JOHN HOLLAND | SEYMOUR WHYTE

SEPTEMBER 2021

REMEDIATION ACTION PLAN

FORMER TEMPE LANDFILL - SYDNEY GATEWAY PROJECT

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Remediation Action Plan
Former Tempe Landfill - Sydney Gateway Project

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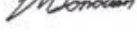
Approved by:	Hamish Donovan	16th September 2021	

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ABBREVIATIONS

ASS	Acid sulfate soils
ASSMP	Acid sulfate soil management plan
BTEX	Benzene, toluene, ethylbenzene and xylene
CAF	Competency assessment forms
CLM Act	*Contaminated Land Management Act 1997*
COC	Chain of custody
COPC	Contaminant of potential concern
CT	Contaminant threshold
EMP	Environmental management plan
EPA	Environment Protection Authority (referring to the NSW EPA)
GSV	Gas screening values
LEL	Low explosive limit
LOR	Limit of reporting
LLGOMP	Landfill, leachate, gas and odour management plan
LTEMP	Long term environmental management plan
NATA	National Association of Testing Authorities
OCP	Organochlorinated pesticides
PAH	Polycyclic aromatic hydrocarbons
PASS	Potential acid sulfate soils
PCB	Polychlorinated biphenyls
PFAS	per- and poly-fluoroalkyl substances
PID	Photo-ionisation detector
POEO Act	*Protection of the Environment Operations Act 1997*
ppm	Parts per million
QA/QC	Quality assurance and quality control
RAP	Remediation action plan
RPD	Relative percent difference
SAQP	Sampling and analysis quality plan
SCC	Specific contaminant concentrations

SOP	Standard operating procedure
SYD	Sydney Airport
TCLP	Toxicity characteristic leaching procedure
TfNSW	Transport for New South Wales
TRH	Total recoverable hydrocarbons
VENM	Virgin excavated natural material
VHC	Volatile halogenated compounds
VRA	Voluntary remediation agreement
VRP	Voluntary remediation proposal

EXECUTIVE SUMMARY

WSP Australia Pty Ltd (WSP) has been commissioned by John Holland | Seymour Whyte Joint Venture (JHSWJV) to prepare this remediation action plan (RAP) to facilitate the remediation of soil, leachate and ground gas during the construction of the section of the Sydney Gateway Road Project situated within the former Tempe Landfill situated to the north of Alexandra Canal in Tempe NSW (identified as "the site" or the "auditable area" within this document).

The remediation action plan is required to meet condition E46 of the state significant infrastructure approval (SSI 9737). Condition E46 further requires that "*Should remediation be required to make land suitable for the final intended land use […], a Remediation Action Plan must be prepared. […]an Interim Audit Advice or a Section B Site Audit Statement from a NSW EPA accredited Site Auditor that certifies that the Remediation Action Plan is appropriate and that the site can be made suitable for the proposed use*" should also be provided the Planning Secretary.

JHSWJV has engaged Kylie Lloyd from Geosyntec Consultants Pty Ltd (Geosyntec) as the NSW EPA Contaminated Site Auditor to satisfy the requirement of the infrastructure approval. This RAP has been prepared to provide the Site Auditor with details of the remediation, management and validation methodologies which will be applied within the auditable area for identified contamination.

The key remedial objectives of the works presented in this remediation action plan are to:

- Mitigate identified contamination within the auditable boundary of the Sydney Gateway Road Project ground disturbance works to facilitate the intended future use of the site as part of a roadway.
- Mitigate identified contamination risks to surrounding landuses which may occur as a result of the future operation of the roadway.

The actions required to achieve these remedial objectives are summarised as follows:

- Capping and containment of impacted fill materials which are to remain on-site.
- Off-site disposal of impacted material unable to be appropriately contained on-site.
- Importation of appropriately validated fill material to facilitate capping and attainment of the designed final landform.
- Design and installation of landfill gas mitigation controls beneath the roadway as per the detailed design and technical specification currently being prepared.
- Service and maintenance of the current leachate capture and treatment system as per the detailed specification currently being prepared.
- Collect adequate survey and construction quality assurance (CQA) data to ensure capping has been undertaken in accordance with the required specifications.
- Collect sufficient data to validate material disposed off-site has been disposed to an appropriately licenced facility under the correct controls.
- Collect sufficient data to validate that material imported onto site is chemically suitable to be used on-site as per the future landuse scenario.
- Collect sufficient CQA information to demonstrate that the landfill gas mitigation and leachate capture and treatment systems have been installed as per the approved detailed designs and technical specifications and are operating as per their defined design objectives. Following road construction the ownership and responsibility of the leachate capture and treatment system (including plant, pit and pipework) will be returned to Inner West Council.

- Implement a construction-phase environmental management plan which sufficiently manages and mitigates identified environmental risks associated with the Project.
- Prepare a validation report which addresses all of the items within this RAP and meets the requirements of NSW EPA (2020), *Consultants Reporting on Contaminated Land.*
- Prepare a long term environmental management plan which outlines how long term environmental controls (such as final capping, the landfill gas mitigation system and leachate capture and treatment system) are to be maintained and operated into the future, what ongoing monitoring activities are required and contingencies for potential future hazards and/or failures of the adopted ongoing monitoring compliance criteria.

WSP consider that if the remediation program as outlined in this RAP is followed, the site can be made suitable for future operation as a roadway with surrounding open space landuse.

1 PROJECT BACKGROUND

1.1 INTRODUCTION AND PROJECT OVERVIEW

WSP Australia Pty Ltd (WSP) has been commissioned by John Holland | Seymour Whyte Joint Venture (JHSWJV) to prepare this remediation action plan (RAP) to facilitate the remediation of soil, leachate and ground gas during the construction of the section of the Sydney Gateway Road Project situated within the former Tempe Landfill situated to the north of Alexandra Canal in Tempe NSW (identified as "the site" or the "auditable area" within this document).

Refer to Appendix A - Figure 1 site plan for the extent of the auditable area (i.e. "the site") in relation to the greater Sydney Gateway Road Project.

1.2 PURPOSE AND OBJECTIVES

The remediation action plan is required to meet condition E46 of the state significant infrastructure approval (SSI 9737). Condition E46 further requires that "*Should remediation be required to make land suitable for the final intended land use […], a Remediation Action Plan must be prepared. […]an Interim Audit Advice or a Section B Site Audit Statement from a NSW EPA accredited Site Auditor that certifies that the Remediation Action Plan is appropriate and that the site can be made suitable for the proposed use*" should also be provided the Planning Secretary.

JHSWJV has engaged Kylie Lloyd from Geosyntec Consultants Pty Ltd (Geosyntec) as the NSW EPA Contaminated Site Auditor to satisfy the requirement of the infrastructure approval. This RAP has been prepared to provide the Site Auditor with details of the remediation, management and validation methodologies which will be applied within the auditable area for identified contamination.

1.3 REMEDIATION REQUIREMENTS

In July 2000, the NSW EPA declared the former Tempe Tip site a Remediation Site (declaration 21005) under section 21 of the CLM Act due to leachate migrating off-site towards Alexandra Canal. In March 2001, the EPA issued a Remediation Order (order 23003) to Marrickville Council under Section 23 of the CLM Act. The Order required that a Remedial Action Plan (RAP) be prepared to address the contaminant migration into Alexandra Canal and that a Site Auditor review the RAP. Marrickville Council subsequently entered into a voluntary remediation proposal (VRP) with the EPA. The VRP is still in place and requires that "the proposed remediation is to ensure that the water quality of Alexandra Canal is not adversely impacted by leachate originating from the site".

A number of Site Audit reports summarise the findings of previous investigations undertaken between 1998 and 2007:

- Environ, 2001 "Tempe Tip Site Audit Report GN35 – Remedial Action Plan Tempe Lands, Tempe"
- Environ, 2004 "Tempe Tip Site Audit Report GN35B – Tempe Lands Remediation Project Appropriateness of Detailed Design"
- Environ, 2005 "Tempe Tip Site Audit Report GN35C – Tempe Lands Remediation Project Site Validation"
- Environ, 2008 "Tempe Tip Site Audit Report GN35-2 – Validation of Remediation for Areas 4 to 11 of Tempe Lands"

A Site Audit Statement (SAS) was issued which confirmed site suitability subject to compliance with an approved Environmental Management Plan (EMP):-

- Tenix 2006 "Tempe Lands Site Environmental Management Plan for Areas 4 to 11."

The Sydney Gateway Road Project will significantly disturb the existing capping layer. As per the conditions of the SAS and EMP this triggers further works to manage the proposed ground disturbance and change in land use. This RAP has been prepared to document a methodology to mitigate unacceptable risks to identified offsite receptors as a results of the Sydney Gateway Road Project.

Specific contamination management requirements to be addressed in this RAP include:-

- Strategy for landfill capping/cover associated with the propose motorway.
- Strategy for landfill capping/cover for the proposed landscaped spoil mounds, noise mounds and spoil retention under paved carriageway.
- Strategy for landfill gas mitigation and management.
- Operation of a new leachate system for the construction phase.

1.4 SCOPE

This RAP has been prepared in accordance with NSW EPA (2020), *Consultants Reporting on Contaminated Land*. The RAP includes the following:

- A summary of the intended project development, existing site conditions and surrounding environment.
- A summary of the contamination status at the site based on historic investigations undertaken by multiple consultants.
- Identification of the contaminants of potential concern and presentation of a conceptual site model for the site.
- Identification of remediation goals, remediation options appraisal and strategy.
- Material characterisation and handling methodology and contingency plans.
- Discussion of validation requirements for all remedial works, adopted validation criteria and data quality indicators.
- Summary of required site management documentation to be implemented to address environmental risk during remediation and worker health and safety.

1.5 TECHNICAL FRAMEWORK

The RAP has been undertaken with reference to and in general accordance with the following guidance documents and regulations:

- *Contaminated Land Management (CLM) Act 1997* (NSW)
- *National Environment Protection (Assessment of Site Contamination) Measures 1999* (NEPM; as amended 2013).
- NSW Environment Protection Authority (EPA) 1995, *Contaminated Sites – Sampling Design Guidelines*.
- NSW EPA 2014, *Waste Classification Guidelines – Part 1: Classifying Waste*
- NSW EPA 2016, *Addendum to the Waste Classification Guidelines (2014) – Part 1: Classifying Waste*
- NSW EPA 2014, *Waste Classification Guidelines – Part 4: Acid Sulfate Soils*
- NSW EPA 2016, *Environmental Guidelines – Solid Waste Landfills (2nd edition)*
- NSW EPA 2017, *Guidelines for the NSW Site Auditor Scheme (3rd edition)*
- NSW EPA 2020b, *Contaminated Land Guidelines - Consultants Reporting on Contaminated Land*.

