/2025	Soil	GV			1																					S-4	
	Trip Spike	23/05/2025	Soil	GV			1																					S-4	
	Rin-PFAS	29/05/2025	Water	PB																		1							
				Total	3		5	3	3	3	3			3		3						2	1						

Rec: DT ALS 5/6/25 1435.

CERTIFICATE OF ANALYSIS

Work Order	: **ES2517149**	Page	: 1 of 9
Client	: **STANTEC AUSTRALIA PTY LTD**	Laboratory	: Environmental Division Sydney
Contact	: CALLUM LAKER	Contact	: Khaleda Ataei
Address	: Shop 1, Level 1 16 Burelli St Wollongong	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: + 61 2 8784 8555
Project	: 3050016633 Milton PS	Date Samples Received	: 06-Jun-2025 14:23
Order number	: 305001173	Date Analysis Commenced	: 10-Jun-2025
C-O-C number	: ----	Issue Date	: 13-Jun-2025 14:42
Sampler	: SANKA GUNARATHNA		
Site	: Milton PS		
Quote number	: EN/000		
No. of samples received	: 5		
No. of samples analysed	: 5		

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*
Alex Rossi	Organic Chemist	Sydney Organics, Smithfield, NSW
Ankit Joshi	Senior Chemist - Inorganics	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Inorganics, Smithfield, NSW
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.

- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a.h)anthracene (1.0), Benzo(g.h.i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP068: Where reported, Total OCP is the sum of the reported concentrations of all Organochlorine Pesticides at or above LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EP231: Stable isotope enriched internal standards are added to samples prior to extraction. Target compounds have a direct analogous internal standard with the exception of PFPeS, PFHpA, PFDS, PFTrDA and 10:2 FTS. These compounds use an internal standard that is chemically related and has a retention time close to that of the target compound. The DQO for internal standard response is 50-150% of that established at initial calibration or as per USEPA 1633 limits where listed. PFOS is quantified using a certified, traceable standard consisting of linear and branched PFOS isomers. These practices are in line with recommendations in the National Environmental Management Plan for PFAS and also conform to QSM 5.4 (US DoD) requirements.

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC102	QC200	QC201
			Sampling date / time	29-May-2025 00:00	27-May-2025 00:00	27-May-2025 00:00	28-May-2025 00:00	28-May-2025 00:00
Compound	CAS Number	LOR	Unit	ES2517149-001	ES2517149-002	ES2517149-003	ES2517149-004	ES2517149-005
				Result	Result	Result	Result	Result
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	**41.9**	**24.4**	**13.5**	**29.2**	**35.6**
EG005(ED093)T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	<5	<5	<5	<5	**6**
Cadmium	7440-43-9	1	mg/kg	<1	<1	<1	<1	<1
Chromium	7440-47-3	2	mg/kg	**9**	**4**	**13**	**15**	**12**
Copper	7440-50-8	5	mg/kg	**42**	**78**	**31**	**99**	**76**
Lead	7439-92-1	5	mg/kg	**28**	**40**	**17**	**18**	**30**
Nickel	7440-02-0	2	mg/kg	**2**	<2	**15**	**4**	**8**
Zinc	7440-66-6	5	mg/kg	**71**	**86**	**79**	**59**	**79**
EG035T: Total Recoverable Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	**0.2**
EP066: Polychlorinated Biphenyls (PCB)								
Total Polychlorinated biphenyls	----	0.1	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
gamma-BHC - (Lindane)	58-89-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
^ Total Chlordane (sum)	----	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC102	QC200	QC201
			Sampling date / time	29-May-2025 00:00	27-May-2025 00:00	27-May-2025 00:00	28-May-2025 00:00	28-May-2025 00:00
Compound	CAS Number	LOR	Unit	ES2517149-001	ES2517149-002	ES2517149-003	ES2517149-004	ES2517149-005
				Result	Result	Result	Result	Result
EP068A: Organochlorine Pesticides (OC) - Continued								
4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
^ **Endosulfan (sum)**	115-29-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
^ **Sum of Aldrin + Dieldrin**	309-00-2/60-57-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
^ **Sum of DDD + DDE + DDT**	72-54-8/72-55-9/50-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
EP068B: Organophosphorus Pesticides (OP)								
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC102	QC200	QC201
			Sampling date / time	29-May-2025 00:00	27-May-2025 00:00	27-May-2025 00:00	28-May-2025 00:00	28-May-2025 00:00
Compound	CAS Number	LOR	Unit	ES2517149-001	ES2517149-002	ES2517149-003	ES2517149-004	ES2517149-005
				Result	Result	Result	Result	Result
EP068B: Organophosphorus Pesticides (OP) - Continued								
Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
EP075(SIM)A: Phenolic Compounds								
Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
3- & 4-Methylphenol	1319-77-3	1	mg/kg	<1	<1	<1	<1	<1
2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Pentachlorophenol	87-86-5	2	mg/kg	<2	<2	<2	<2	<2
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons								
Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC102	QC200	QC201
			Sampling date / time	29-May-2025 00:00	27-May-2025 00:00	27-May-2025 00:00	28-May-2025 00:00	28-May-2025 00:00
Compound	CAS Number	LOR	Unit	ES2517149-001	ES2517149-002	ES2517149-003	ES2517149-004	ES2517149-005
				Result	Result	Result	Result	Result
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued								
Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	**0.6**	**0.6**	**0.6**	**0.6**	**0.6**
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	**1.2**	**1.2**	**1.2**	**1.2**	**1.2**
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction	----	10	mg/kg	<10	<10	<10	<10	<10
C10 - C14 Fraction	----	50	mg/kg	<50	<50	<50	<50	<50
C15 - C28 Fraction	----	100	mg/kg	<100	<100	<100	<100	<100
C29 - C36 Fraction	----	100	mg/kg	<100	<100	<100	<100	<100
^ C10 - C36 Fraction (sum)	----	50	mg/kg	<50	<50	<50	<50	<50
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions								
C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	<10	<10	<10
^ C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	10	mg/kg	<10	<10	<10	<10	<10
>C10 - C16 Fraction	----	50	mg/kg	<50	<50	<50	<50	<50
>C16 - C34 Fraction	----	100	mg/kg	<100	<100	<100	<100	<100
>C34 - C40 Fraction	----	100	mg/kg	<100	<100	<100	<100	<100
^ >C10 - C40 Fraction (sum)	----	50	mg/kg	<50	<50	<50	<50	<50

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC102	QC200	QC201
			Sampling date / time	29-May-2025 00:00	27-May-2025 00:00	27-May-2025 00:00	28-May-2025 00:00	28-May-2025 00:00
Compound	CAS Number	LOR	Unit	ES2517149-001	ES2517149-002	ES2517149-003	ES2517149-004	ES2517149-005
				Result	Result	Result	Result	Result
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions - Continued								
^ >C10 - C16 Fraction minus Naphthalene (F2)	----	50	mg/kg	<50	<50	<50	<50	<50
EP080: BTEXN								
Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
^ Sum of BTEX	----	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
^ Total Xylenes	----	0.5	mg/kg	<0.5	<0.5	<0.5	<0.5	<0.5
Naphthalene	91-20-3	1	mg/kg	<1	<1	<1	<1	<1
EP231A: Perfluoroalkyl Sulfonic Acids								
Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	----	<0.0002	<0.0002	<0.0002	<0.0002
Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	----	<0.0002	<0.0002	<0.0002	<0.0002
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	----	**0.0006**	**0.0007**	**0.0019**	**0.0012**
EP231B: Perfluoroalkyl Carboxylic Acids								
Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	----	<0.001	<0.001	<0.001	<0.001
Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	----	<0.0002	<0.0002	<0.0002	<0.0002
Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	----	<0.0002	<0.0002	<0.0002	<0.0002
Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	----	<0.0002	<0.0002	<0.0002	<0.0002
Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	----	<0.0002	<0.0002	<0.0002	<0.0002
EP231D: (n:2) Fluorotelomer Sulfonic Acids								
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	----	<0.0005	<0.0005	<0.0005	<0.0005
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	----	<0.0005	<0.0005	<0.0005	<0.0005
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	----	<0.0005	<0.0005	<0.0005	<0.0005

Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	QC300	QC100	QC102	QC200	QC201
			Sampling date / time	29-May-2025 00:00	27-May-2025 00:00	27-May-2025 00:00	28-May-2025 00:00	28-May-2025 00:00
Compound	CAS Number	LOR	Unit	ES2517149-001	ES2517149-002	ES2517149-003	ES2517149-004	ES2517149-005
				Result	Result	Result	Result	Result
EP231D: (n:2) Fluorotelomer Sulfonic Acids - Continued								
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	----	<0.0005	<0.0005	<0.0005	<0.0005
EP231P: PFAS Sums								
Sum of PFHxS and PFOS	355-46-4/1763-23-1	0.0002	mg/kg	----	**0.0006**	**0.0007**	**0.0019**	**0.0012**
Sum of PFAS (WA DER List)	----	0.0002	mg/kg	----	**0.0006**	**0.0007**	**0.0019**	**0.0012**
EP066S: PCB Surrogate								
Decachlorobiphenyl	2051-24-3	0.1	%	**107**	**112**	**103**	**98.5**	**89.2**
EP068S: Organochlorine Pesticide Surrogate								
Dibromo-DDE	21655-73-2	0.05	%	**99.3**	**101**	**95.8**	**111**	**78.4**
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.05	%	**91.8**	**94.1**	**88.9**	**85.3**	**78.6**
EP075(SIM)S: Phenolic Compound Surrogates								
Phenol-d6	13127-88-3	0.5	%	**95.2**	**97.2**	**111**	**110**	**105**
2-Chlorophenol-D4	93951-73-6	0.5	%	**99.7**	**98.4**	**98.2**	**99.7**	**102**
2.4.6-Tribromophenol	118-79-6	0.5	%	**72.5**	**71.6**	**67.8**	**71.8**	**72.0**
EP075(SIM)T: PAH Surrogates								
2-Fluorobiphenyl	321-60-8	0.5	%	**112**	**111**	**109**	**113**	**113**
Anthracene-d10	1719-06-8	0.5	%	**85.0**	**83.9**	**82.3**	**85.7**	**85.1**
4-Terphenyl-d14	1718-51-0	0.5	%	**103**	**101**	**98.8**	**104**	**103**
EP080S: TPH(V)/BTEX Surrogates								
1.2-Dichloroethane-D4	17060-07-0	0.2	%	**71.1**	**78.2**	**80.5**	**74.4**	**75.8**
Toluene-D8	2037-26-5	0.2	%	**70.7**	**77.1**	**78.4**	**71.0**	**74.9**
4-Bromofluorobenzene	460-00-4	0.2	%	**85.7**	**93.6**	**95.2**	**89.0**	**90.2**
EP231S: PFAS Surrogate								
13C4-PFOS	----	0.0002	%	----	**104**	**102**	**106**	**99.2**
13C8-PFOA	----	0.0002	%	----	**106**	**103**	**106**	**104**

Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP066S: PCB Surrogate			
Decachlorobiphenyl	2051-24-3	39	149
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	147
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	35	143
EP075(SIM)S: Phenolic Compound Surrogates			
Phenol-d6	13127-88-3	63	123
2-Chlorophenol-D4	93951-73-6	66	122
2.4.6-Tribromophenol	118-79-6	40	138
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	70	122
Anthracene-d10	1719-06-8	66	128
4-Terphenyl-d14	1718-51-0	65	129
EP080S: TPH(V)/BTEX Surrogates			
1.2-Dichloroethane-D4	17060-07-0	63	125
Toluene-D8	2037-26-5	67	124
4-Bromofluorobenzene	460-00-4	66	131
EP231S: PFAS Surrogate			
13C4-PFOS	----	60	120
13C8-PFOA	----	60	120

QUALITY CONTROL REPORT

Work Order	: **ES2517149**	Page	: 1 of 14
Client	: **STANTEC AUSTRALIA PTY LTD**	Laboratory	: Environmental Division Sydney
Contact	: CALLUM LAKER	Contact	: Khaleda Ataei
Address	: Shop 1, Level 1 16 Burelli St Wollongong	Address	: 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone	: ----	Telephone	: + 61 2 8784 8555
Project	: 3050016633 Milton PS	Date Samples Received	: 06-Jun-2025
Order number	: 305001173	Date Analysis Commenced	: 10-Jun-2025
C-O-C number	: ----	Issue Date	: 13-Jun-2025
Sampler	: SANKA GUNARATHNA		
Site	: Milton PS		
Quote number	: EN/000		
No. of samples received	: 5		
No. of samples analysed	: 5		

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 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*
Alex Rossi	Organic Chemist	Sydney Organics, Smithfield, NSW
Ankit Joshi	Senior Chemist - Inorganics	Sydney Inorganics, Smithfield, NSW
Edwandy Fadjar	Organic Coordinator	Sydney Inorganics, Smithfield, NSW
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.

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
* = The final LOR has been raised due to dilution or other sample specific cause; adjusted LOR is shown in brackets. The duplicate ranges for Acceptable RPD% are applied to the final LOR where applicable.

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: **SOIL**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	*Sample ID*	*Method: Compound*	*CAS Number*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD (%)*	*Acceptable RPD (%)*
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 6636649)									
ES2516391-025	Anonymous	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	29	24	19.4	0% - 50%
		EG005T: Nickel	7440-02-0	2	mg/kg	5	4	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	20	20	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	9	8	18.4	No Limit
ES2517149-003	QC102	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	13	14	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	15	16	11.2	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	31	48	42.8	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	17	19	9.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	79	67	16.7	0% - 50%
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 6636661)									
ES2516391-027	Anonymous	EA055: Moisture Content	----	0.1 (1.0)*	%	27.8	27.2	2.0	0% - 20%
ES2517149-003	QC102	EA055: Moisture Content	----	0.1 (1.0)*	%	13.5	10.1	29.1	0% - 50%
EG035T: Total Recoverable Mercury by FIMS (QC Lot: 6636648)									
ES2516391-025	Anonymous	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
ES2517149-003	QC102	EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	0.0	No Limit

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP066: Polychlorinated Biphenyls (PCB) (QC Lot: 6636026)									
ES2517149-001	QC300	EP066: Total Polychlorinated biphenyls	----	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
ES2517154-006	Anonymous	EP066: Total Polychlorinated biphenyls	----	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EP068A: Organochlorine Pesticides (OC) (QC Lot: 6636025)									
ES2517149-001	QC300	EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: gamma-BHC - (Lindane)	58-89-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
ES2517154-006	Anonymous	EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: gamma-BHC - (Lindane)	58-89-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
				Laboratory Duplicate (DUP) Report					
EP068A: Organochlorine Pesticides (OC) (QC Lot: 6636025) - continued									
ES2517154-006	Anonymous	EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 6636025)									
ES2517149-001	QC300	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
ES2517154-006	Anonymous	EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
				Laboratory Duplicate (DUP) Report					
EP068B: Organophosphorus Pesticides (OP) (QC Lot: 6636025) - continued									
ES2517154-006	Anonymous	EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	0.0	No Limit
		EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
EP075(SIM)A: Phenolic Compounds (QC Lot: 6636023)									
ES2517149-001	QC300	EP075(SIM): Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 3- & 4-Methylphenol	1319-77-3	1	mg/kg	<1	<1	0.0	No Limit
		EP075(SIM): Pentachlorophenol	87-86-5	2	mg/kg	<2	<2	0.0	No Limit
ES2517154-006	Anonymous	EP075(SIM): Phenol	108-95-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): 3- & 4-Methylphenol	1319-77-3	1	mg/kg	<1	<1	0.0	No Limit
		EP075(SIM): Pentachlorophenol	87-86-5	2	mg/kg	<2	<2	0.0	No Limit
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 6636023)									
ES2517149-001	QC300	EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
				Laboratory Duplicate (DUP) Report					
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QC Lot: 6636023) - continued									
ES2517149-001	QC300	EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
ES2517154-006	Anonymous	EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP075(SIM): Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 6636024)									