- Heads of Environment Protection Authorities of Australia and New Zealand (HEPA) 2020, *PFAS National Environment Management Plan 2.0*.
- *Protection of the Environment Operations (POEO) Act 1997* (NSW)

2 SITE IDENTIFICATION

The former Tempe Landfill is located on Inner West Council (IWC) and Sydney-Airport-owned land (SYD) in the suburb of Tempe. The former Tempe Landfill extends from Holbeach Avenue/Smith Street in the west and to the high intensity approach lighting strip of SYD in the east. The former tip extends from South Street/Smith Street in the north to Alexandra Canal in the south. The site subject of this RAP comprises a portion of the former Tempe Landfill only as presented on Figure 1 Appendix A.

General site identification details are provided in Table 2.1.

Table 2.1 General site identification details

Site name	Tempe Landfill
Site Address	2 – 4 Smith Street, Tempe 2021
Legal identification (Lot & Deposited Plan (DP) number)	The former Tempe Landfill footprint comprises: — Lots 3, 4, 5, 6, 7, 8, 9, 10 and 11 in DP 1258949; — Lot 24 in DP 1227132; — Part Lot 202 DP 1097238; — Part of Lot 101 in DP 1229588; — Part Lot 1 DP621535; — Part Lot 723 DP48012 — Lots 723 and 725 and 726 DP 48012; and — Lot 2 in DP 869306 The site comprises: — Part of lots 3, 4, 5, 6, 7, and 11 in DP1258949; — Part of lots 8, 9 and 10 in DP 1258949; — Part of lot 202 DP 1097238; — Part Lot 1 DP621535; — Part Lot 725 DP48012 — Part Lot 723 DP48012; — Part Lot 2 DP869306 — Part of Bellevue Street; and — Part Swamp Road. The approximate extent of the former Tempe Landfill as well as the auditable area boundary are presented on Figure 1, Appendix A.
Geographic coordinates (approximate centre)	Former Tempe Landfill: Latitude: -33.924245252; Longitude: 151.167194268 (GDA94) Easting: 330583.736; Northing: 6244732.373 (GDA2020, MGA56) The site: Latitude: -33.925779284; Longitude: 151.166178931 (GDA94) Easting: 330492.91; Northing: 6244560.576 (GDA2020, MGA56)

Site name	Tempe Landfill
Site Address	2 – 4 Smith Street, Tempe 2021
Site area	Former Tempe Landfill: approximately 30.5 hectares (ha) The site: approximately 10 ha
Current Owner	Former Tempe Landfill: Inner West Council and Sydney Airport The site: Inner West Council
Local government	Inner West Council
Zoning	Under the Marrickville Local Environmental Plan (LEP) 2011, the site is zoned as: — IN1 General Industrial, generally in the eastern portion of the site; — RE1 Public Recreation, in the western portion of the site; and — B6 Enterprise Corridor for a section in the north-eastern portion of the site.
Permissible Site Uses	Roads are a permissible land use with consent.
Current site use	The site is currently open space to the west (Tempe wetland and Tempe dog park) and vacant land in the remainder of the site. A Sydney desalination plant pipeline easement is also in use to the south of the site along Alexandra Canal. Up until mid-2020 the site comprised a golf driving range and container storage facilities.
Proposed site use	The site is proposed to be used for the Sydney Gateway Road Project which will comprise a two by four lanes road across the Tempe Landfill, a new freight access route to Link Road, a new landfill mound (cell), three bridges over Alexandra Canal and a leachate treatment plant. Publicly accessible land is also proposed within the site footprint post-construction (associated with an Active Transport Link).
Current surrounding land uses	North: Residential and commercial. South: Alexandra Canal and SYD beyond. West: Recreational open space and Cooks River beyond. East: SYD lighting strip, staff carpark, vacant land and Australian rail track corporation (ARTC) land and Qantas Drive beyond.
Future surrounding land uses	North: Residential, commercial and recreational open space. South: Alexandra Canal and SYD beyond. West: Recreational open space and Cooks River beyond. East: SYD lighting strip, staff carpark, vacant land and Australian rail track corporation (ARTC) land and widened Qantas Drive beyond.

2.1 PROPOSED DEVELOPMENT

Transport for NSW (TfNSW) has gained approval to deliver a high capacity road connection linking the Sydney motorway network at St Peters interchange with Sydney Airport's domestic and international terminals and the Port Botany Precinct. The Project is located on both State and Commonwealth land.

For areas on State land, the Project was declared to be critical State significant infrastructure (CSSI) under the Environmental Planning and Assessment Act 1979 (NSW) (EP&A Act) and was approved by the NSW Minister for Planning and Public Spaces on 27 August 2020.

Commonwealth approval under the Airports Act 1996 (the Airports Act) was granted by the Australian Minister for Infrastructure, Transport and Regional Development on 23 September 2020.

John Holland Seymour White Joint Venture (JHSWJV) have been contracted by Transport for New South Wales (TfNSW) for the Design and Construction of Sydney Gateway Stage 1 & Stage 3 (the Project).

The objectives of the Project are to connect Sydney Airport Terminal 1 (the International Terminal) and Terminals 2/3 (the Domestic Terminals) with each other and with the Sydney motorway network via St Peters interchange. The Project aims to facilitate the movement of traffic towards Port Botany via General Holmes Drive, and will provide three main routes for traffic:

- Between the Sydney motorway network and Terminal 1, and towards the M5 motorway and the Princes Highway.
- Between the Sydney motorway network and Terminals 2/3, and towards General Holmes Drive, Port Botany and Southern Cross Drive.
- Between Terminal 1 and Terminals 2/3.

The Project also aims to provide improved access to Sydney Airport land located on both sides of Alexandra Canal and across the Botany Rail Line. Refer to Figure 2-1 below for a general overview of the overarching development.

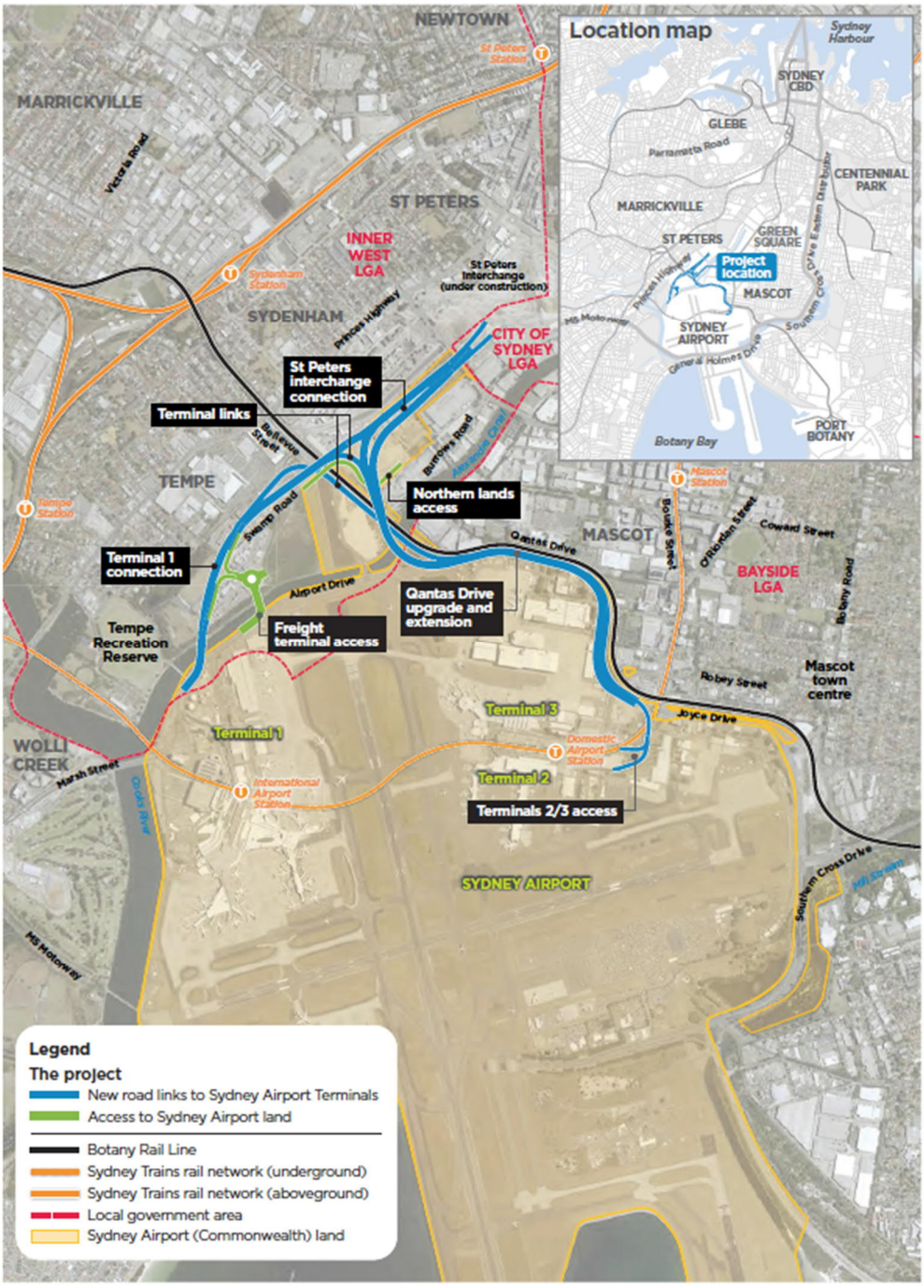


Figure 2-1 Project overview

Construction works within the former Tempe landfill will impact on the landfill cover layer and landfill waste layers and alter existing leachate and gas production and migration conditions within the former Tempe landfill. This has the potential for works to result in adverse impacts with regards to management of leachate, odour emissions and landfill gases. Descriptions of the proposed development, regulatory and end landuse context are presented in the following sections.