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
				Laboratory Duplicate (DUP) Report					
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 6636024) - continued									
ES2517149-001	QC300	EP071: C15 - C28 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C29 - C36 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C10 - C14 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
ES2517154-006	Anonymous	EP071: C15 - C28 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C29 - C36 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: C10 - C14 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Petroleum Hydrocarbons (QC Lot: 6636205)									
ES2517149-001	QC300	EP080: C6 - C9 Fraction	----	10	mg/kg	<10	<10	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 6636024)									
ES2517149-001	QC300	EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
ES2517154-006	Anonymous	EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	<100	0.0	No Limit
		EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	<50	0.0	No Limit
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QC Lot: 6636205)									
ES2517149-001	QC300	EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	<10	0.0	No Limit
EP080: BTEXN (QC Lot: 6636205)									
ES2517149-001	QC300	EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	<0.2	0.0	No Limit
		EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	<0.5	0.0	No Limit
		EP080: Naphthalene	91-20-3	1	mg/kg	<1	<1	0.0	No Limit
EP231A: Perfluoroalkyl Sulfonic Acids (QC Lot: 6636496)									
ES2516977-003	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	0.0005	0.0005	0.0	No Limit
ES2517142-006	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	0.0011	0.0008	24.1	No Limit
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	0.0029	0.0032	8.4	0% - 50%
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	0.0194	0.0189	2.9	0% - 20%
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 6636496)									
ES2516977-003	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	0.0003	0.0003	0.0	No Limit

Sub-Matrix: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EP231B: Perfluoroalkyl Carboxylic Acids (QC Lot: 6636496) - continued									
ES2516977-003	Anonymous	EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
ES2517142-006	Anonymous	EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	0.0013	0.0013	0.0	No Limit
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	0.0044	0.0042	6.4	0% - 50%
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	<0.0002	0.0	No Limit
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	0.0018	0.0018	0.0	No Limit
		EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	<0.001	0.0	No Limit
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QC Lot: 6636496)									
ES2516977-003	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
ES2517142-006	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	<0.0005	0.0	No Limit
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	0.0010	0.0009	0.0	No Limit
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	0.0008	0.0007	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: **SOIL**

				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 6636649)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	121.1 mg/kg	106	88.0	113
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	0.74 mg/kg	92.0	70.0	130
EG005T: Chromium	7440-47-3	2	mg/kg	<2	19.6 mg/kg	115	68.0	132
EG005T: Copper	7440-50-8	5	mg/kg	<5	52.9 mg/kg	107	89.0	111
EG005T: Lead	7439-92-1	5	mg/kg	<5	60.8 mg/kg	103	82.0	119
EG005T: Nickel	7440-02-0	2	mg/kg	<2	15.3 mg/kg	102	80.0	120
EG005T: Zinc	7440-66-6	5	mg/kg	<5	139.3 mg/kg	93.1	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 6636648)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.087 mg/kg	87.4	70.0	125
EP066: Polychlorinated Biphenyls (PCB) (QCLot: 6636026)								
EP066: Total Polychlorinated biphenyls	----	0.1	mg/kg	<0.1	1 mg/kg	78.6	62.0	126
EP068A: Organochlorine Pesticides (OC) (QCLot: 6636025)								
EP068: alpha-BHC	319-84-6	0.05	mg/kg	<0.05	0.5 mg/kg	90.4	69.0	113
EP068: Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	0.5 mg/kg	99.2	65.0	117
EP068: beta-BHC	319-85-7	0.05	mg/kg	<0.05	0.5 mg/kg	88.1	67.0	119
EP068: gamma-BHC - (Lindane)	58-89-9	0.05	mg/kg	<0.05	0.5 mg/kg	94.1	68.0	116
EP068: delta-BHC	319-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	77.7	65.0	117
EP068: Heptachlor	76-44-8	0.05	mg/kg	<0.05	0.5 mg/kg	86.6	67.0	115
EP068: Aldrin	309-00-2	0.05	mg/kg	<0.05	0.5 mg/kg	88.8	69.0	115
EP068: Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	0.5 mg/kg	91.2	62.0	118
EP068: trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	0.5 mg/kg	100	63.0	117
EP068: alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	0.5 mg/kg	99.2	66.0	116
EP068: cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	0.5 mg/kg	85.7	64.0	116
EP068: Dieldrin	60-57-1	0.05	mg/kg	<0.05	0.5 mg/kg	93.3	66.0	116
EP068: 4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	0.5 mg/kg	98.5	67.0	115
EP068: Endrin	72-20-8	0.05	mg/kg	<0.05	0.5 mg/kg	82.9	67.0	123
EP068: beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	0.5 mg/kg	96.0	69.0	115
EP068: 4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	0.5 mg/kg	94.0	69.0	121
EP068: Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	0.5 mg/kg	91.2	56.0	120
EP068: Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	0.5 mg/kg	89.8	62.0	124

Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP068A: Organochlorine Pesticides (OC) (QCLot: 6636025) - continued								
EP068: 4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	0.5 mg/kg	85.0	66.0	120
EP068: Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	0.5 mg/kg	92.7	64.0	122
EP068: Methoxychlor	72-43-5	0.2	mg/kg	<0.2	0.5 mg/kg	86.2	54.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 6636025)								
EP068: Dichlorvos	62-73-7	0.05	mg/kg	<0.05	0.5 mg/kg	92.6	59.0	119
EP068: Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	0.5 mg/kg	96.6	62.0	128
EP068: Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	0.5 mg/kg	83.9	54.0	126
EP068: Dimethoate	60-51-5	0.05	mg/kg	<0.05	0.5 mg/kg	96.9	67.0	119
EP068: Diazinon	333-41-5	0.05	mg/kg	<0.05	0.5 mg/kg	99.1	70.0	120
EP068: Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	0.5 mg/kg	85.8	72.0	120
EP068: Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	0.5 mg/kg	76.2	68.0	120
EP068: Malathion	121-75-5	0.05	mg/kg	<0.05	0.5 mg/kg	95.2	68.0	122
EP068: Fenthion	55-38-9	0.05	mg/kg	<0.05	0.5 mg/kg	89.9	69.0	117
EP068: Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	0.5 mg/kg	95.1	76.0	118
EP068: Parathion	56-38-2	0.2	mg/kg	<0.2	0.5 mg/kg	82.9	64.0	122
EP068: Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	0.5 mg/kg	102	70.0	116
EP068: Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	0.5 mg/kg	90.0	69.0	121
EP068: Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	0.5 mg/kg	94.6	66.0	118
EP068: Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	0.5 mg/kg	99.1	68.0	124
EP068: Prothiofos	34643-46-4	0.05	mg/kg	<0.05	0.5 mg/kg	94.0	62.0	112
EP068: Ethion	563-12-2	0.05	mg/kg	<0.05	0.5 mg/kg	84.1	68.0	120
EP068: Carbophenothion	786-19-6	0.05	mg/kg	<0.05	0.5 mg/kg	96.2	65.0	127
EP068: Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	0.5 mg/kg	73.6	41.0	123
EP075(SIM)A: Phenolic Compounds (QCLot: 6636023)								
EP075(SIM): Phenol	108-95-2	0.5	mg/kg	<0.5	6 mg/kg	98.0	71.0	125
EP075(SIM): 2-Chlorophenol	95-57-8	0.5	mg/kg	<0.5	6 mg/kg	78.9	72.0	124
EP075(SIM): 2-Methylphenol	95-48-7	0.5	mg/kg	<0.5	6 mg/kg	83.0	71.0	123
EP075(SIM): 3- & 4-Methylphenol	1319-77-3	1	mg/kg	<1	12 mg/kg	100	67.0	127
EP075(SIM): 2-Nitrophenol	88-75-5	0.5	mg/kg	<0.5	6 mg/kg	89.6	54.0	114
EP075(SIM): 2.4-Dimethylphenol	105-67-9	0.5	mg/kg	<0.5	6 mg/kg	75.1	68.0	126
EP075(SIM): 2.4-Dichlorophenol	120-83-2	0.5	mg/kg	<0.5	6 mg/kg	99.2	66.0	120
EP075(SIM): 2.6-Dichlorophenol	87-65-0	0.5	mg/kg	<0.5	6 mg/kg	75.2	70.0	120
EP075(SIM): 4-Chloro-3-methylphenol	59-50-7	0.5	mg/kg	<0.5	6 mg/kg	82.1	70.0	116
EP075(SIM): 2.4.6-Trichlorophenol	88-06-2	0.5	mg/kg	<0.5	6 mg/kg	99.4	54.0	114

Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report: Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%): LCS	Acceptable Limits (%): Low	Acceptable Limits (%): High
EP075(SIM)A: Phenolic Compounds (QCLot: 6636023) - continued								
EP075(SIM): 2.4.5-Trichlorophenol	95-95-4	0.5	mg/kg	<0.5	6 mg/kg	96.4	60.0	114
EP075(SIM): Pentachlorophenol	87-86-5	2	mg/kg	<2	12 mg/kg	33.6	10.0	80.0
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 6636023)								
EP075(SIM): Naphthalene	91-20-3	0.5	mg/kg	<0.5	6 mg/kg	94.0	77.0	125
EP075(SIM): Acenaphthylene	208-96-8	0.5	mg/kg	<0.5	6 mg/kg	97.6	72.0	124
EP075(SIM): Acenaphthene	83-32-9	0.5	mg/kg	<0.5	6 mg/kg	91.4	73.0	127
EP075(SIM): Fluorene	86-73-7	0.5	mg/kg	<0.5	6 mg/kg	101	72.0	126
EP075(SIM): Phenanthrene	85-01-8	0.5	mg/kg	<0.5	6 mg/kg	88.9	75.0	127
EP075(SIM): Anthracene	120-12-7	0.5	mg/kg	<0.5	6 mg/kg	88.4	77.0	127
EP075(SIM): Fluoranthene	206-44-0	0.5	mg/kg	<0.5	6 mg/kg	98.0	73.0	127
EP075(SIM): Pyrene	129-00-0	0.5	mg/kg	<0.5	6 mg/kg	98.7	74.0	128
EP075(SIM): Benz(a)anthracene	56-55-3	0.5	mg/kg	<0.5	6 mg/kg	87.5	69.0	123
EP075(SIM): Chrysene	218-01-9	0.5	mg/kg	<0.5	6 mg/kg	96.0	75.0	127
EP075(SIM): Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	<0.5	6 mg/kg	92.6	68.0	116
EP075(SIM): Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	<0.5	6 mg/kg	80.0	74.0	126
EP075(SIM): Benzo(a)pyrene	50-32-8	0.5	mg/kg	<0.5	6 mg/kg	91.3	70.0	126
EP075(SIM): Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	<0.5	6 mg/kg	80.7	61.0	121
EP075(SIM): Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg	<0.5	6 mg/kg	76.3	62.0	118
EP075(SIM): Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg	<0.5	6 mg/kg	87.2	63.0	121
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6636024)								
EP071: C10 - C14 Fraction	----	50	mg/kg	<50	300 mg/kg	103	75.0	129
EP071: C15 - C28 Fraction	----	100	mg/kg	<100	450 mg/kg	102	77.0	131
EP071: C29 - C36 Fraction	----	100	mg/kg	<100	300 mg/kg	103	71.0	129
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6636205)								
EP080: C6 - C9 Fraction	----	10	mg/kg	<10	26 mg/kg	92.9	72.2	131
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6636024)								
EP071: >C10 - C16 Fraction	----	50	mg/kg	<50	375 mg/kg	103	77.0	125
EP071: >C16 - C34 Fraction	----	100	mg/kg	<100	525 mg/kg	102	74.0	138
EP071: >C34 - C40 Fraction	----	100	mg/kg	<100	225 mg/kg	105	63.0	131
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6636205)								
EP080: C6 - C10 Fraction	C6_C10	10	mg/kg	<10	31 mg/kg	87.8	72.4	133
EP080: BTEXN (QCLot: 6636205)								
EP080: Benzene	71-43-2	0.2	mg/kg	<0.2	1 mg/kg	89.6	76.0	124

Sub-Matrix: **SOIL**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report Result	Laboratory Control Spike (LCS) Report: Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low	Acceptable Limits (%) High
EP080: BTEXN (QCLot: 6636205) - continued								
EP080: Toluene	108-88-3	0.5	mg/kg	<0.5	1 mg/kg	99.3	78.5	121
EP080: Ethylbenzene	100-41-4	0.5	mg/kg	<0.5	1 mg/kg	93.3	77.4	121
EP080: meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg	<0.5	2 mg/kg	104	78.2	121
EP080: ortho-Xylene	95-47-6	0.5	mg/kg	<0.5	1 mg/kg	99.8	81.3	121
EP080: Naphthalene	91-20-3	1	mg/kg	<1	1 mg/kg	91.5	78.8	122
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 6636496)								
EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.0002	mg/kg	<0.0002	0.00125 mg/kg	91.5	72.0	128
EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	92.8	67.0	130
EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	88.7	68.0	136
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 6636496)								
EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.001	mg/kg	<0.001	0.00625 mg/kg	97.1	71.0	135
EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.0002	mg/kg	<0.0002	0.00125 mg/kg	93.4	69.0	132
EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.0002	mg/kg	<0.0002	0.00125 mg/kg	93.6	70.0	132
EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.0002	mg/kg	<0.0002	0.00125 mg/kg	93.2	71.0	131
EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.0002	mg/kg	<0.0002	0.00125 mg/kg	108	69.0	133
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 6636496)								
EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	91.0	62.0	145
EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.0005	mg/kg	<0.0005	0.00125 mg/kg	101	64.0	140
EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.0005	mg/kg	<0.0005	0.00125 mg/kg	107	65.0	137
EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.0005	mg/kg	<0.0005	0.00125 mg/kg	88.8	69.2	143

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: **SOIL**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report: Spike Concentration	SpikeRecovery(%) MS	Acceptable Limits (%) Low	Acceptable Limits (%) High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 6636649)							
ES2516391-025	Anonymous	EG005T: Arsenic	7440-38-2	50 mg/kg	97.6	70.0	130
		EG005T: Cadmium	7440-43-9	50 mg/kg	102	70.0	130
		EG005T: Chromium	7440-47-3	50 mg/kg	93.6	68.0	132
		EG005T: Copper	7440-50-8	250 mg/kg	104	70.0	130
		EG005T: Lead	7439-92-1	250 mg/kg	104	70.0	130
		EG005T: Nickel	7440-02-0	50 mg/kg	102	70.0	130

Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 6636649) - continued							
ES2516391-025	Anonymous	EG005T: Zinc	7440-66-6	250 mg/kg	103	66.0	133
EG035T: Total Recoverable Mercury by FIMS (QCLot: 6636648)							
ES2516391-025	Anonymous	EG035T: Mercury	7439-97-6	5 mg/kg	88.4	70.0	130
EP066: Polychlorinated Biphenyls (PCB) (QCLot: 6636026)							
ES2517149-001	QC300	EP066: Total Polychlorinated biphenyls	----	1 mg/kg	109	70.0	130
EP068A: Organochlorine Pesticides (OC) (QCLot: 6636025)							
ES2517149-001	QC300	EP068: gamma-BHC - (Lindane)	58-89-9	0.5 mg/kg	110	70.0	130
		EP068: Heptachlor	76-44-8	0.5 mg/kg	95.4	70.0	130
		EP068: Aldrin	309-00-2	0.5 mg/kg	102	70.0	130
		EP068: Dieldrin	60-57-1	0.5 mg/kg	106	70.0	130
		EP068: Endrin	72-20-8	2 mg/kg	90.9	70.0	130
		EP068: 4.4`-DDT	50-29-3	2 mg/kg	82.5	70.0	130
EP068B: Organophosphorus Pesticides (OP) (QCLot: 6636025)							
ES2517149-001	QC300	EP068: Diazinon	333-41-5	0.5 mg/kg	125	70.0	130
		EP068: Chlorpyrifos-methyl	5598-13-0	0.5 mg/kg	117	70.0	130
		EP068: Pirimphos-ethyl	23505-41-1	0.5 mg/kg	96.9	70.0	130
		EP068: Bromophos-ethyl	4824-78-6	0.5 mg/kg	117	70.0	130
		EP068: Prothiofos	34643-46-4	0.5 mg/kg	90.0	70.0	130
EP075(SIM)A: Phenolic Compounds (QCLot: 6636023)							
ES2517149-001	QC300	EP075(SIM): Phenol	108-95-2	10 mg/kg	80.6	70.0	130
		EP075(SIM): 2-Chlorophenol	95-57-8	10 mg/kg	101	70.0	130
		EP075(SIM): 2-Nitrophenol	88-75-5	10 mg/kg	99.0	60.0	130
		EP075(SIM): 4-Chloro-3-methylphenol	59-50-7	10 mg/kg	100	70.0	130
		EP075(SIM): Pentachlorophenol	87-86-5	10 mg/kg	82.2	20.0	130
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons (QCLot: 6636023)							
ES2517149-001	QC300	EP075(SIM): Acenaphthene	83-32-9	10 mg/kg	96.6	70.0	130
		EP075(SIM): Pyrene	129-00-0	10 mg/kg	92.9	70.0	130
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6636024)							
ES2517149-001	QC300	EP071: C10 - C14 Fraction	----	480 mg/kg	106	73.0	137
		EP071: C15 - C28 Fraction	----	3100 mg/kg	96.8	53.0	131
		EP071: C29 - C36 Fraction	----	2060 mg/kg	106	52.0	132
EP080/071: Total Petroleum Hydrocarbons (QCLot: 6636205)							
ES2517149-001	QC300	EP080: C6 - C9 Fraction	----	32.5 mg/kg	81.5	60.4	142
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6636024)							
ES2517149-001	QC300	EP071: >C10 - C16 Fraction	----	860 mg/kg	100	73.0	137
		EP071: >C16 - C34 Fraction	----	4320 mg/kg	103	53.0	131

Sub-Matrix: **SOIL**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6636024) - continued							
ES2517149-001	QC300	EP071: >C34 - C40 Fraction	----	890 mg/kg	103	52.0	132
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions (QCLot: 6636205)							
ES2517149-001	QC300	EP080: C6 - C10 Fraction	C6_C10	37.5 mg/kg	80.0	61.1	142
EP080: BTEXN (QCLot: 6636205)							
ES2517149-001	QC300	EP080: Benzene	71-43-2	2.5 mg/kg	75.3	62.1	122
		EP080: Toluene	108-88-3	2.5 mg/kg	88.5	66.6	119
		EP080: Ethylbenzene	100-41-4	2.5 mg/kg	80.1	67.4	123
		EP080: meta- & para-Xylene	108-38-3 106-42-3	2.5 mg/kg	88.9	66.4	121
		EP080: ortho-Xylene	95-47-6	2.5 mg/kg	83.8	70.7	121
		EP080: Naphthalene	91-20-3	2.5 mg/kg	79.4	61.1	115
EP231A: Perfluoroalkyl Sulfonic Acids (QCLot: 6636496)							
ES2516977-003	Anonymous	EP231X: Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.00125 mg/kg	94.0	72.0	128
		EP231X: Perfluorohexane sulfonic acid (PFHxS)	355-46-4	0.00125 mg/kg	88.1	67.0	130
		EP231X: Perfluorooctane sulfonic acid (PFOS)	1763-23-1	0.00125 mg/kg	88.7	68.0	136
EP231B: Perfluoroalkyl Carboxylic Acids (QCLot: 6636496)							
ES2516977-003	Anonymous	EP231X: Perfluorobutanoic acid (PFBA)	375-22-4	0.00625 mg/kg	98.6	71.0	135
		EP231X: Perfluoropentanoic acid (PFPeA)	2706-90-3	0.00125 mg/kg	92.5	69.0	132
		EP231X: Perfluorohexanoic acid (PFHxA)	307-24-4	0.00125 mg/kg	98.6	70.0	132
		EP231X: Perfluoroheptanoic acid (PFHpA)	375-85-9	0.00125 mg/kg	91.7	71.0	131
		EP231X: Perfluorooctanoic acid (PFOA)	335-67-1	0.00125 mg/kg	108	69.0	133
EP231D: (n:2) Fluorotelomer Sulfonic Acids (QCLot: 6636496)							
ES2516977-003	Anonymous	EP231X: 4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	0.00125 mg/kg	91.0	62.0	145
		EP231X: 6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	0.00125 mg/kg	101	64.0	140
		EP231X: 8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	0.00125 mg/kg	113	65.0	137
		EP231X: 10:2 Fluorotelomer sulfonic acid (10:2 FTS)	120226-60-0	0.00125 mg/kg	100	69.2	143

QA/QC Compliance Assessment to assist with Quality Review

Work Order	: **ES2517149**	Page	: 1 of 9
Client	: **STANTEC AUSTRALIA PTY LTD**	Laboratory	: Environmental Division Sydney
Contact	: CALLUM LAKER	Telephone	: + 61 2 8784 8555
Project	: 3050016633 Milton PS	Date Samples Received	: 06-Jun-2025
Site	: Milton PS	Issue Date	: 13-Jun-2025
Sampler	: SANKA GUNARATHNA	No. of samples received	: 5
Order number	: 305001173	No. of samples analysed	: 5

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: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EA055: Moisture Content (Dried @ 105-110°C)							
HDPE Soil Jar (EA055) QC100	27-May-2025	----	----	----	10-Jun-2025	10-Jun-2025	✓
HDPE Soil Jar (EA055) QC200	28-May-2025	----	----	----	10-Jun-2025	11-Jun-2025	✓
HDPE Soil Jar (EA055) QC300	29-May-2025	----	----	----	10-Jun-2025	12-Jun-2025	✓
Soil Glass Jar - Unpreserved (EA055) QC102	27-May-2025	----	----	----	10-Jun-2025	10-Jun-2025	✓
Soil Glass Jar - Unpreserved (EA055) QC201	28-May-2025	----	----	----	10-Jun-2025	11-Jun-2025	✓
EG005(ED093)T: Total Metals by ICP-AES							
HDPE Soil Jar (EG005T) QC100	27-May-2025	10-Jun-2025	23-Nov-2025	✓	11-Jun-2025	23-Nov-2025	✓
HDPE Soil Jar (EG005T) QC200	28-May-2025	10-Jun-2025	24-Nov-2025	✓	11-Jun-2025	24-Nov-2025	✓
HDPE Soil Jar (EG005T) QC300	29-May-2025	10-Jun-2025	25-Nov-2025	✓	11-Jun-2025	25-Nov-2025	✓
Soil Glass Jar - Unpreserved (EG005T) QC102	27-May-2025	10-Jun-2025	23-Nov-2025	✓	11-Jun-2025	23-Nov-2025	✓
Soil Glass Jar - Unpreserved (EG005T) QC201	28-May-2025	10-Jun-2025	24-Nov-2025	✓	11-Jun-2025	24-Nov-2025	✓
EG035T: Total Recoverable Mercury by FIMS							
HDPE Soil Jar (EG035T) QC100	27-May-2025	10-Jun-2025	24-Jun-2025	✓	11-Jun-2025	24-Jun-2025	✓
HDPE Soil Jar (EG035T) QC200	28-May-2025	10-Jun-2025	25-Jun-2025	✓	11-Jun-2025	25-Jun-2025	✓
HDPE Soil Jar (EG035T) QC300	29-May-2025	10-Jun-2025	26-Jun-2025	✓	11-Jun-2025	26-Jun-2025	✓
Soil Glass Jar - Unpreserved (EG035T) QC102	27-May-2025	10-Jun-2025	24-Jun-2025	✓	11-Jun-2025	24-Jun-2025	✓
Soil Glass Jar - Unpreserved (EG035T) QC201	28-May-2025	10-Jun-2025	25-Jun-2025	✓	11-Jun-2025	25-Jun-2025	✓

Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP066: Polychlorinated Biphenyls (PCB)							
HDPE Soil Jar (EP066) QC100	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP066) QC200	28-May-2025	10-Jun-2025	11-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP066) QC300	29-May-2025	10-Jun-2025	12-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP066) QC102	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP066) QC201	28-May-2025	10-Jun-2025	11-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
EP068A: Organochlorine Pesticides (OC)							
HDPE Soil Jar (EP068) QC100	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP068) QC200	28-May-2025	10-Jun-2025	11-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP068) QC300	29-May-2025	10-Jun-2025	12-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP068) QC102	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP068) QC201	28-May-2025	10-Jun-2025	11-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
EP068B: Organophosphorus Pesticides (OP)							
HDPE Soil Jar (EP068) QC100	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP068) QC200	28-May-2025	10-Jun-2025	11-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP068) QC300	29-May-2025	10-Jun-2025	12-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP068) QC102	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP068) QC201	28-May-2025	10-Jun-2025	11-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
EP075(SIM)A: Phenolic Compounds							
HDPE Soil Jar (EP075(SIM)) QC100	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP075(SIM)) QC200	28-May-2025	10-Jun-2025	11-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP075(SIM)) QC300	29-May-2025	10-Jun-2025	12-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP075(SIM)) QC102	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP075(SIM)) QC201	28-May-2025	10-Jun-2025	11-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓

Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons							
HDPE Soil Jar (EP075(SIM)) QC100	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP075(SIM)) QC200	28-May-2025	10-Jun-2025	11-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP075(SIM)) QC300	29-May-2025	10-Jun-2025	12-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP075(SIM)) QC102	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP075(SIM)) QC201	28-May-2025	10-Jun-2025	11-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
EP080/071: Total Petroleum Hydrocarbons							
HDPE Soil Jar (EP080) QC100	27-May-2025	10-Jun-2025	10-Jun-2025	✓	10-Jun-2025	10-Jun-2025	✓
HDPE Soil Jar (EP071) QC100	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP080) QC200	28-May-2025	10-Jun-2025	11-Jun-2025	✓	10-Jun-2025	11-Jun-2025	✓
HDPE Soil Jar (EP080) QC300	29-May-2025	10-Jun-2025	12-Jun-2025	✓	10-Jun-2025	12-Jun-2025	✓
Soil Glass Jar - Unpreserved (EP080) QC102	27-May-2025	10-Jun-2025	10-Jun-2025	✓	10-Jun-2025	10-Jun-2025	✓
Soil Glass Jar - Unpreserved (EP080) QC201	28-May-2025	10-Jun-2025	11-Jun-2025	✓	10-Jun-2025	11-Jun-2025	✓
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions							
HDPE Soil Jar (EP080) QC100	27-May-2025	10-Jun-2025	10-Jun-2025	✓	10-Jun-2025	10-Jun-2025	✓
HDPE Soil Jar (EP071) QC100	27-May-2025	10-Jun-2025	10-Jun-2025	✓	11-Jun-2025	20-Jul-2025	✓
HDPE Soil Jar (EP080) QC200	28-May-2025	10-Jun-2025	11-Jun-2025	✓	10-Jun-2025	11-Jun-2025	✓
HDPE Soil Jar (EP080) QC300	29-May-2025	10-Jun-2025	12-Jun-2025	✓	10-Jun-2025	12-Jun-2025	✓
Soil Glass Jar - Unpreserved (EP080) QC102	27-May-2025	10-Jun-2025	10-Jun-2025	✓	10-Jun-2025	10-Jun-2025	✓
Soil Glass Jar - Unpreserved (EP080) QC201	28-May-2025	10-Jun-2025	11-Jun-2025	✓	10-Jun-2025	11-Jun-2025	✓

Matrix: **SOIL**

Evaluation: × = Holding time breach ; ✓ = Within holding time.

Method / Container / Client Sample ID(s)	Sample Date	Extraction / Preparation			Analysis		
		Date extracted	Due for extraction	Evaluation	Date analysed	Due for analysis	Evaluation
EP080: BTEXN							
HDPE Soil Jar (EP080) QC100	27-May-2025	10-Jun-2025	10-Jun-2025	✓	10-Jun-2025	10-Jun-2025	✓
HDPE Soil Jar (EP080) QC200	28-May-2025	10-Jun-2025	11-Jun-2025	✓	10-Jun-2025	11-Jun-2025	✓
HDPE Soil Jar (EP080) QC300	29-May-2025	10-Jun-2025	12-Jun-2025	✓	10-Jun-2025	12-Jun-2025	✓
Soil Glass Jar - Unpreserved (EP080) QC102	27-May-2025	10-Jun-2025	10-Jun-2025	✓	10-Jun-2025	10-Jun-2025	✓
Soil Glass Jar - Unpreserved (EP080) QC201	28-May-2025	10-Jun-2025	11-Jun-2025	✓	10-Jun-2025	11-Jun-2025	✓
EP231A: Perfluoroalkyl Sulfonic Acids							
HDPE Soil Jar (EP231X) QC100, QC102	27-May-2025	11-Jun-2025	23-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
HDPE Soil Jar (EP231X) QC200	28-May-2025	11-Jun-2025	24-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP231X) QC201	28-May-2025	11-Jun-2025	24-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
EP231B: Perfluoroalkyl Carboxylic Acids							
HDPE Soil Jar (EP231X) QC100, QC102	27-May-2025	11-Jun-2025	23-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
HDPE Soil Jar (EP231X) QC200	28-May-2025	11-Jun-2025	24-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP231X) QC201	28-May-2025	11-Jun-2025	24-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
EP231D: (n:2) Fluorotelomer Sulfonic Acids							
HDPE Soil Jar (EP231X) QC100, QC102	27-May-2025	11-Jun-2025	23-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
HDPE Soil Jar (EP231X) QC200	28-May-2025	11-Jun-2025	24-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP231X) QC201	28-May-2025	11-Jun-2025	24-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
EP231P: PFAS Sums							
HDPE Soil Jar (EP231X) QC100, QC102	27-May-2025	11-Jun-2025	23-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
HDPE Soil Jar (EP231X) QC200	28-May-2025	11-Jun-2025	24-Nov-2025	✓	13-Jun-2025	21-Jul-2025	✓
Soil Glass Jar - Unpreserved (EP231X) QC201	28-May-2025	11-Jun-2025	24-Nov-2025	✓	13-Jun-2025	21-Jul-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: **SOIL**