2.1.1 SITE DESCRIPTION

The majority of the site is currently vacant land, a small section of the site was formerly an active recreational / dog park. The auditable area is fully fenced with the main access point via a locked gate off Swamp Road, in the Eastern portion of the site. Vegetation is present around the footprint of the former Council depot located at the corner of Bellevue Street and Swamp Road to the east, within the former golf driving range, within the former Tempe dog park and on the

embankment of the retaining wall between the former Tyne container storage area and the desalination pipeline. The rest of the site's surface comprises either concrete or compacted bituminous aggregate. The site was sprayed with a dust suppressant prior to site mobilisation by JHSW. The former container storage area is generally level and flat, although large potholes were present in some areas.

An access track made of heavily compacted and hard gravel runs along the Sydney Water desalination pipeline located along the southern boundary of the auditable area. The access track runs parallel to Alexandra Canal and is generally flat. A steep, unfenced drop is present between the access track and the Canal wall.

A landfill leachate treatment plant is located outside of the auditable area to the west.

2.1.2 FORMER TEMPE LANDFILL PROJECT DEVELOPMENT

A plan showing the general development extent and auditable boundary of the site is presented in Figure 2 of Appendix A. The development works to which this RAP refers comprises the following pieces of infrastructure:

- Cut and fill activities: A degree of excavation is required to facilitate attaining the required levels for construction. The majority of excavation works will take place in the north-eastern and south-western sections of the roadway extent within the auditable area. This will require excavation of fill materials to achieve the design level in these areas. Remaining areas will require filling to achieve design levels.
- Public roadways: The public roadway comprises the Terminal 1 connection and the north-western section of the St Peters Interchange. The north-eastern extent of the roadway within the auditable boundary commences on the western boundary of Swamp Road and runs in a roughly south-westerly direction until it reaches south of the former dog park on the northern shore of the Alexandra Canal. The section of the roadway in the north-east is set within a raised embankment on both sides (i.e. it will be cut into the existing cover and underlying landfill waste).
- Freight terminal access to Sydney Airport land: This access road will be an intersection off the main public roadway and will not be publicly accessible (understood to be separated by a gate and fencing).
- Noise mounds: Where the main public roadway rises out of the embankment (in the south-western and central portions of the roadway within the auditable boundary), two noise mounds will be constructed along the roadways northern boundary to protect the commercial premises along Smith Street and the residential landuse to the north-west. It is understood that these noise mounds will fall within the extent of the auditable area (fencing proposed to exclude public access).
- Active transport link (ATL): A predominantly paved pedestrian and bicycle track will be constructed as part of the project – named the Active Transport Link (ATL). The auditable component of the ATL which is covered in this RAP extends from the parklands to the west of the site, along the northern shores of Alexandra Canal and ends at the south-western corner of the Sydney Airport landing lights. The ATL continues on from this point, however the remaining extent is not the subject of this RAP.
- Waste mound: A single mound will be constructed between the freight terminal access road, the main public roadway and the ATL. The waste mound will be constructed as a capped land rise and be used to retain on-site excavated materials which are geotechnically unsuitable for beneficial reuse. This will predominantly comprise separated construction and demolition waste and fill soils. It is understood that excavated putrescible wastes will be disposed off-site. The construction of the waste mound is discussed further elsewhere in this RAP. The waste mound will be surrounded by permanent fencing which will exclude public access.

2.1.3 LAND SUITABILITY CONTEXT

The majority of the auditable area is either extensively paved (e.g. the roadways), fenced off (e.g. the freight terminal access road, noise mounds and waste mound) or otherwise have limited public access (e.g. the ATL which is a transport corridor with at surface soil along fringes only). The limited contaminant exposure potential within these areas means that a commercial/industrial landuse has been applied to these areas when assessing suitability of capping and other surficial materials.

2.1.4 CONTEXT OF REGULATORY CONTROL

The overall Sydney Gateway Road Project lies across land which is regulated by both State and Commonwealth government bodies. The Commonwealth regulated land is associated with Sydney Airport and its buffer zones. The auditable boundary of the Former Tempe landfill remediation area lies entirely on land which is regulated by the State of New South Wales. The nearest Commonwealth regulated land to the site is the Northern Lands Carpark to the south-east of the site. The vegetated land surface to the immediate east of the auditable area is State Land leased by Sydney Airport.

For areas on State land, the Project was declared to be critical State significant infrastructure (CSSI) under the Environmental Planning and Assessment Act 1979 (NSW) (EP&A Act) and was approved by the NSW Minister for Planning and Public Spaces on 27 August 2020. With respect to the approval requirements under the EP&A Act, the EIS/MDP was exhibited by the NSW Department of Planning, Industry and Environment (DPIE) between 20 November and 19 December 2019, and submissions were received by DPIE. In response to the submissions, a response to submission report (May 2020) was prepared, which responded to submissions received during the public exhibition period.

Other regulatory licences or approvals applicable to areas on State land include:

- Environmental Protection License (EPL) under the Protection of the Environment Operations Act 1997 (PoEO Act);
- Approvals from Sydney Water for the discharge of leachate to the sewer network
- Controlled Activity Approval for intrusion into the prescribed airspace; Airports Act 1996 and the Airports (Protection of Airspace) Regulations 1996.
- State Environmental Planning Policy No 55--Remediation of Land – under the SEPP the remediation is considered category 1 remediation which requires development consent (development approved by Minister for Planning and Public Spaces).
- Protection of the Environment Operations Act 1997 (POEO Act) - for transportation, treatment, and disposal of waste.
- Work Health and Safety Regulation 2017 under the Work Health and Safety Act 2011
- Water Management Act 2000 No 92 - for undertaking controlled activity on waterfront land.

Portions of the remediation works will involve the removal of asbestos contaminated soils. Wherever asbestos removal works are scheduled, a notification to SafeWork NSW must be provided a minimum of five days in advance of the scheduled work.

2.2 PHYSICAL SETTING

2.2.1 TOPOGRAPHY AND HYDROLOGY

The general area of the former Tempe landfill is located in a highly disturbed landscape featuring industrial, commercial and transport related activities and development. The topography of the site is generally flat across most of the tip (former container storage, Tempe dog park and former Tempe golf driving range) with steep embankments sloping towards Alexandra Canal in the South with elevations ranging from approximately 4 to 18 mAHD. The area located between Swamp Road and Alexandra Canal slopes to the south towards Alexandra Canal. The north east corner of the site slopes downwards towards Swamp Road / Bellevue St from approximately 6.5 mAHD to 3.5mAHD.

2.2.2 GEOLOGY AND SOILS

2.2.2.1 REGIONAL GEOLOGY

The Sydney Gateway Road Project is located within the Permo-Triassic Sydney Basin, a sedimentary basin extending both onshore (~36,000 m^2) and offshore (~24,000 m^2) to the east. The basin is made of 4,500 m of clastic sediments underlain by Lachlan Fold Belt and Late Carboniferous volcanoclastic sediments (Alder et al., 1998). The Permo-Triassic sedimentary deposits are overlain by Quaternary deposits and manmade fill within the Sydney Gateway Road Project (Brunker and Rose, 1969).

2.2.2.2 TEMPE LANDFILL GEOLOGY

The 1:100,000 Sydney Region Geological map issued by the Department of Mineral Resources and Energy (1991) indicates that Tempe landfill is underlain by Holocene swamp deposits (Quaternary-aged peat, sandy peat and mud deposits, Qhs). This unit was deposited through fluvial processes in freshwater swamps during the Holocene. The soil profile within Tempe landfill was heavily disturbed as part of its operation as a quarry and landfill.

2.2.2.3 ACID SULFATE SOILS

Acid sulfate soils or sediments (ASS) are naturally occurring soils and sediments containing iron sulfides typically found in estuarine, low lying environments up to 10 mAHD and generally consist of clays and sands containing pyritic material. They can also be found in flood plains and swamps.

The CSIRO Australian Soil Resource Information System (ASRIS) indicates that the Tempe landfill footprint is in a low probability of ASS occurrence (confidence unknown).

The ASS risk map for Botany Bay published by the Department of Land and Water Conservation (1997) indicates that the Tempe landfill footprint is located in disturbed terrain. Disturbed terrains need to be further assessed to establish the presence of ASS. The ASS risk maps are used to derive planning maps presented in the Marrickville LEP (2011). Tempe landfill is located on Class 2 land. The Marrickville LEP requires an ASS management plan (ASSMP) to be developed for works below the natural ground surface and/or works which are likely to lower the water table. With the exception of the north-eastern portion of the former tip, excavation and/or disturbance works (maximum depth of 7.48 mBGL) will not extend to natural material. In addition, no impact to the water table is foreseeable during pre-works. Excavated ASS will not be used on site for beneficial re-use.

2.2.3 HYDROGEOLOGY

Two main natural groundwater systems are present under Tempe landfill and the general Sydney Gateway Road Project area: the Botany Bay Sands Aquifer as well as a deeper and confined aquifer within Triassic Hawkesbury Sandstone.

The Botany Sands aquifer is considered to be a high permeability aquifer with groundwater flowing towards the nearest rivers and tributaries and ultimately into Botany Bay. Groundwater at Tempe landfill has previously been found to flow towards Alexandra Canal. A barrier wall and leachate collection system were installed previously (Coffey 2003) along the southern, eastern and western boundaries of the Tempe landfill to reduce leachate migration into Alexandra Canal.

During recent investigations undertaken in Tempe landfill (AECOM, 2019, Golder | Douglas Partners JV 2020b), groundwater was encountered across the flat areas of the tip at approximate depths of 5 metres below ground level (mBGL) to 15 mBGL. In addition, groundwater levels along the bentonite perimeter wall installed along the low point of the slopes generally ranged between 2 mBGL to 3 mBGL (inside the wall) and 1 mBGL to 2 mBGL (outside the wall) over 2018-2019. The corresponding groundwater elevation generally ranged from 0.5 mAHD to 1.5 mAHD (inside the wall) and -0.8 mAHD to 0.8 mAHD (outside the wall).

2.3 SITE HISTORY REVIEW

The footprint of the former Tempe landfill was a natural shale quarry and brick and rubble disposal pit in late 1800's and early 1900's. Following completion of quarrying activities, the site began being used as a Council landfill from 1910 to the mid 1970's. The site received waste from a wide range of sources, accepting domestic refuse, industrial waste, liquids and hazardous waste, and general council waste. These uncontrolled filling activities are referred to as "Stage 1 filling" activities in the site audit summary reports prepared by Environ Australia Pty Ltd (Environ) in 2004, 2005 and 2008 (Environ 2004, Environ 2005 and Environ 2008).