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)							
Moisture Content	EA055	2	11	**18.18**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
PAH/Phenols (SIM)	EP075(SIM)	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	2	15	**13.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	2	15	**13.33**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	2	13	**15.38**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	2	13	**15.38**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	2	20	**10.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**10.00**	✓	NEPM 2013 B3 & ALS QC Standard
Laboratory Control Samples (LCS)							
PAH/Phenols (SIM)	EP075(SIM)	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	15	**6.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	15	**6.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	13	**7.69**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	13	**7.69**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Method Blanks (MB)							
PAH/Phenols (SIM)	EP075(SIM)	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	15	**6.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	15	**6.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	13	**7.69**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	13	**7.69**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Matrix Spikes (MS)							
PAH/Phenols (SIM)	EP075(SIM)	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Pesticides by GCMS	EP068	1	15	**6.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Polychlorinated Biphenyls (PCB)	EP066	1	15	**6.67**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Mercury by FIMS	EG035T	1	13	**7.69**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
Total Metals by ICP-AES	EG005T	1	13	**7.69**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH - Semivolatile Fraction	EP071	1	20	**5.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard
TRH Volatiles/BTEX	EP080	1	5	**20.00**	**5.00**	✓	NEPM 2013 B3 & ALS QC Standard

Matrix: **SOIL**

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*	

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*
Moisture Content	EA055	SOIL	In house: A gravimetric procedure based on weight loss over a 12 hour drying period at 105-110 degrees C. This method is compliant with NEPM Schedule B(3).
Total Metals by ICP-AES	EG005T	SOIL	In house: Referenced to APHA 3120; USEPA SW 846 - 6010. Metals are determined following an appropriate acid digestion of the soil. The ICPAES technique ionises samples in a plasma, emitting a characteristic spectrum based on metals present. Intensities at selected wavelengths are compared against those of matrix matched standards. This method is compliant with NEPM Schedule B(3)
Total Mercury by FIMS	EG035T	SOIL	In house: Referenced to APHA 3112 Hg - B (Flow-injection (SnCl2) (Cold Vapour generation) AAS) FIM-AAS is an automated flameless atomic absorption technique. Mercury in solids are determined following an appropriate acid digestion. Ionic mercury is reduced online to atomic mercury vapour by SnCl2 which is then purged into a heated quartz cell. Quantification is by comparing absorbance against a calibration curve. This method is compliant with NEPM Schedule B(3)
Polychlorinated Biphenyls (PCB)	EP066	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed 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).
Pesticides by GCMS	EP068	SOIL	In house: Referenced to USEPA SW 846 - 8270 Extracts are analysed by Capillary GC/MS and quantification is by comparison against an established 5 point calibration curve. This technique is compliant with NEPM Schedule B(3).
TRH - Semivolatile Fraction	EP071	SOIL	In house: Referenced to USEPA SW 846 - 8015 Sample extracts are analysed by Capillary GC/FID and quantified against alkane standards over the range C10 - C40. Compliant with NEPM Schedule B(3).
PAH/Phenols (SIM)	EP075(SIM)	SOIL	In house: Referenced to USEPA SW 846 - 8270. Extracts are analysed by Capillary GC/MS in Selective Ion Mode (SIM) 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	SOIL	In house: Referenced to USEPA SW 846 - 8260. Extracts are analysed by Purge and Trap, Capillary GC/MS. Quantification is by comparison against an established 5 point calibration curve. Compliant with NEPM Schedule B(3) amended.
Per- and Polyfluoroalkyl Substances (PFAS) by LCMSMS	EP231X	SOIL	In-house: Analysis of soils by solvent extraction followed by negative mode LC-ESI-MS/MS using MRM and isotope dilution or internal standard quantitation. A portion of homogenised sample is extracted along with isotope dilution standards (where commercially available) in a solution of ammonium acetate in acetonitrile/methanol. Where relevant, interferences from co-extracted organics are removed using dispersive clean-up media (dSPE). A portion of extract is combined with an equal volume of reagent water and filtered for instrumental analysis.

Preparation Methods	*Method*	*Matrix*	*Method Descriptions*
Hot Block Digest for metals in soils sediments and sludges	EN69	SOIL	In house: Referenced to USEPA 200.2. Hot Block Acid Digestion 1.0g of sample is heated with Nitric and Hydrochloric acids, then cooled. Peroxide is added and samples heated and cooled again before being filtered and bulked to volume for analysis. Digest is appropriate for determination of selected metals in sludge, sediments, and soils. This method is compliant with NEPM Schedule B(3).

Preparation Methods	*Method*	*Matrix*	*Method Descriptions*
Methanolic Extraction of Soils for Purge and Trap	ORG16	SOIL	In house: Referenced to USEPA SW 846 - 5030A. 5g of solid is shaken with surrogate and 10mL methanol prior to analysis by Purge and Trap - GC/MS.
Tumbler Extraction of Solids	ORG17	SOIL	In house: Mechanical agitation (tumbler). 10g of sample, Na2SO4 and surrogate are extracted with 30mL 1:1 DCM/Acetone by end over end tumble. The solvent is decanted, dehydrated and concentrated (by KD) to the desired volume for analysis.
QuECheRS Extraction of Solids	ORG71	SOIL	In house: Sequential extractions with Acetonitrile/Methanol by shaking. Extraction efficiency aided by the addition of salts under acidic conditions. Where relevant, interferences from co-extracted organics are removed with dispersive clean-up media (dSPE). The extract is either diluted or concentrated and exchanged into the analytical solvent.

updated COC:

Environmental Division Sydney
Work Order Reference
ES2517149

Telephone : + 61-2-8784 8555

Chain of

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: **Stantec Rates 2024**
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: (Y)/N

Sample Temperature on Arrival: ~0.4°C.

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container (Plastic Tube – PT; Bag – B; Acid Sulfate – ASSB; Plastic Bottle – PB; Plastic Jar - PJ; Glass Jar – GJ; Glass Bottle – GB; Glass Vial - GV)	TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	lead	~~Metals (exc. Hg)~~	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments	
					Analytes – Single Analytes																									
	TP101_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS	Relinquished By: Sanka Gunarathna
	TP101_0.3	5/27/2025	Soil	GJ,B,PJ																		1							
	TP101_0.5	5/27/2025	Soil	GJ,B,ASSB																		1							Company: Stantec Date: 04/06/25
	TP101_1	5/27/2025	Soil	GJ,B																		1							Received By:
	TP101_1.4	5/27/2025	Soil	GJ																		1							
	TP102_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1								1			B10C	STD 8 METALS	Company:
	TP102_0.3	5/27/2025	Soil	GJ,B,PJ																		1							Time:
	TP102_0.5	5/27/2025	Soil	GJ,ASSB																		1							Date:
	TP103_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS	Relinquished By:
	TP103_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1						1								1					B7	STD 8 METALS	
	TP103_0.5	5/27/2025	Soil	GJ																		1							Company: Time:
	TP104_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1				1										1			B10	STD 8 METALS	Date:
	TP104_0.3	5/27/2025	Soil	GJ,B,PJ																		1							Received By:
	TP104_0.5	5/27/2025	Soil	GJ																		1							
	TP105_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1				1										1			B10	STD 8 METALS	Company: Time:
				Total	6		6	6	5	5	3			6		3					2	10							Date:

Rec'd
6/6/25
1423

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar – PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Cr6 & Cr6)	Phenols - Speciated	VOCs	SVOC	CM - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - std LOR	Asbestos in Building Mat.	Select Analyte or leave to clear	Applicable Suites	Sample Comments
	TP105_0.3	5/27/2025	Soil	GJ,B,PJ																	1							
	TP105_0.5	5/27/2025	Soil	GJ																	1							
	TP106_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1				1									1			B10	STD 8 METALS
	TP106_0.2	5/27/2025	Soil	GJ																	1							
	TP107_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1				1			1			B10C	STD 8 METALS
	TP107_0.3	5/27/2025	Soil	GJ																	1							
	TP108_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1						1					1		1		1			B7	STD 8 METALS
	TP108_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1			1							B10C	STD 8 METALS
	TP108_0.5	5/27/2025	Soil	GJ,B,PJ															1									
	TP108_1	5/27/2025	Soil	GJ,ASSB	1		1	1						1					1							B7	STD 8 METALS
	TP109_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1													1			B4+B14	STD 8 METALS
	TP109_0.3	5/27/2025	Soil	GJ																	1							
	TP110_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1				1			1			B10C	STD 8 METALS
	TP110_0.3	5/27/2025	Soil	GJ,B,PJ																	1							
	TP110_0.5	5/27/2025	Soil	GJ																	1							
				Total	7		7	7	5	5	3			6		3			4		3	7						

Chain of Custody

Stantec

From: Stantec Wollongong
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16 Burelli St
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Phone: (02) 4231 9600
Attention: **Callum Laker**
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Mobile: **(+61) 488 706 357**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Girraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 305001663S
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar – PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead (Pb)	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc. Hg & Cr6)	Phenols - Specified	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Deliver to Client	Applicable Suites	Sample Comments
	TP111_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1		1			B10C	STD 8 METALS
	TP111_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1						1							1					B7	STD 8 METALS
	TP111_0.7	5/27/2025	Soil	GJ,B,PJ																		1					
	TP111_1.1	5/27/2025	Soil	GJ,ASSB																		1					
	TP112_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1			1					1			B10C	STD 8 METALS
	TP112_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1			1					1			B10C	STD 8 METALS
	TP112_0.5	5/27/2025	Soil	GJ,B															1			1					
	TP112_1	5/27/2025	Soil	GJ																		1					
	TP113_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1				1		1								1			B7A+B14	STD 8 METALS
	TP113_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1						B10C	STD 8 METALS
	TP113_0.5	5/27/2025	Soil	GJ,B																		1					
	TP114_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1				1										1			B10	STD 8 METALS
	TP114_0.3	5/27/2025	Soil	GJ,B																		1					
	TP114_0.7	5/27/2025	Soil	GJ																		1					
	TP115_0.1	5/27/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
				Total	8		8	8	7	7	5			8		6			3		4	7						

Chain of Custody

Stantec

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16 Burelli St
Wollongong NSW 2500
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Attention: Callum Laker
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: (+61) 488 706 367

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Girraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Dilate to Clear	Applicable Suites	Sample Comments
	TP115_0.3	5/27/2025	Soil	GJ,B,PJ	1		1	1						1												B7	STD 8 METALS
	TP115_0.5	5/27/2025	Soil	GJ,B	1		1	1	1	1	1			1		1					1		1			B10C	STD 8 METALS
	TP115_1	5/27/2025	Soil	GJ,B																		1					
	TP115_1.5	5/27/2025	Soil	GJ,B																		1					
	TP115_2	5/27/2025	Soil	GJ,ASSB																		1					
	TP116_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1		1			B10C	STD 8 METALS
	TP116_0.3	5/28/2025	Soil	GJ,B,PJ																		1					
	TP116_0.5	5/28/2025	Soil	GJ,B	1		1	1						1							1					B7	STD 8 METALS
	TP116_1	5/28/2025	Soil	GJ,B																		1					
	TP117_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1						1							1		1			B7	STD 8 METALS
	TP117_0.3	5/28/2025	Soil	GJ,B,PJ																		1					
	TP117_0.5	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1					1		1			B10C	STD 8 METALS
	TP117_1	5/28/2025	Soil	GJ,B																		1					
	TP117_1.3	5/28/2025	Soil	GJ																		1					
	TP118_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1				1		1			1		1		1			B7A+614	STD 8 METALS
				Total	7		7	7	4	4	3			7		4			1		5	8					

Chain of Custody

Stantec

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Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Asbestos	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & CrVI)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	TP118_0.3	5/28/2025	Soil	GJ,B														1			1						
	TP118_0.5	5/28/2025	Soil	GJ,B														1			1						
	TP118_1	5/28/2025	Soil	GJ,B	1		1	1	1	1	1			1		1		1		1			1			B10C	STD 8 METALS
	TP118_1.5	5/28/2025	Soil	GJ,B														1			1						
	TP118_2	5/28/2025	Soil	GJ,B														1			1						
	TP118_2.5	5/28/2025	Soil	GJ																	1						
	TP119_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1				1			1			B10C	STD 8 METALS
	TP119_0.3	5/28/2025	Soil	GJ,B																	1						
	TP119_0.5	5/28/2025	Soil	GJ,B																	1						
	TP119_1	5/28/2025	Soil	GJ																	1						
	TP120_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1				1			1			B10C	STD 8 METALS
	TP120_0.3	5/28/2025	Soil	GJ,B																	1						
	TP120_0.7	5/28/2025	Soil	GJ																	1						
	TP121_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1				1			1			B10C	STD 8 METALS
	TP121_0.3	5/28/2025	Soil	GJ,B	1		1	1						1		1				1						B7A	STD 8 METALS
				Total	5		5	5	4	4	4			5		5		5		5	10						

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 438 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar – PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead (TCLP)	Metals (exc. Hg) (TCLP)	Metals (inc. Hg) (MS)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Silica Analyte or Debris to Fixer	Applicable Suites	Sample Comments
	TP121_0.7	5/28/2025	Soil	GJ,ASSB																1							
	TP122_0.1	5/28/2025	Soil	GJ,B,PJ																1							
	TP122_0.3	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1									1			B10B	STD 8 METALS
	TP122_0.5	5/28/2025	Soil	GJ,B																	1						
	TP122_1	5/28/2025	Soil	GJ,B																	1						
	TP122_1.7	5/28/2025	Soil	GJ																	1						
	TP122_2.2	5/28/2025	Soil	GJ																	1						
	TP122_2.7	5/28/2025	Soil	GJ	1		1	1						1												B7	STD 8 METALS
	TP123_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1			1		1		1			B10C	STD 8 METALS
	TP123_0.5	5/28/2025	Soil	GJ,B	1		1	1						1					1		1		1			B7	STD 8 METALS
	TP123_1	5/28/2025	Soil	GJ,B														1			1						
	TP123_1.5	5/28/2025	Soil	GJ														1			1						
	TP123_2.5	5/28/2025	Soil	GJ														1			1						
	TP123_3.5	5/28/2025	Soil	GJ														1			1						
	TP124_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1		1			B10C	STD 8 METALS
				Total	5		5	5	3	3	3			5		2			6		5	8					

Chain of Custody

Stantec

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Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Girraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 305016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSO Plastic Bottle – PB Plastic Jar – PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEX/N	PAHS	OCP	OPP	PCB	Lead (Pb)	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	NZ1 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Dedicate as Clear	Applicable Suites	Sample Comments
	TP124_0.3	5/28/2025	Soil	GJ,B	1		1	1						1						1	1					B7	STD 8 METALS
	TP124_0.8	5/28/2025	Soil	GJ																	1						
	TP125_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP125_0.3	5/28/2025	Soil	GJ,B																	1						STD 8 METALS
	TP126_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP126_0.3	5/28/2025	Soil	GJ,B																		1					
	TP126_0.5	5/28/2025	Soil	GJ																		1					
	TP127_0.1	5/28/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	TP127_0.3	5/28/2025	Soil	GJ,B																		1					
	TP127_0.5	5/28/2025	Soil	GJ																		1					
	HA101_0.1	5/29/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
	HA101_0.3	5/29/2025	Soil	GJ,B,PJ																		1					
	HA101_0.5	5/29/2025	Soil	GJ,B																		1					
	HA101_1	5/29/2025	Soil	GJ																		1					
	HA102_0.1	5/29/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1			1			B10C	STD 8 METALS
				Total	6		6	6	5	5	5			6		5					7	9						