"Stage 2 filling" as defined in the Environ site audit summary reports (Environ 2004, Environ 2005 and Environ 2008) was undertaken from 1972 and reportedly comprised solely council works waste (e.g. demolition waste from council building maintenance and road upgrades and construction as well as green waste and council clean-up waste). In the early 1990's, Tempe landfill was mainly filled with "hard clean" material (also referred to as "inert fill" in some of the reports). However, some reports also refer to waste materials from the airport terminal extension (fill) and the Bunnerong Power Station (ash) to have been imported to Tempe landfill between 1990 and 2004. Most landfilling operations are reported to have ceased in the 1990's. The original Tempe landfill footprint is provided in Appendix A - Figure 2 (the polygon highlighted in orange).

The NSW EPA declared the former Tempe Landfill a "Remediation Site" under section 21 of the CLM Act (declaration 21005) in August 2000. The declaration was due to leachate migrating off-site towards Alexandra Canal. In March 2001, the NSW EPA issued a Remediation Order (order 23003) to Marrickville Council under Section 23 of the CLM Act. Marrickville Council subsequently (in 2003) entered into a voluntary remediation agreement (VRA 26050) with the NSW EPA. The VRP is still in place and its objective is to ensure that the proposed remediation ensures that leachate originating from the site does not adversely affect water quality in Alexandra Canal.

As a result of the Order, a RAP was prepared (Coffey, 2003) and a bentonite cut-off wall was constructed in 2004 along the southern, eastern and western boundaries of the former tip to prevent leachate migrating into Alexandra Canal (Coffey Geosciences, 2005). A leachate collection system and treatment system were also installed to treat leachate before discharge and is currently managed by the Inner West Council (formerly Marrickville Council). The principal requirement of the bentonite cut-off wall was to ensure that permeability was low enough to prevent leachate entering Alexandra Canal and ensure that no defects would allow significant leakage. The validation report for the bentonite cut-off wall advised that the wall was installed down to an average depth of -10 mAHD (range: -4.0m to -12.0m AHD), although it was unknown whether this depth reached impenetrable rock along the entire wall. Various surveys of the bentonite wall identified that the height of the wall was more varied than expected.

Between 2004 and 2006, the site surface was regraded and capped to provide a barrier between human receptors and the waste mass. According to the RAP (Coffey, 2003), capping was to consist of 0.5 m of compacted virgin excavated natural material (VENM) as defined in the *POEO Act 1997*. Environ reported that some deviations from the RAP had occurred but that the capping layer generally comprised inert waste (from site, concrete, sandstone, etc) for bulk filling and VENM (from 47 different sources) overlain by either bitumen/asphalt or topsoil to support grass and other vegetation cover (Environ, 2008). The cap composition and thickness varied between areas of Tempe Tip based on the expected end use and landform. The constructed wetland basins of the Tempe Wetlands were lined with clay and no further capping was undertaken. In other parts of the former Tempe Tip actual cap thicknesses installed ranged from 0.2 m (under Swamp Road) to 1 m (former golf driving range). The site audit report concluded that the cap was adequate under the current land use and that there was "adequate documentation to indicate that the material was consistent with VENM" (Environ, 2008).

In late 2004, Coffey conducted an assessment for 8,000 m^3 of recycled asphalt profilings proposed to be reused for surfacing within a portion of the former Tempe Tip (Coffey, 2004). Elevated benzo(a)pyrene and total PAH concentrations were detected in all samples of the recycled material (exceeding human health criteria). Phenol analysis was conducted on ten samples, with concentrations detected in two samples (maximum concentration 0.5 mg/kg)

indicating that phenol was not a contaminant of concern for future re-use. Coffey reported that the recycled material contained both coal tar derived bitumen and asphaltic bitumen (petroleum derived bitumen). WSP note however that the laboratory analysis was not conclusive in this regard. Due to elevated PAH concentrations, the material was recommended to be stabilised prior to being applied on site. In addition, Coffey recommended that 'adequate regular' maintenance be undertaken to maintain human health and ecological risks to acceptable levels and for those requirements to be outlined in the operational site management plan. The site audit report also requested for a management and monitoring program to be put in place to manage human health exposure from the material. Survey drawings confirming the placement of the material were not provided to the Auditor. Coffey informed the Auditor that placement of the asphalt profilings had been restricted to the container storage area that is commercial /industrial land.

3 PREVIOUS ASSESSMENT SUMMARY

A brief summary of the contamination status of Tempe landfill was prepared by the WSP |GHD S2G Joint Venture in 2019 as part of the environmental impact statement (EIS) for Sydney Gateway Road Project. The EIS documentation is publicly available at https://caportal.com.au/rms/sydney-gateway/documents.

Historical investigations (undertaken in the late 1990's and until 2007) predominantly targeted fill from Stage 2 filling. Contaminant concentrations in former Tempe landfill were found to be highly variable due to the heterogeneity of the waste material. Hot spots of petroleum hydrocarbons, PAHs and lead were encountered in several areas of the former Tempe landfill. Analysis for per- and poly-fluoroalkyl substances (PFAS) was not part of the analytical suite of historical reports.

Groundwater within Tempe landfill consists of leachate generated by rainfall infiltration, groundwater migration and waste decomposition. Groundwater has previously been observed within fill material and residual soils at depths ranging from 0.8 metres below ground level (mBGL) to 15.4 mBGL (Coffey, 2003). Coffey has noted that the groundwater flows in the project area are likely complex and affected by the permeability of the fill material. However, leachate is expected to generally migrate towards Alexandra Canal to the south. As part of the VRA, groundwater monitoring was undertaken inside and outside the cut-off wall. Leachate was found to be impacted mainly by metals and ammonia and to be suitably intercepted and treated in accordance with the VRA.

As part of the preparation of this RAP, the following recent investigation reports were reviewed and are summarised in this section:

- AECOM 2018, *Sediment Investigation, Gateway, Alexandria Canal*
- AECOM 2019a, *Sydney Gateway Project – Stage 2 investigation, soil contamination data report*
- AECOM 2019b, *Sydney Gateway Project – Groundwater and Landfill Gas data report, December 2018 to August 2019*
- AECOM 2020, *Monthly Surface Water Monitoring Reports*
- Tetra Tech April 2021, *Landfill Gas Monitoring Results Update, March 2021 – Gateway Project*
- Tetra Tech May 2021, *Landfill Gas Monitoring Results Update, April 2021 – Gateway Project*
- Golder | Douglas Partners JV 2019a, *Sydney Gateway Project – Canal north geotechnical investigation – interim report for investigation completed to 6th December 2019*
- Golder | Douglas Partners JV 2019c, *Sydney Gateway geotechnical investigations (Canal North) – Groundwater monitoring factual report 2*
- Golder | Douglas Partners JV 2019d, *Sydney Gateway geotechnical investigations (Canal North) – Contamination Factual report*
- Golder | Douglas Partners JV 2020a, *Sydney Gateway geotechnical investigations (Canal North) – Groundwater monitoring factual report 3*
- Golder | Douglas Partners JV 2020b, *Sydney Gateway geotechnical investigations (Canal North) – Groundwater monitoring factual report 4*
- Golder | Douglas Partners JV 2020a, *Sydney Gateway geotechnical investigations (Canal North) – Groundwater monitoring factual report 5*
- Golder | Douglas Partners JV 2020b, *Sydney Gateway geotechnical investigations (Canal North) – Groundwater monitoring factual report 6*

— Golder | Douglas Partners JV 2019b, *Sydney Gateway geotechnical investigations (Canal North) – Groundwater monitoring factual report 1*

— Uminex 2018, *Re: Landfill Gas Monitoring at the Former Tempe Lands – January 2018*

— WSP 2021A, *Landfill Gas Risk Assessment, Former Tempe Tip – Sydney Gateway Project*

— WSP 2021B, *Sydney Gateway Road Project, Tempe Tip Work Area: Contamination Investigation Report*

3.1 REPORTS PROVIDED BY TFNSW

3.1.1 AECOM (2018)

Sediment and surface water investigations were undertaken by AECOM in 2018 at eight locations along Alexandra Canal and the Cooks River. Sediment samples were tested for a broad suite of contaminants including:

— total recoverable hydrocarbons (TRH);

— benzene, toluene, ethylbenzene and xylenes (BTEX);

— polycyclic aromatic hydrocarbons (PAHs);

— organochlorine and organophosphorus pesticides (OCPs and OPPs);

— polychlorinated biphenyls (PCBs);

— volatile organic compounds (VOCs);

— heavy metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc);

— asbestos;

— acid sulfate soil screening;

— dioxins and furans; and

— PFAS.

Elutriate testing was performed for ammonia, heavy metals, PAHs, Phenols, OCP and PCB to assess the amount of contaminants that could potentially be released from the sediments during dredging and disposal of the sediments.

Observations of potential contamination were recorded during the sediment sampling, with hydrocarbon odours recorded at most locations ranging in intensity from moderate to strong. A hydrocarbon sheen was also recorded at seven of the locations. Surface water was observed to be clear with no turbidity and no odour noted at any of the locations.

Concentrations of metals, TPH, PAH, PCBs and pesticides in sediment exceeded the ecological criteria selected by AECOM for these investigations. Asbestos was detected in most of the sediment samples collected. PFAS compounds were detected above the laboratory limit of reporting, however concentrations were below the guideline values adopted by AECOM. Organotin compounds including tributyltin, monobutyltin and dibutyltin were detected above the laboratory limit of reporting. The action criteria for acid sulfate soils was exceeded at most locations.

The following summarises the elutriate and surface water analytical results following comparison to 95 per cent marine water trigger levels adopted by AECOM:

— Hydrocarbons, pesticides, phenols and volatile and semi-volatile organic compounds and PCBs were not detected in any of the samples

— Elutriate results for ammonia, lead and zinc exceeded the ecological marine criteria

— Concentrations of zinc exceeding the ecological marine criteria were reported in almost all water samples

— PFAS compounds were detected in all surface water samples (from standard analysis). All PFOS and PFOA concentrations were below the 95 per cent marine water trigger levels. TOPA analysis reported PFAS concentrations below the laboratory limit of reporting (0.01-0.05 µg/L) at all locations.

3.1.2 AECOM (2019A)

Soil, groundwater and landfill gas investigations were undertaken by AECOM between November 2018 and August 2019.

Over 200 soil samples were collected from 18 locations within the site during the combined geotechnical and contamination investigations undertaken by AECOM between November 2018 and March 2019. Soil samples were tested for a broad suite of contaminants including:

— TRH;

— BTEX;

— PAHs;

— OCPs and OPPs;

— PCBs;

— total phenolics;

— VOCs;

— volatile halogenated hydrocarbons (VHCs);

— heavy metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc);

— asbestos;

— PFAS including total oxidisable precursor assay (TOPA);

— Acid sulfate soils screening;

— nutrients (total nitrogen, nitrate/nitrite, total phosphorus); and

— additional heavy metals (aluminium, barium, cobalt, manganese).

Heavy metals were detected in all soil samples. The lead concentrations exceeded the NEPM health-based criteria for commercial workers and/or recreational users at approximately a dozen locations. Exceedances were detected in both Stage 1 and Stage 2 filling horizons. TRH fractions were detected in most samples and exceeded NEPM ecological screening levels at ten locations. Concentrations of hydrocarbons also exceeded the NEPM petroleum management limits at six locations. PAHs were detected in approximately 75 per cent of the samples collected. Benzo(a)pyrene was detected at concentrations exceeding the NEPM ecological screening levels at multiple locations across several horizons.

Benzo(a)pyrene toxicity equivalent quotient (TEQ) exceeded the NEPM human health criteria for recreational users and/or commercial workers at eleven locations. The total PAH concentration exceeded the NEPM human health criteria for recreational users in one location only. OCPs and PCBs were detected in less than 5 per cent of the samples. The total PCB concentration in eleven samples exceeded the NEPM human health criteria for recreational users and/or commercial workers. Halogenated benzenes were detected at low concentrations in five samples, AECOM recorded that concentrations were below the USEPA regional screening levels (RSLs) industrial soil THQ-1. A small subset of samples were tested for the presence of PFAS compounds. Low levels of PFAS compounds were detected in most soil samples. All PFAS concentrations were below the PFAS NEMP health criteria for recreational users and commercial workers. Phenols, phenolic compounds, halogenated phenols, chlorinated hydrocarbons, solvents or OPPs were not detected in any of the soil samples collected within the site.

Acid sulfate soil screening and testing was undertaken at selected location across the former Tempe landfill. Results indicated that acid sulfate soils were present in natural material in the north-eastern portion of Tempe landfill (SG-BHTT004 and SG-EH-114). No acid sulfate soil testing was undertaken within the waste mass during these investigations with the exception of three samples collected from SG-BHTT-06. Results did not indicate the presence of acid sulfate material in the waste mass. Alluvial material was encountered in borehole SG-BHTT-06 from depths greater than 14 mBGL. One sample was tested for ASS. The results are believed to have been incorrectly tabulated as there was a significant presence of chromium reducible sulfur and net acidity present in the sample (requiring a liming rate of 30 kg of lime/tonne) but net acidity results are reported below the laboratory LOR. Elevated contaminant concentrations were encountered across the site and at varying depth which is consistent with the nature of the fill material and the results of historical investigations.

3.1.3 AECOM (2019B)

Eleven new groundwater monitoring wells were installed within the vicinity of Tempe landfill during the combined geotechnical and contamination investigations (AECOM, 2019a). Monthly groundwater sampling of approximately 36 groundwater wells was undertaken between December 2018 and August 2019. Monitoring included sampling of existing wells along the Tempe landfill bentonite cut-off-wall (inside and outside of the cut-off wall, wells installed by Coffey in 2005).

Groundwater samples were analysed for a broad suite of contaminants, including:

- TRH;
- BTEX;
- PAHs;
- OCPs and OPPs;
- PCBs;
- total phenolics;
- dioxins;
- VOCs;
- VHCs;
- dissolved methane;
- dissolved metals (aluminium, arsenic, barium, cadmium, chromium, cobalt, copper, lead, manganese, mercury, nickel and zinc);
- PFAS and TOPA PFAS;
- nutrients (ammonia, total nitrogen, nitrate / nitrite, total phosphorus); and
- major cations and anions and other various water quality parameters.

Ammonia concentrations were generally elevated and exceeded the ecological criteria in all wells inside and outside the cut-off wall. Aluminium, cadmium, copper, lead, nickel and/or zinc exceeded ecological criteria in six wells (MPE_5A, MPI_15, BHTT-03, GW7, GW23d and GW28A).

PAHs were generally not detected above the laboratory limit of reporting (LOR) with the exception of the north-eastern (SG-BHTT-03 and GW23d) and south-western (GW28A) portion of Tempe landfill. Dissolved hydrocarbons were detected during at least one monitoring round in most wells sampled. Concentrations were generally low. PAHs were detected in six wells at concentrations below the assessment criteria. Low concentrations of phenols were detected in three wells (GW7, GW23d and MPI_2). OCPs were only detected in two wells (GW8 and GW9). Halogenated benzenes and/or some monoaromatic hydrocarbons were detected in samples from eight wells at concentrations below the

ecological criteria (where available). OPPs, PCBs, VOCs and chlorinated hydrocarbons were not detected in any of the samples. PFAS compounds were detected in all groundwater samples; concentrations ranged from marginally above the laboratory limit of reporting (e.g. 0.001 ug/L) to three orders of magnitude above the limit of reporting. The highest concentrations were recorded from wells GW7, GW8, GW28A, MPI_2, MPI_3A, MPI_4A, MPI_5 and MPI_6A located inside the cut-off wall and 34_TL3 and MPE_4 located outside the cut-off wall.

The results obtained during these investigations indicated that ammonia and metals were the primary contaminants in groundwater inside and immediately surrounding the landfill and that hotspots of PAHs were also present. In addition, the ubiquitous nature of PFAS compounds in the former landfill indicated that they were also a contaminant of concern for former Tempe landfill.

Fourteen landfill gas monitoring wells were installed as part of the combined geotechnical and contamination investigations (AECOM, 2019a). Landfill gas monitoring was undertaken between once and three times for each well between January and October 2019. Concentrations of methane, carbon dioxide, oxygen, hydrogen sulfide, carbon monoxide and VOCs were measured during monitoring.

Positive flow rates ranging from 0.1 to 0.9 L/hour were detected in all but two wells (GW8s and SG-BH-101sv) although the flow rates were noted to be unstable with fluctuations observed within 10 second intervals. At these two locations low gas screening values (GSVs) were derived.

At two locations, no positive flow rates were detected (GW8 and SG-BH-101). For all other locations, GSVs were indicative of characteristic gas situation 2 – low risk conditions. Methane and carbon dioxide concentrations detected were relatively high and consistent with putrescible and non-putrescible waste. However, flows recorded were very low which accounted for the low GSV values and characteristic situation recorded.

3.1.4 AECOM 2020

AECOM conducted monthly sampling the surface water within the Greater Sydney project footprint between December 2017 and January 2019 (missing February 2018 and May 2018). A summary of these reports was prepared by the WSP |GHD S2G Joint Venture in 2019 as part of the environmental impact statement (EIS) for Sydney Gateway Road Project (Technical Paper 8 – Surface Waste Quality). The EIS documentation is publicly available at https://caportal.com.au/rms/sydney-gateway/documents.

Surface water samples were tested for a broad suite of contaminants including:

- total recoverable hydrocarbons (TRH);
- benzene, toluene, ethylbenzene and xylenes (BTEX);
- polycyclic aromatic hydrocarbons (PAHs);
- organochlorine and organophosphorus pesticides (OCPs and OPPs);
- polychlorinated biphenyls (PCBs);
- volatile organic compounds (VOCs);
- heavy metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel and zinc);
- organotin compounds; and
- PFAS.

The contaminants were assessed against the ANZECC (2000) water quality objectives. These water quality objectives were determined from the environmental values and recommended trigger values in the ANZECC (2000) guidelines. The contaminants were assessed against the most stringent values.

Total nitrogen, aluminium, iron, manganese, zinc and ammonia mean, median and maximum exceed ANZECC (2000) guidelines for all sites, apart from SW5 filtered iron median and SW8 median manganese. Phosphorus mean, median and maximum exceed ANZECC (2000) guidelines value for all sites apart from medians at SW1, SW3, SW4, SW7 and SW5

mean and median. Sulphate, TDS, and chloride mean, median and maximum values are exceeded for SW1–SW8. Total suspended solids exceed guideline values for all data points apart from SW1 and SW7 medians. All maximums average field measured turbidity 80th percentiles exceed ANZECC (2000) guidelines. All copper maximums apart from SW3 exceed ANZECC (2000) guidelines. SW5 and SW8 mean copper values exceed ANZECC (2000) guidelines. All lab turbidity maximums and SW6 lab turbidity mean exceed ANZECC (2000) guidelines. In summary, sampling points within the Cooks River and Alexandra Canal (SW1–SW8) frequently exceed ANZECC (2000) guideline values for sulphate, TDS, total suspended solids, chloride total nitrogen, aluminium, iron, manganese, zinc and ammonia.

Contaminants not discussed above either do not exceed ANZECC (2000) guidelines trigger values or do not have ANZECC (2000) guidelines trigger values provided.

The target water quality objectives outlined in Technical Working Paper 8 – Surface Water was generally 80 per cent protection of marine water ecosystems for Alexandra Canal. To apply a precautionary approach for PFAS in this assessment, conservative criteria for 95 per cent protection of marine water ecosystems were considered specifically for the project. Detections of PFAS compounds including PFOS and PFOA have been recorded in sampling points within the Cooks River, Alexandra Canal and Mill Pond. Concentrations were below the PFAS NEMP (95 per cent protection) marine criteria. Detections of PFOS were recorded in up-gradient sampling points, the maximum concentrations reported were 0.0257 µg/L in SW1, 0.0133 µg/L in SW7 and 0.0325 µg/L in SW9.

3.1.5 GOLDER | DOUGLAS PARTNERS (2019A)

Thirty-five soil samples were collected from eight locations in the eastern portion of the former Tempe landfill during the combined geotechnical and contamination investigations undertaken by Golder|Douglas Partners JV between July and November 2019. Soil samples were tested for a broad suite of contaminants including TRH, BTEX, PAHs, metals, OCPs, OPPs, PCBs, phenolics, VOCs, asbestos, PFAS, and nutrients.

Asbestos was detected in the waste mass and/or in overlying fill (at 0.5 mBGL at locations SG-BH1108 and SG-BH-1111) at three of the eight locations.