Chain of Custody

Stantec

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To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc mg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	NZ1 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Quote for Quote	Applicable Suites	Sample Comments
	HA102_0.3	5/29/2025	Soil	GJ,B																	1						
	HA102_0.5	5/29/2025	Soil	GJ																	1						
	HA102_0.9	5/29/2025	Soil	GJ,B	1		1	1	1	1	1			1		1					1		1			B10C	STD 8 METALS
	HA102-ACM-0-0.2	5/29/2025	Building Mat	B																				1			
	HA103_0.1	5/29/2025	Soil	GJ,B,PJ	1		1	1	1	1	1			1		1					1		1			B10C	STD 8 METALS
	HA103_0.5	5/29/2025	Soil	GJ,B,PJ																	1						
	HA103_0.8	5/29/2025	Soil	GJ																	1						
	SED-1	5/29/2025	Soil	GJ	1		1	1	1	1	1			1		1										B10C	STD 8 METALS
	SED-2	5/29/2025	Soil	GJ	1		1	1	1	1	1			1		1										B10C	STD 8 METALS
	SED-3	5/29/2025	Soil	GJ	1		1	1	1	1	1			1		1										B10C	STD 8 METALS
				Total	10		10	10	10	10	10			10		10					2	4	1				

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathna@stantec.com
Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 3050016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container (Plastic Tube – PT; Bag – B; Acid Sulfate – ASSB; Plastic Bottle – PB; Plastic Jar - PJ; Glass Jar – GJ; Glass Bottle – GB; Glass Vial - GV)	TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Lead	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
					Analytes – Single Analytes																								
	QA300	5/29/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1								1			B10C	STD 8 METALS
1	QC300	5/29/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1											B10C	STD 8 METALS, send to ALS
	QA100	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1								1			B10C	STD 8 METALS
2	QC100	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1							1	1			B10C	STD 8 METALS, send to ALS
	QA101	5/27/2025	Soil	GJ,PJ																		1						
	QC101	5/27/2025	Soil	GJ,PJ																		1						
3	QA102	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1								1			B10C	STD 8 METALS
3	QC102	5/27/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1							1	1			B10C	STD 8 METALS Send to ALS
	QA103	5/27/2025	Soil	GJ,PJ																		1						
	QC103	5/27/2025	Soil	GJ,PJ																		1						
4	QA200	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1								1			B10C	STD 8 METALS
4	QC200	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1							1	1			B10C	STD 8 METALS, send to ALS
5	QA201	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1			1					1			B10C	STD 8 METALS
5	QC201	5/28/2025	Soil	GJ,PJ	1		1	1	1	1	1			1		1			1				1	1			B10C	STD 8 METALS send to ALS
	QA301	5/29/2025	Soil	PJ	1		1	1	1	1	1			1		1											B10C	STD 8 METALS
				Total	11		11	11	11	11	11			11		11			2			4	4					

Chain of Custody

Stantec

From: Stantec Wollongong
Address: Shop 1, Level 1
16 Burelli St
Wollongong NSW 2500
Phone: (02) 4231 9600
Attention: **Callum Laker**
Email: callum.laker@stantec.com; sanka.gunarathne@stantec.com
Mobile: **(+61) 488 706 367**

To: Eurofins Wollongong
Address: Unit 16
179, Magowar Road
Giraween, NSW 2145
Phone:
Email: EnviroSampleNSW@eurofinsanz.com

Date: 6/4/2025
TAT: Standard
Purchase Order: 305001173
Laboratory Quote ID: Stantec Rates 2024
Project number: 305016633
Project name: Milton PS
Data output format: PDF, Esdat

Attempt to chill evident: Y / N Sample Temperature on Arrival: _____

Notes:

Laboratory Sample Number	Stantec Sample Number	Sample Date	Matrix	Container Plastic Tube – PT Bag – B Acid Sulfate – ASSB Plastic Bottle – PB Plastic Jar - PJ Glass Jar – GJ Glass Bottle – GB Glass Vial - GV	Analytes – Single Analytes: TRH	TRH w/ Silica Gel	BTEXN	PAHS	OCP	OPP	PCB	Asbestos	Metals (exc. Hg)	Metals (inc. Hg)	Metals (inc Hg & Cr6)	Phenols - Speciated	VOCs	SVOC	pH - ASS Field Screen	R21 - NEPM Soil Screen	Asbestos in Soil (NEPM)	Hold	Dup to 2nd Lab	PFAS Short Suite - Std LOR	Asbestos in Building Mat.	Select Analyte or Delete to Clear	Applicable Suites	Sample Comments
	QC301	5/29/2025	Soil	PJ	1		1	1	1	1	1			1		1						1				B10C	STD 8 METALS, send to ALS
	Rin-G	28/05/2025	Water	2GV,3PB,,GB																	1						
	Rin-H	29/05/2025	Water	2GV,3PB,,GB	1		1	1	1	1	1			1		1							1			B10C	STD 8 METALS
	Rin-SC	29/05/2025	Water	2GV,3PB,,GB	1		1	1	1	1	1			1		1							1			B10C	STD 8 METALS
	Trip Blank	23/05/2025	Soil	GV			1																				
	Trip Spike	23/05/2025	Soil	GV			1																				
	Rin-PFAS	29/05/2025	Water	PB																	1						
	SP1	28/05/2025	Soil	GJ,PJ,B	1		1	1	1	1	1			1		1				1			1			B10C	
				Total	4		6	4	4	4	4			4		4				1	2	1					

Non-Cored Drill Hole Log

Hole No : BH01

Sheet 1 of 1

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Position: E 267303.29 N 6088046.60 (GDA 2020 56H)			Surface Elevation: 45.900 m AHD
Rig Type: Christie Engineering	Mounting: Trailer	Contractor: ASCT	Driller: AP
Date Started: 12/05/2025	Date Completed: 12/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm (5 10 15)
HA	F		Not Encountered	ES: 0.00-0.10 m				ML	Sandy SILT (ML): low plasticity, dark brown; Sand, fine to coarse; trace organic's; TOPSOIL. (0.15 m)	w > PL		TOPSOIL	
								CI	Sandy CLAY (CI): medium plasticity, pale brown; Sand, fine to coarse; trace plastics; FILL.			FILL	2, 5
				ES: 0.40-0.50 m									7
AD/T	H												4, 4, 7, 5
				ES: 0.90-1.00 m	45	1							3
				D: 1.00-1.10 m									7, 5, 5, 4
				ES: 1.40-1.50 m									5
				D: 1.50-1.60 m				CH	CLAY (CH): high plasticity, pale blue-grey; with sand, fine to coarse; ALLUVIAL SOIL. (1.50 m)	w < PL	St	ALLUVIAL SOIL	4, 5, 4
				ES: 1.90-2.00 m	44	2					VSt		6, 7
				ES: 2.90-3.00 m	43								
				D: 3.00-3.10 m		3		CL	Sandy CLAY (CL): low plasticity, orange-brown; Sand, fine to coarse; EXTREMELY WEATHERED MATERIAL. (3.00 m)		VSt - H	EXTREMELY WEATHERED MATERIAL	
					42				Terminated at 3.10m. Refusal.				

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH02

Position: E 267366.33 N 6088024.64 (GDA 2020 56H)			Surface Elevation: 47.000 m AHD
Rig Type: Christie Engineering	Mounting: Trailer	Contractor: ASCT	Driller: AP
Date Started: 12/05/2025	Date Completed: 12/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Material Description: Graphic Log	Classification	SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm (5 10 15)
HA	F		Not Encountered	ES: 0.01-0.10 m				ML	Sandy SILT (ML): low plasticity, dark brown; Sand, fine to coarse; TOPSOIL. (0.10 m)	w > PL		TOPSOIL	
								CI	Sandy CLAY (CI): medium plasticity, pale brown; Sand, fine to coarse; FILL.	w > PL		FILL	2, 2, 4, 6
				ES: 0.40-0.50 m					(0.50 m)				
AD/T	H			B: 0.50-1.00 m				CI	Sandy CLAY (CI): medium plasticity, orange-brown; Sand, fine to coarse; EXTREMELY WEATHERED MATERIAL.	w < PL	VSt	EXTREMELY WEATHERED MATERIAL	11, 7, 10, 16
				ES: 0.90-1.00 m	46	1					H		
					45	2			Terminated at 1.50m. Refusal.				
					44	3							

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH03

Position: E 267383.11 N 6088084.14 (GDA 2020 56H)			Surface Elevation: 47.200 m AHD
Rig Type: Christie Engineering	Mounting: trailer	Contractor: ASCT	Driller: AP
Date Started: 12/05/2025	Date Completed: 12/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	Material Description: SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm
HA	E		Not Encountered	ES: 0.00-0.10 m				ML	Sandy SILT (ML): low plasticity, dark brown; Sand, fine to coarse; TOPSOIL. (0.10 m)	w > PL		TOPSOIL	1
					47			CI	Sandy CLAY (CI): medium plasticity, pale brown; Sand, fine to coarse; FILL.	w < PL		FILL	1, 1, 1, 2
				ES: 0.40-0.50 m									
AD/T	H								(0.60 m) Sandy CLAY (CI): medium plasticity, orange-brown with trace blue-grey sand; Sand, fine to coarse; EXTREMELY WEATHERED MATERIAL.	w < PL	St	EXTREMELY WEATHERED MATERIAL	3, 5, 4, 3
				D: 0.90-1.00 m		1		CI					
				ES: 1.00-1.10 m									5
					46						VSt - H		11
									Terminated at 1.40m. Refusal.				
						2							
					45								
						3							
					44								

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH04

Position: E 267308.93 N 6088101.00 (GDA 2020 56H)			Surface Elevation: 56.000 m AHD
Rig Type: Christie Engineering	Mounting: Trailer	Contractor: ASCT	Driller: AP
Date Started: 12/05/2025	Date Completed: 12/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Material Description: Graphic Log	Classification	SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm
HA				ES: 0.00-0.10 m				ML	Sandy SILT (ML): low plasticity, dark brown; Sand, fine to coarse; TOPSOIL. (0.10 m)	w < PL		TOPSOIL	1
								CI	Sandy CLAY (CI): medium plasticity, pale brown; Sand, fine to coarse; FILL.	w > PL		FILL	3, 4
				ES: 0.40-0.50 m									7
AD/T													6, 5, 5, 4
				ES: 0.90-1.00 m									4
	F		Not Encountered		55	1						A =70+40+20mm rock shards @ 1.0m	4, 3, 4, 3
				D: 1.40-1.50 m									4
				ES: 1.50-1.60 m						w < PL			4, 5, 3, 3
				ES: 1.90-2.00 m									4
					54	2							3, 4, 6, 5
	H			ES: 2.40-2.50 m									7
								CH	CLAY (CH): high plasticity, blue-grey; with sand, fine to coarse; RESIDUAL SOIL possibly ALLUVIAL SOIL. (2.50 m)		VSt - H	RESIDUAL SOIL	9, 8
				D: 2.70-2.80 m									18
									Terminated at 2.80m. Refusal.				
					53	3							

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH05

Position: E 267326.46 N 6088166.90 (GDA 2020 56H)			Surface Elevation: 46.100 m AHD
Rig Type: Christie Engineering	Mounting: Trailer	Contractor: ASCT	Driller: AP
Date Started: 12/05/2025	Date Completed: 12/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	Material Description: SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm (5 10 15)
HA				ES: 0.00-0.10 m				ML	Sandy SILT (ML): low plasticity, dark brown; Sand, fine to coarse ; TOPSOIL. (0.10 m)			TOPSOIL	1
					46			CI	Sandy CLAY (CI): medium plasticity, pale brown; Sand, fine to coarse; FILL.			FILL	1, 2, 3
				ES: 0.40-0.50 m									4
	F												6, 6, 6, 5
				ES: 0.90-1.00 m		1							3
					45								6, 4, 10, 6
				ES: 1.40-1.50 m									6
				D: 1.50-1.60 m				CL	Sandy CLAY (CL): low plasticity, dark grey; Sand, fine to coarse ; FILL. (1.50 m)			FILL	3, 5, 3, 6
				ES: 1.90-2.00 m									5
			Not Encountered			2			CLAY (CH): high plasticity, brown grey; with sand, fine to medium; ALLUVIAL SOIL. (2.00 m)	w < PL		ALLUVIAL SOIL	4, 4, 4, 3, 3
					44						F - St		
				D: 2.50-2.60 m				CH					2, 2, 3, 4
	H												
				ES: 2.90-3.00 m		3							7, 6
					43				CLAY (CH): high plasticity, brown; RESIDUAL SOIL. (3.10 m)			RESIDUAL SOIL	10, 9, 12, 15
								CH			VSt - H		

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH05

Position: E 267326.46 N 6088166.90 (GDA 2020 56H)			Surface Elevation: 46.100 m AHD
Rig Type: Christie Engineering	Mounting: Trailer	Contractor: ASCT	Driller: AP
Date Started: 12/05/2025	Date Completed: 12/05/2025	Logged By: AC	Checked By: BA

Drilling				Sampling & Testing			Material Description						
Method	Penetration	Casing (mm)	Water Observations	Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm 5 10 15
AD/T	H				42			CH	CLAY (CH): high plasticity, brown; RESIDUAL SOIL.	w < PL	VSt - H		
									Terminated at 4.60m. Refusal.				
					41	5							
					40	6							
					39	7							

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH06

Position: E 267386.08 N 6088147.01 (GDA 2020 56H)			Surface Elevation: 47.000 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	Material Description: SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm
HA	F		Not Encountered	ES: 0.00-0.10 m				ML	0.10 m Sandy SILT (ML): low plasticity, dark brown; Sand, fine to coarse ; TOPSOIL.			TOPSOIL	
								CI	Sandy CLAY (CI): medium plasticity, pale brown; Sand, fine to coarse ; RESIDUAL SOIL.	w > PL	S	RESIDUAL SOIL	1, 1, 1
				ES: 0.40-0.50 m							St		3, 3
AD/T	H												6, 8
				ES: 0.90-1.00 m							VSt		13, 12
					46	1			1.00 m Sandy CLAY (CI): medium plasticity, brown / orange; Sand, fine to coarse ; EXTREMELY WEATHERED MATERIAL.	w < PL		EXTREMELY WEATHERED MATERIAL	17, 16
								CI			H		20
	VH												
									Terminated at 1.60m. Refusal.				
					45	2							
					44	3							

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH07

Position: E 267387.88 N 6088259.47 (GDA 2020 56H)			Surface Elevation: 46.300 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm
HA				ES: 0.00-0.10 m				ML	0.10 m Sandy SILT (ML): low plasticity, dark brown; Sand, fine to coarse ; TOPSOIL.	w < PL		TOPSOIL	
HA	F		Not Encountered		46			CH	Sandy CLAY (CH): high plasticity, grey / brown; Sand, fine to medium; RESIDUAL SOIL.	w > PL	S - F	RESIDUAL SOIL	2, 2, 2, 3, 2, 2, 1, 2
HA				ES: 0.40-0.50 m									
AD/T				D: 0.50-0.60 m		1							
AD/T					45						St		3, 3, 3, 4
AD/T	H							CI	1.40 m Sandy CLAY (CI): medium plasticity, red brown; Sand, fine to coarse ; EXTREMELY WEATHERED MATERIAL.	w < PL	VSt	EXTREMELY WEATHERED MATERIAL	6, 14
									Terminated at 1.60m. Refusal.				
						2							
					44								
						3							
					43								