Heavy metals were detected in all soil samples. The lead concentrations exceeded the NEPM health-based criteria for recreational users at two locations. Relatively low concentrations of hydrocarbon were detected in most samples but only exceeded NEPM ecological screening levels at six locations. TRH concentrations were not indicative of a potential vapour intrusion risk for commercial workers and/or intrusive workers and did not exceed the NEPM petroleum management limits. PAHs were detected in approximately 60 per cent of the samples collected. Benzo(a)pyrene was detected at concentrations exceeding the NEPM ecological screening levels at most locations across several horizons. Benzo(a)pyrene toxicity equivalent quotient (TEQ) exceeded the NEPM human health criteria for recreational users at most locations. The total PAH concentration did not exceed the NEPM human health criteria for recreational users or commercial/industrial users at any location. OCPs were generally not detected with the exception of chlordane in two samples. Halogenated benzenes, phenols, solvents and chlorinated hydrocarbons PCBs or OPPs were not detected in any of the soil samples collected within the former Tempe landfill.

Estuarine deposits comprising sand with trace shells and slight organic odours were identified below the waste mass from depths of 3 mBGL in the north-eastern portion of the former Tempe landfill (SG-BH1101, SG-BH-1107, SG-BH-1108, SG-BH-1109, SG-BH-1112, SG-BH-1113, SG-BH-1114 and SG-BH-1115). No acid sulfate soil testing was undertaken on samples from these boreholes.

Most samples were tested for the presence of PFAS compounds as well as precursors. PFAS compounds were not detected in any of the soil samples.

Contaminant concentrations were generally lower than those observed in the central and western portion of the site (AECOM, 2019a). Contaminants were detected at varying depths which is consistent with the nature of the fill material and the results of historical and AECOM investigations.

3.1.6 GOLDER | DOUGLAS PARTNERS JV (2019-2020)

Six rounds of groundwater monitoring (GWMR1 to GWMR6) were undertaken by the Golder | Douglas Partners JV between 2019 and 2020. Report 1 has not been provided for review. Reports 2 to 6 are summarised below.

Monitoring was undertaken at 26 locations within the site and included sampling of existing wells along the Tempe landfill bentonite cut-off-wall (inside and outside of the cut-off wall, wells installed by Coffey in 2005).

Groundwater samples were analysed for a broad suite of contaminants, including:

— TRH;

— BTEX;

— PAHs;

— VOCs;

— VHCs;

— dissolved methane;

— dissolved metals (aluminium, arsenic, barium, cadmium, chromium, cobalt, copper, lead, manganese, mercury, nickel and zinc);

— PFAS and TOPA PFAS;

— nutrients (ammonia, total nitrogen, nitrate / nitrite, total phosphorus); and

— major cations and anions and other various water quality parameters.

Ammonia concentrations were generally elevated and exceeded the ecological criteria in all wells inside and outside the cut-off wall. Arsenic, cadmium, copper, lead, and/or zinc exceeded ecological criteria in most wells during GWMR2 to GWMR6.

BTEX were not detected above the LOR in any wells except for GW28A and SH-BHTT03 in GWMR2, GW7, MPI_4A and SG-BH-1094 in GWMR3, MPI_4A and SG-BHTT-03 in GWMR4, GW23d and SH-BHTT03 in GWMR5. Relatively low levels of hydrocarbons (within one order of magnitude of the LOR) were detected in most wells in GWMR2. Higher TRH concentrations (between 1,500 and 3,800 µg/L) were detected in wells GW7, GW8, GW28A, SG-BHTT-03 during GWMR3 to GWMR6. PAHs were detected in approximately half of the wells and exceeded ecological criteria in well GW7, GW8, GW17d, GW28A and/or SG-BHTT-03 during GWMR2 to GWMR6.

Halogenated benzenes and/or some monoaromatic hydrocarbons were detected in GW7, MPI_2, MPI_3A, SG-BHTT-03, SH-BH-1094, MPI_2, MPI_4A, MPE_5 and/or MPE_11 at concentrations below the ecological criteria (where available) during GWMR2 to GWMR6.

PFAS compounds were detected in all groundwater samples; concentrations ranged from marginally above the laboratory limit of reporting (e.g. 0.001 µg/L) to a maximum of 0.83 µg/L of PFOS +PFHxS in GW28A during GWMR2.

The results obtained during the Golder-Douglas rounds of monitoring indicated that ammonia and metals were the primary contaminants in groundwater inside and immediately surrounding the landfill and that hotspots of PAHs were also present. In addition, the ubiquitous nature of PFAS compounds in the former landfill indicated that they were also a contaminant of concern for former Tempe landfill. WSP is however, generally of the opinion that leachate and groundwater monitoring to date has been sufficient to suitably characterise leachate and or groundwater conditions within Tempe landfill.

3.1.7 GOLDER | DOUGLAS PARTNERS JV (2019D)

Golder | Douglas Partners JV undertook surface and sub-surface landfill gas monitoring within Tempe landfill on six occasions between August 2019 and March 2020. The investigation works were factual in nature and therefore the report presented the monitoring rationale and data but not any interpretation.

Transects were undertaken with a 25 m spacing with measurements taken 5 cm from the floor surface. Areas of cracks or depression within the hardstand and utility pits were also investigated during surface gas monitoring. Surface gas monitoring indicated that methane fluxes were elevated at a number of locations along the current road alignment including within the former golf driving range, the current dog park and the north-eastern portion of the former Tyne containers terminal and Council depot. Methane concentrations exceeded 9,999 ppm (upper measurement limit) at several locations over several monitoring rounds, particularly within the former golf driving range.

Sub-surface sampling was undertaken by measuring flows and gas concentrations over a period of minimum 3 min each before and after purging one casing volume of air. Sub-surface monitoring was undertaken at 14 locations within the former Tempe landfill on six occasions. Methane concentrations ranged from 0 to 62.4% whilst carbon dioxide concentrations ranged from 0.1 to 29.8%, consistent with the presence of putrescible and non-putrescible waste within the landfill. Positive flow rates up to 8.4 L/min were recorded at several locations across multiple sampling events. The calculated gas screening values (GSVs) were indicative of characteristic gas situation (CS) 2 to 4 – low to high risk conditions. The highest CS were recorded in the northern portion of the former Tyne Containers terminal (SG-BH-104sv and SG-EH-111).

3.1.8 UMINEX (2018)

The report presented sub-surface ground gas monitoring data collected as part of the compliance works required as part of Council's Environmental Protection Licence. The report focusses on monitoring results collected on the north-western boundary of the former landfill. The report states that the regular monitoring commenced following ground gas monitoring between 2005 and 2009 which identified off-site sub-surface migration. This resulted in the installation of a passive interception trench and implementation of an ongoing well monitoring program both inside and outside the gas mitigation controls. WSP note that the location of the monitoring wells and the construction and location of the interception trench is unknown as this report does not present any relevant plans or figures.

Limited sampling undertaken by Uminex between 2016 and 2018 in the vicinity of the interception trench indicated that flow rates were generally low outside the interception trench (Uminex, 2018). As a result, calculated maximum gas screening values (GSVs) recorded outside the passive trench were generally low. GSVs reported by Uminex for 2016, 2017 and 2018 were within characteristic gas situation 2 – low risk conditions (NSW EPA 2020) both inside and outside the interception trench.

3.2 REPORTS COMMISSIONED BY JHSW

3.2.1 TETRA TECH (2021A & B)

This investigation works was undertaken to provide recent temporal gas monitoring data to inform a Landfill Gas Risk Assessment.

Tetra Tech undertook two rounds of surface and sub-surface landfill gas monitoring in March and April 2021 to assist them in the design of the gas mitigation system beneath the roadway. The works included monitoring of 27 landfill gas monitoring wells and surface gas monitoring across the accessible footprint of the former Tempe landfill.

The monitoring identified a number of elevated methane and carbon dioxide concentrations in subsurface locations as well as localised elevated methane concentrations on the surface during both rounds.

3.2.2 WSP (2021A)

This landfill gas risk assessment was undertaken to identify potential risk associated with hazardous gas to consider in the Project gas mitigation design.

The landfill gas risk assessment draws from subsurface and surface gas monitoring data, dissolved methane in groundwater data, historical documents and mapping and numerical modelling to characterise gas production and migration pathways associated with historic landfilling on and around the auditable boundary. The results presented in the risk assessment demonstrated that the landfill waste mass is still producing landfill gases (specifically methane and carbon dioxide).

Many of the surrounding landuses appear to be protected from migrating landfill gases (including IKEA, Salvation Army, Northern Land Car Park and landuse to the south of Alexandra Canal), however there is possible risk to commercial premises along Smith Street and the residential development to the north-west as well as the development (if adequate gas mitigation controls are not installed which limit the potential for altered migration regimes associated with the Project development).

The report also concludes that because the inferred source of the majority of gas generated within the waste mass is considered to be from saturated waste it is likely that any works which result in substantial lowering of the groundwater/leachate level will result in a temporary increase in gas production which could result in altered migration and emissions.

3.2.3 WSP (2021B)

The Contamination Assessment report was prepared to satisfy EP&A approval condition E44.

The report details a large fill and soil investigation carried out by WSP in 2021. The fieldwork involved drilling of 92 sonic boreholes and 66 test pits across the project area within the auditable boundary. Samples were collected from a range of depths from each location and selected samples were analysed for a range of contaminants of potential concern.

Field observations and analytical results obtained for all material encountered (i.e. surfacing cap, “historical VENM cap”, landfill mass and other fill materials), identified that the materials were generally not suitable for a recreational land use scenarios (e.g. for the ATL). This was due to widespread exceedances of human health and/or ecological criteria for PAH as well as localised exceedances of criteria for metals, hydrocarbons and PCBs. In addition, asbestos containing material was identified within the waste mass as well as in fill along the ATL which will also require appropriate management during redevelopment. In addition, minor exceedances (PAH and metals) of the commercial/industrial land use scenario criteria were recorded for all material encountered (i.e. surfacing cap, “historical VENM cap”, landfill mass and other fill materials).The report concludes that the site is not currently suitable for the proposed land use without appropriate management measures and or remediation. However, based on the proposed land-form and design of both the roadway and ATL, WSP concluded that the site can be made suitable for the proposed land use through the implementation of a remediation action plan during construction works.

3.2.4 WSP (2021C) WASTE MANAGEMENT AND CHARACTERISATION REPORT

The investigation aimed to collect contamination data to inform the material re-use, encapsulation, and disposal approach for the construction phase. The primary purpose of this investigation was not to assess site suitability following construction. As such, no leachate, groundwater or hazardous gas monitoring was undertaken as part of these investigations. The investigation objective was to investigate the soil conditions across the former Tempe Tip to provide an in-situ waste characterisation which JHSWJV will use to inform a digital material tracking tool.

The majority of the contaminants across the ~1400 primary samples met sample acceptance criteria as General solid waste, with only a narrow set of COPC exceeding criteria.

4 SITE CHARACTERISATION

4.1 GENERAL SUBSURFACE CONDITIONS

The lithology encountered across the former Tempe Tip site for the purpose of this RAP has been divided into 6 general categories; the surfacing cap, the sandstone cover, general fill material, stage 2 landfilling, stage 1 landfilling and natural alluvium. The Surfacing cap varied slightly between asphalt and turfed areas; where observed, the surfacing cap was predominantly a historical "DGB" type material. The sandstone cover comprises crushed sandstone imported as part of Coffey (2003) remediation works (Environ, 2008), and crushed sandstone is observed in general fill material. Stage 2 landfilling, as described in the Environ site audit summary reports (Environ 2004, Environ 2005 and Environ 2008), was undertaken from 1972 and reportedly comprised solely council works waste (e.g. demolition waste from council building maintenance and road upgrades and construction as well as green waste and council clean-up waste). Stage 1 filling includes a wide variety of waste materials, including household waste, liquid waste, industrial waste, hazardous waste and other unknown wastes until the early to mid-1970s. Estuarine deposits comprising sand with trace shells and slight organic odours were identified previously below the waste mass from depths of 3 mBGL in the north-eastern portion of the former Tempe Tip (Golder | Douglas Partners, 2019A).

A differing lithology comprising predominantly fill material was encountered along the ATL corridor, which is located outside the perimeter of the former Tempe landfill. WSP encountered natural materials at depths greater than 3.8m BGL (~1.1mAHD) when undertaking investigations along the ATL in structural bridge pier locations.

With the exception of the north-eastern portion of the former tip and along the ATL, excavation and disturbance works (maximum depth of 7.48 mBGL) will not extend to natural material. WSP encountered natural material at six locations (SB51 1, SB61 1, SB61 5, SB51 10, SB4142 1 and SB4142 5).

Groundwater was generally not encountered during the investigation through the waste mass; however, wet soils and inflow were noted at depths of between 1.5mBGL and 4.5mBGL in the northeast portion of the site; and at depths of between 1.3mBGL and 1.6mBGL along the ATL.

4.2 SOIL RESULTS OVERVIEW

Historical soil analytical results summary tables are provided in Appendix Bi and WSP recent soil analytical summary results (by material horizon) are provided in Appendix Bii.

Results from the WSP investigations show that the major subsurface conditions across the site are relatively consistent, with the soil being able to broken down into four broad soil horizons – surface layers, sandstone cover, stage 2 landfilling (construction and demolition waste, waste soils etc.) and stage 1 landfilling (general landfilling). Furthermore, analytical results show a level of consistency with respect to contaminants of potential concern (COPCs) between locations and across soil horizons. The data set from the initial WSP intrusive investigation, supplemented with data from the historical data set, provides sufficient data for the preliminary characterisation of the encountered soils on site. The current data set provides enough data to understand the primary contaminants of concern on-site – providing a good characterisation of the soil profiles likely to be accessed and re-used through construction activities on site.

During the current and historic in-situ investigations concentrations of BTEX, phenols, OCP, OPP, VOC, SVOC and PFAS were either below the laboratory limit of reporting (LOR) or detected below the adopted site criteria for commercial land use (HIL-D and HSL-D).

During previous and current investigations, the main COPCs detected across the site were hydrocarbons, PAHs, heavy metals, PCBs and asbestos. The current WSP investigations indicated that PAHs and heavy metals were the main COPC for all materials on site including the surfacing cap, "historical sandstone cover" and waste mass.

Concentrations of PAHs above the laboratory PQLs were ubiquitous across the site where it had been capped by the asphaltic/bituminous cover suggesting some form of leaching from the surface layers. Benzo(a)pyrene was the dominant PAH observed, with Benzo(a)pyrene TEQ calc (Zero) exceeding human health HIL-D criteria in five samples.

Exceedances of the HIL-D for lead were detected in the waste mass; however, are not considered to be widespread. A single exceedance of the HIL-D for PCBs was recorded.

Asbestos was observed in multiple locations across the site surface – arising from surficial dumping and material disturbed by activities on site. Asbestos was generally not observed exceeding site acceptance criteria in both the asphaltic cap and the sandstone cover material, however a few discrete exceedances were recorded. Based on the heterogeneous nature of filling across the site, fill material across the site has the potential to contain unidentified ACM. Asbestos containing material was found within the waste mass at a number of locations. ACM including free fibres were also detected in soil samples collected within shallow fill (0.5 mBGL) along the ATL.

A total of ten exceedances of the NEPM (2013) Management Limits for Commercial/Industrial, Coarse Soil in the C_{16}-C_{34} (F3) fraction. These exceedances were within an order of magnitude of the management limits. Further based on field observations, they are unlikely to represent a significant risk of light non-aqueous phase liquid (LNAPL), vapour or explosion risk. Of the locations which exceeded criteria no locations had an indicated sheen on soil suggestive of LNAPL or other free phase hydrocarbons, furthermore PID readings were generally low throughout these locations further suggesting that these are biased towards the longer carbon chain hydrocarbons, reducing the vapour potential under standard atmospheric conditions. Furthermore, damage to buried infrastructure is unlikely in these locations, as utilities and drainage are unlikely to be backfilled and/or encased with site won soil.

No exceedances of hydrocarbon soil vapour criteria (HSL-D) were recorded in any of the samples analysed. A single isolated exceedance of the direct contact criteria (for TRH C16-C34) was observed within the waste mass at a depth of 3 mBGL.

Numerous exceedances of the adopted site EILs and ESLs were observed in samples of all soil horizons including the “historical sandstone cover” and ATL fill material indicating the material would not be suitable to sustain ecological receptors.

4.3 GROUNDWATER RESULTS

Leachate and groundwater monitoring to date has been sufficient to suitably characterise leachate and or groundwater conditions within Tempe landfill. On-going monitoring will be undertaken by JHSW JV through the course of the construction period.

Historical groundwater investigations at the site have identified TRH, PAH, heavy metals, PFAS and nutrients in groundwater both inside and outside the bentonite leachate interception wall.

Shortly following the installation of the bentonite perimeter wall, ammonia concentrations in wells outside the perimeter wall decreased from a pre-remediation average of 89.46 mg/L (measured close to the bentonite wall location) to a post remediation average of 8.59 mg/L outside the wall (Coffey Environments, 2007). Groundwater monitoring undertaken by AECOM and Golder|Douglas Partners JV in 2018-2020 identified elevated ammonia concentrations exceeding the ecological criteria in all wells inside and outside the cut-off wall. The highest ammonia concentrations were identified in the north-eastern portion of the site (GW9, GW23d, SG-BHTT-03 and SG-BHTT-04). Generally lower ammonia concentrations were detected in wells located outside the barrier wall, although they were higher than reported shortly following the installation of the cut-off wall (Coffey, 2007). The highest ammonia concentrations recorded outside the cut-off wall were detected from wells 34_TL3 and MPE_5.

Concentrations of most metals (aluminium, arsenic, cadmium, copper, lead, nickel and/or zinc) exceeded ecological criteria in most wells on site (inside and outside the perimeter wall) during all monitoring rounds. Metal concentrations were generally lower in wells located outside the barrier wall with localised elevated zinc concentrations in exterior wells

MPE_4A and MPE_5A. These elevated concentrations might indicate a localised source of zinc in fill on the outside of the bentonite wall, unrelated to the waste mass.

PFAS compounds were detected in all groundwater samples; concentrations ranged from marginally above the laboratory limit of reporting (e.g. 0.001 µg/L) to a maximum of 0.83 µg/L of PFOS + PFHxS in GW28A in October 2019. With the exception of 34_TL3 and MPE_4, most PFOS exceedances were detected inside the cut-off wall. Concentrations in wells 34_TL3 and MPE_4 were equivalent to the nearest recorded concentrations in inner wells (i.e. MPI_4A and MPI_6A) which generally supports the fact that PFAS compound concentrations are generally lower in wells outside the perimeter walls.

PAHs were generally low and below LOR with the exception of exceedances for ecological criteria in wells installed within the waste mass (GW7, GW8, GW17d, GW28A and/or SG-BHTT-03).

Concentrations of phenols, OCP, OPP, PCB, VOCs, SVOCs, PCBs were either below the laboratory LOR or detected below the adopted site criteria in all monitoring rounds.

Dissolved hydrocarbons in the C_{10}-C_{40} range were detected during at least one monitoring round in most wells sampled. Dissolved volatile hydrocarbons including BTEX were generally below LOR. Where reported, concentrations were low and not indicative of a potential vapour intrusion risk. Concentrations of other VOC's were generally below the LOR. Chlorobenzene and 1,4-dichlorobenzene were reported in a number of wells during multiple sampling roads. Concentrations were low and not indicative of a potential vapour intrusion risk. Both chlorobenzene and 1,4-dichlorobenzene are commonly associated with the manufacture of pesticides and are likely to be a bi-product from historical pesticide use.

Groundwater monitoring undertaken by AECOM and Golder|Douglas Partners JV in 2018-2020 generally support the fact that the perimeter wall is providing some mitigation against leachate entering Alexandra Canal. Based on the exceedances of criteria for ammonia and metals in wells outside of the perimeter wall it appears that full hydraulic containment of leachate from the landfill is not being achieved by the current leachate system arrangement.

4.4 SURFACE WATER RESULTS

Monthly surface water sampling of the surface water within the Greater Sydney Gateway project footprint was conducted between December 2017 and June 2019.

Zinc, copper, lead and mercury concentrations regularly exceeded the ecological criterion (90% protection of marine species) at most locations. Ammonia concentrations in all surface water samples along Cooks River and Alexandra Canal were below the ecological criterion adopted (90% protection of marine species). Detections of PFAS compounds including PFOS and PFOA were recorded at all sampling locations, generally below ecological criteria (95% protection of marine species) at all locations.

Concentrations of contaminants identified were marginally higher upgradient of the site (SW1 and SW2) than immediately adjacent or downgradient of the site (SW4 and SW5). The results of the extensive monthly monitoring showed that the surface water quality upgradient and adjacent to the site was marginally higher and therefore significant impact from Tempe Tip into Alexandra Canal is unlikely to be occurring.

4.5 SOIL VAPOUR AND GAS

For the purpose of gas risk assessment (WSP 2021a) the site was split into the following zones for derivation of gas screening values (GSV):

— Zone A1: Monitoring wells representing the landfill side of the Marrickville Council passive ventilation trench.