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH08

Position: E 267401.78 N 6088316.74 (GDA 2020 56H)			Surface Elevation: 47.100 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm
HA	F		Not Encountered	ES: 0.00-0.10 m	47			CL	Sandy CLAY (CL): low plasticity, brown; Sand, fine to coarse, trace organics; TOPSOIL.	w < PL		TOPSOIL	2, 3, 2
							0.30 m						
	H			ES: 0.40-0.50 m				CH	CLAY (CH): high plasticity, grey / brown; RESIDUAL SOIL.	w = PL - w < PL	F - St	RESIDUAL SOIL	3, 4, 4, 4, 4, 3, 3
AD/T				D: 0.50-0.60 m									
					46	1							2, 4
											VSt		9, 9, 16
							1.50 m						
				D: 1.50-1.70 m				CI	Sandy CLAY (CI): medium plasticity, orange / pale grey; Sand, fine to coarse; EXTREMELY WEATHERED MATERIAL.	w < PL	H	EXTREMELY WEATHERED MATERIAL	10, 14, 17, 18
						2			Terminated at 2.00m. Refusal.				
					45								
						3							
					44								

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH09

Position: E 267352.38 N 6088272.17 (GDA 2020 56H)			Surface Elevation: 46.000 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm (5 10 15)
HA	H		Not Encountered	ES: 0.00-0.10 m				GP-GC	Clayey Sandy GRAVEL (GP-GC): fine to medium grained, 20.0 mm maximum particle size, sub-angular to sub-rounded, grey; Clay, low plasticity ; Sand, fine to medium grained; FILL.	w < PL		FILL	18, 18
									0.20 m CLAY (CH): high plasticity, grey / brown; ALLUVIAL SOIL.			ALLUVIAL SOIL	20
				ES: 0.40-0.50 m									
AD/T				D: 0.50-0.60 m									
					45	1		CH		w < PL	F		
					44	2							
									2.20 m Sandy CLAY (CI): medium plasticity, red brown; Sand, fine to coarse ; EXTREMELY WEATHERED MATERIAL.	w < PL	H	EXTREMELY WEATHERED MATERIAL	
									Terminated at 2.40m. Refusal.				
					43	3							

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH10

Position: E 267370.73 N 6088309.00 (GDA 2020 56H)			Surface Elevation: 46.400 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	Material Description: SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm (5 10 15)
HA				ES: 0.00-0.10 m				GP-GC	Clayey Sandy GRAVEL (GP-GC): fine to medium grained, 20.0 mm maximum particle size, sub-angular to sub-rounded, grey; Clay, low plasticity ; Sand, fine to medium grained; FILL. (0.10 m)	M		FILL	
HA					46			CH	CLAY (CH): high plasticity, grey / brown; ALLUVIAL SOIL.	w < PL	H	ALLUVIAL SOIL	16, 17, 22
HA				ES: 0.40-0.50 m									
AD/T	H				45	1							
AD/T			▼		44	2		CI	Sandy CLAY (CI): medium plasticity, red brown; Sand, fine to coarse ; EXTREMELY WEATHERED MATERIAL. (2.00 m)	w < PL	H	EXTREMELY WEATHERED MATERIAL organic odour from water?	
					43	3			Terminated at 3.00m. Refusal.				

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH11

Position: E 267484.04 N 6088086.56 (GDA 2020 56H)			Surface Elevation: 55.300 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Material Description: Graphic Log	Classification	SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm
AD/T	H			ES: 0.03-0.10 m				SW	0.03 m ASPHALTIC CONCRETE: AC14 30mm thick well graded; ROAD SURFACE. Gravelley SAND (SW): fine to coarse grained, grey; Gravel, fine to coarse grained, up to 40mm, sub-rounded to sub-angular ; with clay, low plasticity; FILL.	M		ROAD SURFACE FILL	6
				D: 0.10-0.20 m					0.20 m CLAY (CI): medium plasticity, orange; with sand, fine to coarse; RESIDUAL SOIL.			RESIDUAL SOIL	4
				B: 0.20-0.50 m	55								3
													2
				ES: 0.50-0.60 m									4
											St - VSt		4
													7
													6
						1							9
													11
													10
					54								10
													13
													12
													11
											VSt		9
			▼										10
												GW @ 1.8m, possibly from adjacent RW	11
													13
						2							13
	F - H							CI		w < PL - w > PL			17
					53								
						3					H		
					52								

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH11

Position: E 267484.04 N 6088086.56 (GDA 2020 56H)			Surface Elevation: 55.300 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling				Sampling & Testing			Material Description						
Method	Penetration	Casing (mm)	Water Observations	Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm 5 10 15
									Terminated at 4.00m. Refusal.				
					51								
						5							
					50								
						6							
					49								
						7							
					48								

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH12

Position: E 267493.21 N 6088159.12 (GDA 2020 56H)			Surface Elevation: 54.000 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Material Description: Graphic Log	Material Description: Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Material Description: Moisture Condition	Material Description: Consistency / Relative Density	Material Description: SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm (5 10 15)
AD/T	H		Not Encountered	ES: 0.02-0.10 m				SW	0.02 m ASPHALTIC CONCRETE: AC14 20mm thick; ROAD SURFACE.	M		ROAD SURFACE FILL	
									0.12 m Gravelley SAND (SW): fine to coarse grained, grey; Gravel, fine to coarse grained, up to 40mm, sub-rounded to sub-angular ; with clay, low plasticity; FILL.			RESIDUAL SOIL	
				B: 0.20-0.50 m				CL	Sandy CLAY (CL): low plasticity, orange; Sand, fine to coarse; RESIDUAL SOIL.	w < PL	VSt - H		7, 16
				ES: 0.50-0.60 m									
					53	1							
									Terminated at 1.20m. Refusal.				
					52	2							
					51	3							

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH13

Position: E 267497.74 N 6088194.04 (GDA 2020 56H)			Surface Elevation: 53.400 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm
AD/T	H		Not Encountered	ES: 0.02-0.10 m				SW	0.01 m SPRAYED SEAL: 14mm thick; ROAD SURFACE. Gravelley SAND (SW): fine to coarse grained, grey; Gravel, fine to coarse grained, up to 40mm, sub-rounded to sub-angular ; with clay; FILL.	M		ROAD SURFACE FILL	3
				ES: 0.20-0.50 m	53	1		CL	0.22 m Sandy CLAY (CL): low plasticity, orange; Sand, fine to coarse; RESIDUAL SOIL.	w < PL	VSt - H	RESIDUAL SOIL	6, 12, 17
					52	2			Terminated at 1.20m. Refusal.				
					51	3							
					50								

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH14

Position: E 267498.69 N 6088217.82 (GDA 2020 56H)			Surface Elevation: 53.000 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm
AD/T	H		Not Encountered	ES: 0.02-0.10 m				SW	0.01 m SPRAYED SEAL: 14mm thick; ROAD SURFACE. Gravelley SAND (SW): fine to coarse grained, grey; Gravel, fine to coarse grained, up to 40mm, sub-rounded to sub-angular ; with clay; FILL.	M		ROAD SURFACE FILL	8
				B: 0.20-0.50 m				CL	0.22 m Sandy CLAY (CL): low plasticity, orange; Sand, fine to coarse; EXTREMELY WEATHERED MATERIAL.	w < PL	St	EXTREMELY WEATHERED MATERIAL	4, 3, 4
				ES: 0.50-0.60 m									5
					52	1					VSt - H		11, 11, 13, 17, 15, 24
					51	2			Terminated at 1.30m. Refusal.				
					50	3							

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH15

Position: E 267462.92 N 6088227.06 (GDA 2020 56H)			Surface Elevation: 50.600 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling				Sampling & Testing			Material Description						
Method	Penetration	Casing (mm)	Water Observations	Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm 5 10 15
AD/T	VH		Not Encountered	ES: 0.05-0.10 m D: 0.10-0.20 m ES: 0.20-0.30 m				SW	0.05 m ASPHALTIC CONCRETE: AC10 50mm thick dense graded; ROAD SURFACE. Gravelley SAND (SW): fine to coarse grained, grey; Gravel, fine to coarse grained, up to 20mm, sub-angular ; FILL.	M		ROAD SURFACE FILL	
					50 49 48 47	1 2 3			Terminated at 0.43m. Refusal.				

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Client: NSW Department of Education
Project: Former Shoalhaven Anglican School Site
Location: Milton, NSW
Job No: 305001663_8

Non-Cored Drill Hole Log

Hole No : BH16

Position: E 267457.50 N 6088204.25 (GDA 2020 56H)			Surface Elevation: 51.000 m AHD
Rig Type: Chrisitie Engineering	Mounting: Track	Contractor: ASCT	Driller: AP
Date Started: 13/05/2025	Date Completed: 13/05/2025	Logged By: AC	Checked By: BA

Drilling: Method	Drilling: Penetration	Drilling: Casing (mm)	Drilling: Water Observations	Sampling & Testing: Sample or Field Test	RL (m AHD)	Depth Below Surface (m)	Graphic Log	Classification	Material Description: SOIL TYPE: colour, plasticity or particle characteristic, secondary and minor components	Moisture Condition	Consistency / Relative Density	SOIL ORIGIN Structure & Other Observations	DCP Blows/100mm (5 10 15)
AD/T	F		Not Encountered	ES: 0.00-0.10 m				CL	Sandy CLAY (CL): low plasticity, brown; Sand, fine to coarse; with gravel, fine to medium ; with silt, low plasticity, trace organics, earthy odour; FILL.	w > PL		FILL	9, 4, 3, 1
				ES: 0.40-0.50 m									2
									0.50 m CLAY (CH): high plasticity, blue grey; FILL.			FILL	1
				B: 0.50-0.80 m				CH					3, 3, 4, 4
					50	1			1.00 m CLAY (CH): high plasticity, brown yellow; with sand, fine to coarse ; RESIDUAL SOIL.			RESIDUAL SOIL	9
	H			ES: 1.00-1.10 m				CH		w < PL	VSt		13, 14, 14, 12
											H		18
									1.80 m Sandy CLAY (CL): low plasticity, orange; Sand, fine to coarse ; EXTREMELY WEATHERED MATERIAL.			EXTREMELY WEATHERED MATERIAL	
					49	2		CL					
									Terminated at 2.20m. Refusal.				
					48	3							

Refer to explanatory notes for details of abbreviations and basis of descriptions.

Stantec

Test Pit Record: TP101

Project: Milton Public School
Client: SINSW
Location: 17 Croobyar Rd, Milton NSW 2538, Australia
Job No: 305001663
Started/Completed Date: 27/05/2025 to 27/05/2025

Position: Easting: 267,457.56
Northing: -3,911,785.05
Grid: GDA2020
Elevation: 55.05 mAHD
Inclination/Azimuth: N/A/N/A

Excavator: 5T Excavator
Excavator Supplier: AVCON
Logged By: Sanka Gunarathna
Checked By: Callum Laker
Log Sheet: 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
55			Fill		(FILL) Sandy GRAVEL: medium to coarse sized, medium grained sand, dark grey, with blue metal, aggregates and demolition rubble (trace bricks) - 16.3kg used for acm screening - no acm.	D	TP101_0.1		0.1	
							TP101_0.3		0.3	
54.75	0.3									
			Fill		(FILL) CLAY: medium plasticity, grey and brown, organic odour, rootless at 0.6m.	w ≈ PL	TP101_0.5		0.5	
							TP101_1.0		1	
	1									
54	1.1									
			Natural		Sandy CLAY: low plasticity, light yellow, fine to medium grained sand.	w ≈ PL	TP101-1.4		1.4	

TP101 Terminated at 1.5m (Target depth)

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP102

Project: Milton Public School	**Position:** Easting: 267,438.20	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,806.47	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.1	0.3		Topsoil		Sandy CLAY: low plasticity, dark brown, fine to medium grained sand, grass at the surface and one fragment of porcelain on the surface. no observed asbestos containing material.	D	TP102-0.1 TP102-0.3		2.1 1	
54			Natural		Sandy CLAY: medium plasticity, yellow brown, fine grained sand.	SLM	TP102-0.5			
					TP102 Terminated at 0.7m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP103

Project: Milton Public School	**Position:** Easting: 267,468.24	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,781.63	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 55.05 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
55.05	0.05		Non-Soil		Non-Soil - Asphalt		TP103_0.1		0.6	
			Fill		(FILL) Gravelly SAND: medium to coarse grained, fine to medium sized gravel, dark grey, with blue metal, 16.3kg used for acm screening - no observed asbestos containing material.	D	TP103_0.3		0.9	
54.75	0.3		Fill		(FILL) CLAY: medium plasticity, grey and brown, organic odour. no observed asbestos containing material.	D	TP103_0.5			
54.55	0.5		Natural		Sandy CLAY: low plasticity, light yellow, fine to medium grained sand.	w ≈ PL				

TP103 Terminated at 0.8m (Target depth)

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP104

Project: Milton Public School	**Position:** Easting: 267,493.56	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,790.87	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54 54	0.4		Topsoil		Sandy CLAY: low plasticity, dark brown, fine to medium grained sand, grass on top. no observed asbestos containing material.	SLM	TP104_0.1 TP104_0.3		2.1 0.9	
53.6	0.8		Natural		Sandy CLAY: medium plasticity, yellow brown, fine grained sand.	w ≈ PL	TP104_0.5			
	1		Natural		Silty CLAY: medium plasticity, red brown.	w > PL				
					TP104 Terminate at 1.2m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP105

Project: Milton Public School	**Position:** Easting: 267,475.62	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,835.67	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.1	0.3		Topsoil		Sandy CLAY: low plasticity, dark brown, fine to medium grained sand, grass on top.	D	TP105_0.1 TP105_0.3		1.5	
54			Natural		Sandy CLAY: medium plasticity, yellow brown, fine grained sand, roots and rootlets after 0.5m.	SLM	TP105-0.5			
					TP105 Terminated at 0.7m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP106

Project: Milton Public School	**Position:** Easting: 267,487.19	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,849.08	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.25	0.15		Topsoil		Sandy CLAY: low plasticity, dark brown, fine to medium grained sand, a fragment of porcelain on the surface.	w < PL	TP106-0.1		1.9	
			Natural		Sandy CLAY: medium plasticity, yellow brown, fine grained sand, tree roots after 0.5m.	w > PL	TP106-0.2			
					TP106 Terminated at 0.3m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP107

Project: Milton Public School	**Position:** Easting: 267,468.60	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,814.72	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
			Fill		(FILL) Sandy CLAY: fine to medium grained sand, low plasticity, dark brown, grass on top and pvc pipe at 0.2m.	w < PL	TP107_0.1 TP107_0.3		0.9	
54.1	0.3									
54			Natural		Sandy CLAY: medium plasticity, brown, fine grained sand, tree roots after 0.5m.	w > PL				
					TP107 Terminated at 0.5m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP108

Project: Milton Public School	**Position:** Easting: 267,387.98	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,680.83	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
			Fill		(FILL) Sandy CLAY: fine to medium grained sand, low plasticity, dark brown, grass on top.	w < PL	TP108_0.1		1.7	
	0.2									
54.1	0.3		Fill		(FILL) Gravelly CLAY: low plasticity, dark grey, slight organic odour. trace sand	w ≈ PL	TP108_0.3		2.5	
54			Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, yellow brown with mottled grey.	w ≈ PL	TP108_0.5			
53.8	0.6									
	1		Natural		Silty CLAY: medium plasticity, brown with mottled grey, water seeping at 0.8m,alluvial clay.	w > PL				
53										
					TP108 Terminated at 1.8m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP109

Project: Milton Public School	**Position:** Easting: 267,373.66	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,701.63	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
			Topsoil		Sandy CLAY: low plasticity, dark brown, fine to medium grained sand, grass on top.	w < PL	TP109_0.1 TP109_0.3		3.1	
54.1	0.3									
54			Natural		Silty CLAY: medium plasticity, yellow brown with mottled grey.	w > PL				
					TP109 Terminated at 0.5m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP110

Project: Milton Public School	**Position:** Easting: 267,367.60	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,721.97	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
	0.2		Fill		(FILL) Sandy CLAY: fine to medium grained sand, low plasticity, dark brown, grass at the surface.	w ≈ PL	TP110_0.1		2.5	
54	0.4		Fill		(FILL) Silty CLAY: medium plasticity, brown with mottled red brown.	w > PL	TP110_0.3		3.5	
			Natural		Silty CLAY: medium plasticity, brown with mottled grey, moist, alluvial.	w > PL	TP110_0.5			
					TP110 Terminated at 0.7m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP111

Project: Milton Public School	**Position:** Easting: 267,346.94	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,773.65	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
			Fill		(FILL) Gravelly CLAY: coarse sized gravel, low plasticity, dark brown brown, with construction demolition (crushed concrete, broken bricks and terracotta tile) 17.8kg used for acm screening-no acm.	w < PL	TP111_0.1 TP111_0.3		4.5	
54.1	0.3									
54			Fill		As above, fine to medium sized gravel, brown, 17.9 kg used for acm screening - no acm.				4.6	
53.8	0.6									
			Fill		(FILL) Silty CLAY: medium plasticity, brown.	w > PL	TP111_0.7		3.8	
53.4	1	1								
			Natural		Silty CLAY: medium plasticity, brown with grey mottled.	w > PL	TP111_1.1			
53										
					TP111 Terminated at 1.8m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP112

Project: Milton Public School	**Position:** Easting: 267,345.19	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,738.36	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54 54	0.4		Fill		(FILL) Gravelly CLAY: coarse sized gravel, low plasticity, dark brown and brown, with construction demolition (crushed concrete, broken bricks, terracotta tile) 17.1kg used for acm screening-no acm.	w < PL	TP112_0.1 TP112_0.3		4.2 4.1	
53.5	0.9		Fill		(FILL) Silty CLAY: medium plasticity, brown, a geo textile layer at 0.5m and with pebbles and blue metal.	w > PL	TP112_0.5		5.1	
	1		Natural		Silty CLAY: medium plasticity, brown with grey mottled.	w > PL	TP112_1.0			
					TP112 Terminated at 1.2m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP113

Project: Milton Public School	**Position:** Easting: 267,384.54	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,722.16	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.3	0.1		Topsoil		Sandy CLAY: low plasticity, dark brown, fine to medium grained sand, grass on top.	w < PL	TP113_0.1		3.5	
54.1	0.3		Fill		(FILL) Sandy CLAY: fine to medium grained sand, low plasticity, grey, with blue metal, moist.	w < PL	TP113_0.3			
54			Fill		(FILL) Silty CLAY: medium plasticity, brown, possible natural.	w ≈ PL	TP113_0.5		2.1	
53.5	0.9		Natural		CLAY: low to medium plasticity, brown.	w > PL				
	1									
					TP113 Terminated at 1.3m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP114

Project: Milton Public School	**Position:** Easting: 267,405.06	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,707.53	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54	0.4		Topsoil		Sandy CLAY: low plasticity, dark brown, fine to medium grained sand, grass on top.	w < PL	TP114_0.1 TP114_0.3		2.8	
	0.7		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, brown, no anthropogenic material.	w ≈ PL	TP114_0.7		4.1	
			Natural		Silty CLAY: medium plasticity, yellow brown with mottled grey.	w > PL				
					TP114 Terminated at 1m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP115

Project: Milton Public School	**Position:** Easting: 267,350.11	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,806.12	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 27/05/2025 to 27/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
			Fill		(FILL) Gravelly CLAY: coarse sized gravel, low plasticity, dark brown, with sandstone pebbles.	w < PL	TP115_0.1		4.1	
	0.2									
			Fill		As above, dark grey.	w ≈ PL	TP115_0.3		3.8	
54	0.4									
					As above, dark grey and brown, water seeping at 0.6, with sandstone bolders and pebbles.		TP115_0.5		2.4	
		▶					TP115_1.0		2.1	
	1									
			Fill			w > PL			1.9	
53							TP115_1.5			
52.5	1.9									
	2		Natural		Silty CLAY: medium plasticity, brown with grey mottled.	w > PL				
					TP115 Terminated at 2.2m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP116

Project: Milton Public School	**Position:** Easting: 267,407.15	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,760.89	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
			Fill		(FILL) Clayey SAND: fine grained, low plasticity clay, brown, grass at the top surface. trace fine sized gravel	M	TP116_0.1		2.1	
	0.2						TP116_0.3			
54			Fill		(FILL) Sandy CLAY: fine grained sand, brown, two broken bricks at 0.6m.	w ≈ PL			3.2	
53.8	0.6						TP116_0.5			
			Fill		As above, dark brown, with fine to medium sized gravel	w ≈ PL			1.9	
53.5	0.9									
	1		Natural		Silty CLAY: medium plasticity, brown with mottled grey.	w > PL	TP116_1.0			

TP116 Terminated at 1.2m (Target depth)

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP117

Project: Milton Public School	**Position:** Easting: 267,407.15	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,760.89	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.15	0.25		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, dark brown, grass at the top surface. trace fine sized gravel	w ≈ PL	TP117-0.1		3.1	
54			Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, yellow brown, no anthropogenic material. trace fine sized gravel	w ≈ PL	TP117_0.3 TP117_0.5		1.9	
53.8	0.6		Fill		(FILL) CLAY: low plasticity, brown with mottled red brown, with organic matter (mulch).	w < PL	TP117_1.0		3	
	1									
53	1.2		Natural		Silty CLAY: medium plasticity, brown with mottled grey.	w > PL	TP117_1.5			
					TP117 Terminated at 1.6m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP118

Project: Milton Public School	**Position:** Easting: 267,407.15	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,760.89	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.15	0.25		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, dark brown, grass at the top surface. trace fine sized gravel	w ≈ PL	TP118_0.1		2.1	
54			Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, yellow brown, no anthropogenic material. trace fine sized gravel	w ≈ PL	TP118_0.3 TP118_0.5		2	
53.5	0.9									
	1		Fill		(FILL) CLAY: low plasticity, brown with mottled red brown, with anthropogenic material(a tire and a cable) , no construction demolition observed.	w > PL	TP118_1.0 TP118_1.5		1.5	
53										
	2						TP118_2.0		4	
									2	
52.52	2.4		Natural		Silty CLAY: medium plasticity, brown with mottled grey.	w > PL	TP118_2.5			
					TP118 Terminated at 3m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP119

Project: Milton Public School	**Position:** Easting: 267,356.68	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,863.69	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.15	0.25		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, dark brown, grass at the top surface. trace fine sized gravel	w ≈ PL	TP119_0.1		2	
54			Fill		(FILL) Gravelly CLAY: low plasticity, brown, no anthropogenic materials.	w ≈ PL	TP119_0.3 TP119_0.5		3.8 3.9	
53.8	0.6		Natural		Silty CLAY: medium plasticity, brown and grey.	w > PL	TP119_1.0			
	1				**TP119 Terminated at 1.1m (Target depth)**					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP120

Project: Milton Public School	**Position:** Easting: 267,386.22	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,878.65	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.15	0.25		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, dark brown, grass at the top surface and moist. trace fine sized gravel	w > PL	TP120_0.1		3.8	
54			Fill		(FILL) Gravelly CLAY: low plasticity, brown and dark brown, no anthropogenic materials.	w ≈ PL	TP120_0.3 TP120_0.7		3.8 3.1	
	0.7		Natural		Sandy CLAY: low plasticity, yellow brown, fine grained sand, trace fine sized gravel					
53	1				**TP120 Terminated at 1.7m (Target depth)**					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP121

Project: Milton Public School	**Position:** Easting: 267,368.43	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,894.07	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.15	0.25		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, dark brown, grass at the top surface and moist. trace fine sized gravel	w > PL	TP121_0.1		2.8	
54	0.45		Fill		(FILL) Gravelly CLAY: low plasticity, brown and dark brown, no anthropogenic materials.	w ≈ PL	TP121_0.3		3.1	
			Natural		Sandy CLAY: low plasticity, yellow brown, fine grained sand, trace fine sized gravel	w ≈ PL	TP121_0.7			
					TP121 Terminated at 1m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP122

Project: Milton Public School	**Position:** Easting: 267,333.96	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,890.40	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.15	0.25		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, dark brown, grass at the top surface and moist. trace fine sized gravel	w > PL	TP122_0.1		3.1	
53.5	0.9		Fill		(FILL) Gravelly CLAY: low plasticity, brown and dark brown, no anthropogenic materials.	w ≈ PL	TP122_0.3 TP122_0.5		2.5	
52.8	1.6		Fill		(FILL) Silty CLAY: medium plasticity, grey and mottled red brown, no anthropogenic materials. trace fine sized gravel	w > PL	TP122-1.0		3.1	
52.3	2.1		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, grey.	w ≈ PL	TP122-1.7			
51.8	2.6		Fill		As above, yellow brown.	w ≈ PL	TP122_2.2		2.5	
51	3		Fill		As above, orange brown.	w ≈ PL	TP122-2.7			
					TP122 Refusal at 3.5m (Excavator struggled to get more deeper)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP123

Project: Milton Public School	**Position:** Easting: 267,314.66	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,922.25	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.15	0.25		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, dark brown, grass at the top surface and moist. trace fine sized gravel	w > PL	TP123_0.1		1.9	
54			Fill		(FILL) Gravelly CLAY: fine to medium sized gravel, low plasticity, brown and dark brown, one brick at 0.5m.	w ≈ PL	TP123_0.3 TP123_0.5		1.8 3.9	
53.5	0.9		Fill		(FILL) Silty CLAY: medium plasticity, grey and mottled red brown, no anthropogenic materials. trace fine sized gravel	w > PL	TP123_1.0			
53	1.4		Fill		(FILL) Silty CLAY: low to medium plasticity, grey, slight organic odour.	w > PL	TP123_1.5		4.1	
52	2.4		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, orange brown, assume fill.	w ≈ PL	TP123_2.5			
51					**TP123 Refusal at 3.5m (Excavator struggled to get more deeper)**					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP124

Project: Milton Public School	**Position:** Easting: 267,386.22	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,878.65	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.15	0.25		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, dark brown, grass at the top surface and moist. trace fine sized gravel	w > PL	TP124_0.1		4	
54	0.7		Fill		(FILL) Gravelly CLAY: low plasticity, brown and dark brown, no anthropogenic materials.	w ≈ PL	TP124_0.3		2.1	
1	1.2		Fill		(FILL) Sandy CLAY: fine grained sand, low to medium plasticity, brown with mottled grey, trace fine sized gravel	w > PL	TP123_0.8			
53			Natural		Sandy CLAY: low plasticity, yellow brown, fine grained sand.	w ≈ PL				

TP124 Terminated at 1.5m (Target depth)

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP125

Project: Milton Public School	**Position:** Easting: 267,370.49	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,937.76	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.15	0.25		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, dark brown, grass at the top surface and moist. trace fine sized gravel	w > PL	TP125_0.1		3.8	
54			Fill		(FILL) Gravelly CLAY: low plasticity, brown, no anthropogenic materials.	w ≈ PL- w > PL	TP125_0.3		2.8	
53.8	0.6		Natural		Sandy CLAY: low plasticity, yellow brown, fine grained sand, trace fine sized gravel	w ≈ PL				
	1									
					TP125 Terminated at 1.2m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP126

Project: Milton Public School	**Position:** Easting: 267,332.33	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,975.90	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
54.15	0.25		Fill		(FILL) Sandy CLAY: fine grained sand, low plasticity, dark brown, grass at the top surface and moist. trace fine sized gravel	w > PL	TP126_0.1		2.5	
54 54	0.4		Fill		(FILL) Gravelly CLAY: low plasticity, brown, no anthropogenic materials.	w > PL	TP126_0.3		4.1	
	1		Natural		Sandy CLAY: low plasticity, yellow brown, fine grained sand, trace fine sized gravel					
					TP126 Terminated at 1.2m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: TP127

Project: Milton Public School	**Position:** Easting: 267,409.62	**Excavator:** 5T Excavator
Client: SINSW	Northing: 6,088,238.21	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 54.40 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 28/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
			Fill		(FILL) Clayey SAND: fine grained, low plasticity clay, brown, grass at the top surface. trace fine sized gravel	M	TP127_0.1		3.8	
	0.2		Fill		(FILL) Sandy CLAY: fine grained sand, brown.	w ≈ PL	TP127-0.3			
54.54	0.4		Fill		As above, dark grey, tree roots at 0.5m. with fine to medium sized gravel	w > PL	TP127_0.5		2.1	
	0.7		Natural		Silty CLAY: medium plasticity, orange brown.	w ≈ PL				
53	1									
					TP127 Terminated at 1.5m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Test Pit Record: SP1

Project: Milton Public School	**Position:** Easting: 267,475.59	**Excavator:** 5T Excavator
Client: SINSW	Northing: -3,911,955.13	**Excavator Supplier:** AVCON
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 55.05 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 29/05/2025 to 28/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
55			Mixture of Soil and Cobbles/Boulders		Gravelly to Sandy CLAY: low plasticity, brown, fine to medium to coarse sized gravel, medium grained sand, with blue metal, aggregates and construction demolition (broken bricks, cement fragments, crushed concrete) and polythene. no acm observed.. with silt	w < PL				
54	1									
					SP1 Terminated at 1.2m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Borehole Record: HA101

Project: Milton Public School	**Position:** Easting: 267,410.83	**Drill Rig:** Hand Auger
Client: SINSW	Northing: -3,911,816.06	**Drill Supplier:** Stantec
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 52.62 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 29/05/2025 to 29/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
	0.2		Fill		(FILL) Sandy CLAY: fine grained sand, low to medium plasticity, dark brown, trace fine sized gravel	w > PL	HA101_0.1		2.1	
52.22	0.4		Fill		(FILL) Gravelly CLAY: fine sized gravel, low plasticity, brown.	w ≈ PL	HA101_0.3		1.9	
52			Fill		As above, Sandy fine grained sand, brown with mottled grey and red brown, trace fine sized gravel	w ≈ PL	HA101_0.5		1.5	
51.72	0.9		Natural		Sandy CLAY: orange brown, fine grained sand, wet, assume monsonite soil.	w > PL	HA101_1.0			
	1				**HA101 Terminated at 1.3m (Target depth)**					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Borehole Record: HA102

Project: Milton Public School	**Position:** Easting: 267,412.18	**Drill Rig:** Hand Auger
Client: SINSW	Northing: -3,911,845.06	**Drill Supplier:** Stantec
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 52.62 mAHD	**Checked By:** Callum Laker
Started/Completed Date: 29/05/2025 to 29/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
	0.2		Fill		(FILL) Sandy CLAY: fine grained sand, low to medium plasticity, dark brown, a fibrous fragment encountered between 0-0.2. trace fine sized gravel	w > PL	HA102-ACM-0-0.2		2.2	
52.22	0.4		Fill		(FILL) Gravelly CLAY: fine sized gravel, low plasticity, brown.	w > PL	HA102_0.1 HA102_0.3			
	0.6		Fill		(FILL) Clayey SAND: fine grained, low plasticity clay, dark brown, trace fine sized gravel		HA102_0.5		1	
52			Fill		(FILL) Gravelly CLAY: fine sized gravel, low to medium plasticity, dark brown, with fragments of porcelain and a steel scrap..	w > PL	HA102_0.9		2.1	
					HA102 Refusal at 0.9m (difficult to auger as something cracking down. terminated due to risk of nearby underground utilities)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Borehole Record: HA102 -A

Project: Milton Public School
Client: SINSW
Location: 17 Croobyar Rd, Milton NSW 2538, Australia
Job No: 305001663
Started/Completed Date: 29/05/2025 to 29/05/2025

Position: Easting: 267,413.72
Northing: -3,911,849.24
Grid: GDA2020
Elevation: 52.62 mAHD
Inclination/Azimuth: N/A/N/A

Drill Rig:
Drill Supplier: Stantec
Logged By: Sanka Gunarathna
Checked By:
Log Sheet: 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
	0.2		Fill		(FILL) Sandy CLAY: fine grained sand, low to medium plasticity, dark brown, test pit drilled approximately 3m south of ha102, no visible foreign material. trace fine sized gravel	w > PL				
52.22	0.4		Fill		(FILL) Gravelly CLAY: fine sized gravel, low plasticity, brown.	w > PL				
	0.6		Fill		(FILL) Clayey SAND: fine grained, low plasticity clay, dark brown, trace fine sized gravel					
52	0.95		Fill		(FILL) Gravelly CLAY: fine sized gravel, low to medium plasticity, dark brown, trace of porcelain fragments.	w > PL				
	1		Natural		Sandy CLAY: low to medium plasticity, yellow brown, fine grained sand.	w > PL				
					HA102 -A Terminated at 1.1m (Target depth - natural)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Borehole Record: HA102 -B

Project: Milton Public School	**Position:** Easting: 267,412.01	**Drill Rig:**
Client: SINSW	Northing: -3,911,846.48	**Drill Supplier:** Stantec
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 52.62 mAHD	**Checked By:**
Started/Completed Date: 29/05/2025 to 29/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
	0.2		Fill		(FILL) Sandy CLAY: fine grained sand, low to medium plasticity, dark brown, with a trace of porcelain. trace fine sized gravel	w > PL				
52			Fill		(FILL) Gravelly CLAY: fine sized gravel, low plasticity, brown, terminated as no service clearance.	w > PL				
					HA102 -B Refusal at 0.9m (difficult to auger as something cracking down. terminated due to risk of nearby underground utilities)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Stantec

Borehole Record: HA103

Project: Milton Public School	**Position:** Easting: 267,455.47	**Drill Rig:**
Client: SINSW	Northing: -3,911,837.95	**Drill Supplier:** Stantec
Location: 17 Croobyar Rd, Milton NSW 2538, Australia	**Grid:** GDA2020	**Logged By:** Sanka Gunarathna
Job No: 305001663	**Elevation:** 52.62 mAHD	**Checked By:**
Started/Completed Date: 29/05/2025 to 29/05/2025	**Inclination/Azimuth:** N/A/N/A	**Log Sheet:** 1 OF 1

Elevation (mAHD)	Depth (m)	Water	Soil Origin	Graphic Log	Material Description	Moisture	Sample Primary	Sample QA	PID (ppm)	Remarks
52.32	0.3		Fill		(FILL) Sandy CLAY: fine grained sand, low to medium plasticity, dark brown, no anthropogenic material. trace fine sized gravel	w < PL	HA103_0.1		2	
52	0.7		Fill		(FILL) CLAY: low to medium plasticity, brown, no anthropogenic material.	w ≈ PL	HA103_0.5		1	
			Natural		Sandy CLAY: orange brown, fine grained sand, assumed monsonite soil.	w > PL	HA103_0.8			
					HA103 Terminated at 0.9m (Target depth)					

Refer to Stantec Explanatory Notes for details of terms, abbreviations and symbols used as basis for descriptions. Logging for geotechnical purposes has been performed in general accordance with AS1726 (2017). All logs should be read in conjunction with the geotechnical report for which they were prepared.

Appendix G – Data Quality Assessment

Assessment of Field Quality Data

Field data quality assessment for this DSI is summarised in **Table 13-1**.

Table 13-1 Assessment of Field Data Quality

QAQC Measure	Field Quality Indicator	Conformance Comments
Precision: A quantitative measure of the variability (or reproducibility) of data.	SOPs are appropriate and complied with.	Yes.
	Field duplicates and Blind field duplicates are collected and analysed at a rate of 5% (1 per 20 samples).	Yes, Refer to Section **13.2**
	Use of calibrated equipment.	Yes.
Accuracy: A quantitative measure of the closeness of reported data to the "true" value.	SOPs are appropriate and complied with.	Yes.
	Use of calibrated equipment.	Yes.
	Field interlaboratory duplicates sampled and analysed at a rate of 1 per 20 samples.	Yes, Refer to Section **13.2**
	<30% Relative Percentage Difference (RPD)	Refer to Table 4 and 5 **Appendix E** **Soil and water RPD**: Select samples exceeded the 30% RPD value for analytes including metals. These RPD exceedances are inferred to be associated with soil heterogeneity. **Soil:** Select metals including Arsenic, Chromium (III+VI) (filtered) and Zinc (filtered) were exceeded the 30% RPD value for analytes including metals. RPD exceedances of metals were minor and Stantec infer that these exceedances will not impact the outcome of this assessment **Water:** Select metals including Chromium (III+VI) (filtered) and Zinc (filtered) were exceeded the 30% RPD value for analytes including metals. RPD exceedances of metals were minor and Stantec infer that these exceedances will not impact the outcome of this assessment.
	Analysis of rinsate sample collected at rate of 1 per day.	Partial. Two rinsate samples were collected. One for the hand auger and one for the pond scoop. The remaining soil samples were collected using nitrile gloves, with material directly grabbed from the excavator bucket or drill rig that did not come into

		contact with either the excavator bucket or drill strings.
Representativeness: The confidence (expressed qualitatively) that data are representative of each media present on site and the conditions encountered in the field	Appropriate media sampled.	Yes.
	Preservation and storage of samples upon collection and during transport to the laboratory occurs.	Yes.
	Sampling is undertaken by an experienced sampler.	Yes.
Completeness: A measure of the amount of useable data from the data collected during the fieldwork program	All critical locations sampled.	Yes.
	All samples collected (from grid and at depth).	All samples collected as per agreed scope of works.
	Standard operating practices (SOPs) appropriate and complied with.	Yes.
	Sampling is undertaken by an experienced sampler.	Yes.
	Suitable records of field work are documented.	Yes.
	Completed laboratory sample chain-of-custody and documentation.	Yes. See **Appendix E**
Comparability: The confidence (expressed qualitatively) that data may be considered to be equivalent for each sampling and analytical event	Same SOP is used on each field occasion.	Yes.
	Climatic conditions are documented.	Yes.
	Experienced sampler	Yes.
	Sample type, preservation and handling are consistent at sampling events.	Yes.
	Use of calibrated equipment.	Yes.

A summary of the field QA/QC processes undertaken during this investigation is provided below in **Table 13-2.**

Table 13-2 Summary of QA/QC Processes

Requirement	Comments
Equipment calibration	Yes, a calibrated Photoionization Detector was used and bump tested at the beginning of each day.
Equipment decontamination	Yes. Two rinsate samples (RIN_240515 and RIN240523) was submitted for analysis of parameters associated with the monitoring undertaken. A summary table of the results is provided in **Appendix D**. All analyte concentrations were reported below the laboratory

	LORs with the exception of PFHxS, PFOS, Sum of PFHxS, PFOS and PFOA which were reported as <0.005 mg/kg instead of 0.003 mg/kg. this was due to a change in NEMP Guidance from Version 2,0 to Version 3.0 following sample collection and analysis.
Soil logging	Logging soils in general accordance with the *Australian Standard Geotechnical Site Investigations (AS1726-2017)* including sample information recording on the geological log sheets.
Sample media identification	Samples marked with a unique identifier including project number, sample location, depth and date.
QA/QC	Duplicate samples collected at a rate of 1 every 20 primary samples completed at the primary intra-laboratory; and triplicate samples at a rate of 1 every 20 samples to be analysed at the secondary inter-laboratory for soil and water. Duplicate and triplicate samples for PFAS collected at a rate of 1:10 samples.
Sample preservation	Collected soil samples placed in a chilled icebox with ice for storage and transport to the laboratory.
Chain of custody (COC documentation	COC forms detailing sample identification, collection date, sampler and laboratory analysis required. The COC form was signed off and returned via email to Stantec by the laboratory staff upon receipt of all the samples.
NATA-accredited methods	NATA-accredited laboratories analysed the samples in accordance with NATA accredited methods where applicable.

A summary of all field QA/QC samples is provided in **Table 13-3** below:

Table 13-3 Field QA/QC Collection Summary

Environmental Media	Date	Primary	Duplicate	Triplicate
Soil	15/05/2025	BH01_0.1	QA100	QC100
	27/05/2025	TP104_0.1	QA100	QC100
	27/05/2025	TP106_0.1	QA101	QC101
	27/05/2025	TP111_0.1	QA102	QA102
	27/05/2025	TP113_0.1	QA103	QA103
	28/05/2025	TP117_0.1	QA200	QA200
	29/05/2025	HA101_0.1	QA300	QC300
Surface Water	29/05/2025	SW-01	QA400	QC400

Replicate sampling rates are summarised in **Table 13-4**.water

Table 13-4 Replicate Sampling Rates

Analyte Category	Number of Primary Samples	Number of Duplicate Samples	Number of Triplicate Samples	Replicate Ratio
Metals (Lead)	70	7	7	7:1:1

TRH, BTEX, PAH, Metals (As, Cd, Cr, Cu, Ni, Hg, Pb, Zn), OCP, OPP, Phenols	70	7	7	7:1:1
PFAS	43	6	6	43:6:6

Laboratory Data Quality Assessment

Laboratory data quality assessment is summarised in **Table 13-5**.

Table 13-5 Assessment of Laboratory Data Quality

QAQC Measure	Laboratory Quality Indicator	Conformance Comments
Precision: A quantitative measure of the variability (or reproducibility) of data.	Analysis of laboratory duplicates	Yes. See Appendix F
Accuracy: A quantitative measure of the closeness of reported data to the "true" value.	Laboratory holds NATA-accreditation for the analyses.	Yes. See Appendix F
	Laboratory limit of reporting is below the adopted investigation level.	Part. As discussed in Section 8.1.2 and 8.2.2 and , the following analytes were reported above applicable criteria. HIL A Residential with garden/accessible soil criteria: PFHxS, PFOS, Sum of PFHxS and PFOS and PFOA ANZG (2018 Sediment Quality DGV screening criteria: Chlordane, DDD, Dieldrin, Endrin and PCBs. The absence of these contaminants at concentrations above LOR in soil or surface water samples both historically and the current investigation indicate a low and acceptable risk to the validity of the data and as well a low and acceptable risk to ecological receptors.
	Analysis of field blank	Yes. See Appendix D
	Analysis of rinsate blank	Yes. See Appendix D
	Analysis of method blanks	Yes. See Appendix E
	Analysis of matrix spikes (MS)	Yes. See Appendix E

	Analysis of matrix spike duplicates (MSD) Acceptable RPD value threshold of 30%	Part. The following parameters from Eurofins report *1228331-S* were identified as outliers: • Arsenic (50%), Chromium (49%), Nickel (51%) and Zinc (48%) • TRH (C29-C36) (35%). The following parameters from Eurofins report *1221381-S* were identified as outliers: • Copper (47%) However, 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 in Appendix F.
	Analysis of surrogate spikes	Yes See Appendix E
	Laboratory spikes: 70-130% recovery for metals 60-140% for organics Laboratory duplicates. If contaminant concentration is: < 10 x PQL, no RPD limit 10-20 x PQL, RPD is 0% to 50% >20 x PQL, RPD is 0% to 20%	Part. The following parameters from SGS report no. SE264540 were identified as outliers: • Anthracene (141%, Fluoranthene (141%), • TRH C10-C14 (62%), TRH C15-C28 (174%), TRH C29-C36 (11%), TRH>C10-C16 (119%), TRH>C16-C34 (183%), TRH C6-C10 (121%), TRH C6-C10 (F1) (134%). SGS provided the following comment: "Recovery failed acceptance criteria due to matrix interference".
	Laboratory surrogates: 60-140% recovery.	Yes. See Appendix E
	Laboratory blanks: <PQL	Yes. See Appendix E
	Laboratory control samples, 70-130% recovery	Yes. See Appendix E
Representativeness: The confidence (expressed qualitatively) that data are representative of each	RPD values have been calculated and reviewed. Unacceptable RPD values have been assessed and commentary provided.	Yes. See **Table 13-1** above.

media present on site and the conditions encountered in the field.	Rinsate samples results have analytical results <LOR.	Yes. See Appendix D
	All key samples analysed.	Yes.
	Analysis of laboratory-prepared volatile trip spikes and trip blanks.	Yes. See Appendix E.
Completeness: A measure of the amount of useable data from the data collected during the fieldwork program	All critical samples analysed according to SAQP and proposal	Yes.
	All CoPCs analysed.	Yes. See Appendix D.
	Appropriate methods and PQLs implemented.	Part. As discussed in Section 8.3.2, the following analytes were reported above applicable ANZG (2018 Sediment Quality DGV screening criteria: Chlordane, DDD, Dieldrin, Endrin and PCBs. The absence of these contaminants at concentrations above LOR in soil or surface water samples both historically and the current investigation indicate a low and acceptable risk to the validity of the data and a low ecological risk.
	Sample documentation is complete.	Yes. See Appendix F
	Samples were analysed within holding times.	No. See Appendix F
Comparability: The confidence (expressed qualitatively) that data may be considered to be equivalent for each sampling and analytical event	Same sample analytical methods used.	Yes. See Appendix F
	Same sample PQLs	Part. The primary lab and secondary lab use different PQLs for some analytes.
	Same laboratories are used and justification is given where differences occur.	Yes. See Appendix F
	Same units of measurement are used.	Yes. See Appendix F

Summary of Project QA/QC

The sampling (including decontamination, preservation and transport procedures) and laboratory methods adopted for this Detailed Site Investigation were mostly consistent with NEPM, EPA and Stantec protocols and met the DQOs for this project. Some minor discrepancies were identified; however, they

were not considered to be detrimental to the overall validity of the final data set. Where non-conformance, or variability, in laboratory results was observed, it could be attributed to the heterogeneous nature of the corresponding (soil, water and sediment) samples, matrix interference and/or different laboratory PQL's.

It was therefore considered that the data were sufficiently precise, accurate, representative, complete and comparable, and could be relied upon for interpretation with the limitations noted

With every community, we redefine what's possible.

Stantec is a global leader in sustainable engineering, architecture, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.

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