— Zone A2: Monitoring wells representing the protected side of the Marrickville Council passive ventilation trench. Note that the GSV for this zone was calculated from data collected from 2016 onwards as earlier data was derived from before the installation of controls and is not representative of current conditions.

— Zone B1: The former Tempe Tip area within the Project extent covering land to the south of IKEA and the Smith Street commercial/industrial premises.

— Zone B2: The former Tempe Tip area within the Project extent covering the former golf driving range, former container storage area and dog park.

— Zone C1: The gas monitoring wells representing the boundary between the landfill and the north-western residential development (GW1 to GW7). WSP notes that during Tetra Tech's June 2021 monitoring round only GW1 (or GW1A), GW2, GW3, GW5 (or GW5A) and GW6 (or GW6A) were identified so historic data for GW4 and GW7 were used alongside the recent dataset from the remaining network.

— Zone C2: The gas monitoring wells representing the boundary between the landfill and the Smith Street commercial premises (GW8 and GW22sv). WSP notes that during Tetra Tech's June 2021 monitoring round only GW22sv (or GW22) was identified so historic data for GW8 was used alongside the recent dataset from the remaining well location.

— A potential data gap is present between gas monitoring locations GW22s and GW9

An approximate location of each of these zones is presented in Figure 4-1 below.

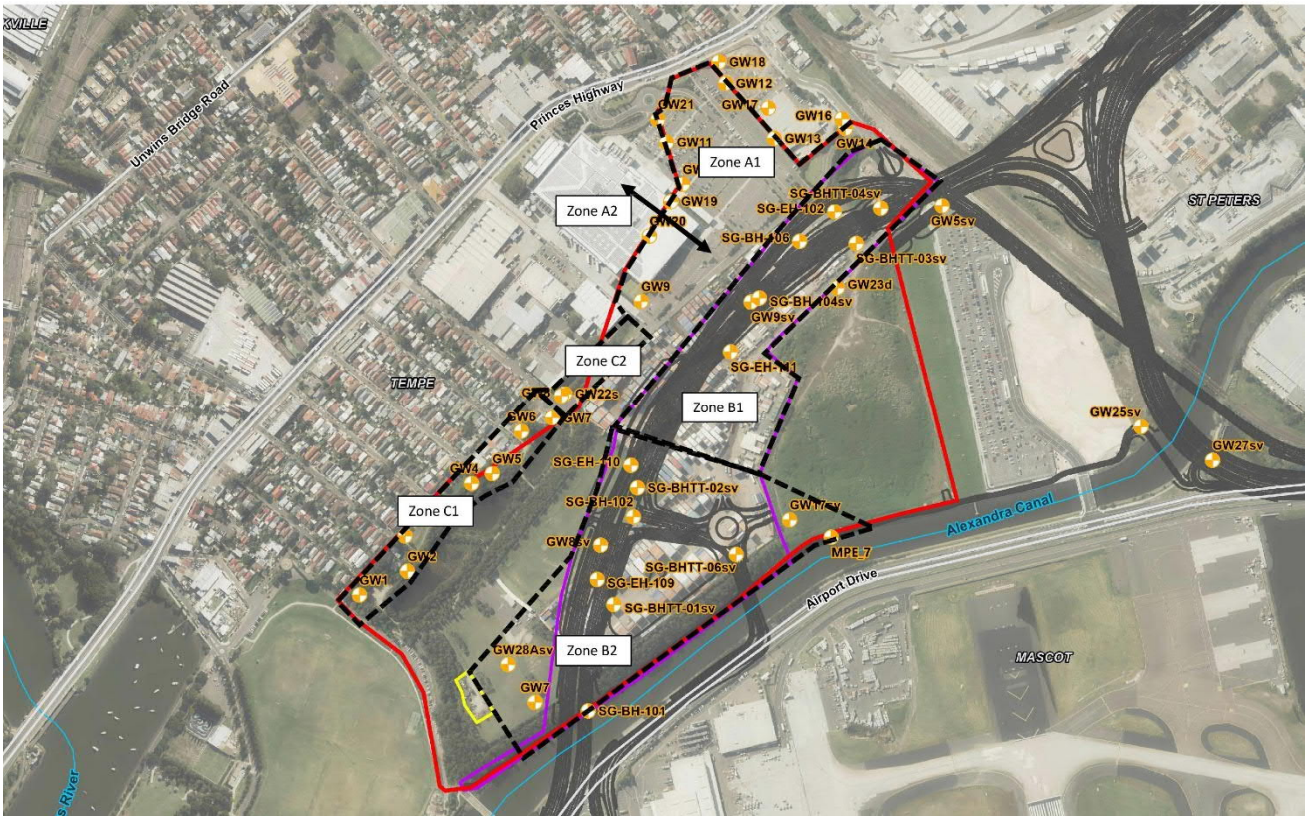


Figure 4-1 Approximate Gas Screening Value Derivation Zones

Based on the outcomes of the gas risk assessment (WSP2021a) risk classes for each zone were assigned, these risk classes are presented in Table 4.1.

Table 4.1 Gas Risk Characterisation (Modified Wilson and Card)

SCENARIO	MAX FLOW	MAX CH4	MAX CO2	GSV (CH4)	GSV (CO2)	CS	RISK CLASS
Zone A1	5.8	54.7	22.0	3.17	1.28	3	Moderate Risk
Zone A2	1.8	5.6	19.8	0.10	0.36	2	Low Risk
Zone B1	8.4	62.4	29.8	5.24	2.50	4	Moderate to High Risk
Zone B2	9.1	52.6	12.9	4.79	1.17	4	Moderate to High Risk
Zone C1	0.1	0.2	17.4	0.0002	0.02	1/2	Very Low Risk (methane) Low Risk (carbon dioxide)
Zone C2	0.9	1.9	20.6	0.02	0.19	2	Low Risk

5 CONCEPTUAL SITE MODEL

A detailed conceptual site model (CSM) is presented in this section based on information provided from the reports discussed above.

5.1 SOURCE(S)

5.1.1 CONTAMINATING ACTIVITIES

The former Tempe landfill was a natural shale quarry and brick and rubble disposal pit in the late 1800's and early 1900's. A council-operated landfill was established from approximately 1910 in the quarry pit and received a wide variety of waste materials including household waste, liquid waste, industrial waste, hazardous waste and other unknown wastes until the early to mid-1970's. In the early 1990's, Tempe landfill was mainly filled with "hard clean" material (also referred to as "inert fill" in some of the reports).

In late 2004, Coffey conducted an assessment for 8,000 m^3 of recycled asphalt profilings proposed to be reused for surfacing within a portion of the former Tempe landfill (Coffey, 2004). Elevated benzo(a)pyrene and total PAH concentrations were detected in all samples of the recycled material (exceeding human health criteria).

The site has more recently been utilised for container storage activities. Some asbestos-containing material (ACM) cement sheeting fragments were found at the surface of the site in the former Tyne Container storage area, and the intersection of Bellevue Street and Swamp Road.

5.1.2 SOIL

Numerous exceedances of the adopted site EILs and ESLs for benzo(a)pyrene, heavy metals and TRH were observed in samples of all soil horizons including the "historical sandstone cover" and ATL fill material indicating the material would not be suitable to sustain ecological receptors.

Concentrations of PAHs were ubiquitous across the site where it had been capped by the asphaltic/bituminous cover suggesting some form of leaching from the surface layers. Additional toxicity characteristic leaching procedure (TCLP) testing indicated a low leachability for PAHs.

Asbestos was observed in multiple locations across the site surface – arising from surficial dumping and material disturbed by activities on site. Asbestos was generally not observed exceeding site acceptance criteria in both the asphaltic cap and the sandstone cover material, however a few discrete exceedances were recorded. Based on the heterogeneous nature of filling across the site, fill material across the site has the potential to contain unidentified ACM. Asbestos containing material was found within the waste mass at a number of locations. ACM including free fibres were also detected in soil samples collected within shallow fill (0.5 mBGL) along the ATL.

Exceedances of the HIL-D for lead were detected in the waste mass; however, are not considered to be widespread. Additional TCLP testing indicated a moderate to high leachability for lead.

A summary of the samples (WSP 2021c) which exceeded the NEPM (2013) Management Limits and or HIL/HSL-D criteria for commercial/industrial land use are presented in Table 5.1. Tabulated results are presented in Appendix B of this document.

Table 5.1 Primary chemical contaminants of potential concern exceedances of human health criteria (WSP 2021c)

	SURFACE CAP/FILL	SANDSTONE COVER	STAGE 2 FILLING	STAGE 1 FILLING
C16-C34 (F3)	2	-	5	4

	SURFACE CAP/FILL	SANDSTONE COVER	STAGE 2 FILLING	STAGE 1 FILLING
Benzo(a)pyrene TEQ calc (Zero)	1	1	2	1
PAHs (Sum of total)	-	-	-	-
Lead	-	-	5	6
PCBs (Sum of total)	1	-	-	-

5.1.3 GROUNDWATER / LEACHATE

Historical investigations have identified TRH, PAH, heavy metals, PFAS and nutrients in groundwater both inside and outside the bentonite leachate interception wall. Groundwater monitoring identified elevated ammonia and metals (aluminium, arsenic, cadmium, copper, lead, nickel and/or zinc) concentrations exceeding the ecological criteria in all wells inside and outside the cut-off wall. PFAS compounds were detected in all groundwater samples with numerous exceedances of the ecological criteria identified, predominantly inside the cut-off wall. PAHs were generally low and below LOR in all wells with the exception of some exceedances for ecological criteria identified in some wells inside the cut-off wall. Dissolved hydrocarbons in the C_{10}-C_{40} range were detected during at least one monitoring round in most wells sampled. Dissolved volatile hydrocarbons including BTEX or VOCs were generally below LOR or very low and not indicative of a potential vapour intrusion risk.

Results across the broader Sydney Gateway Road Project indicate that the regional aquifer is slightly acidic to circum-neutral, with an average pH of 6.5 ranging from 4.2 to 8.3, typical of the Botany Sand aquifer. This is considered to be a result of natural conditions in the aquifer rather than contamination sources. The results also indicate that nutrients and metals are present in groundwater throughout the Botany Sands aquifer. The background concentrations are lower than those recorded within the auditable area, as such the primary source of nutrient contamination is considered to be biological breakdown of the landfill waste. The primary source for other contaminants is most likely leaching from the Stage 1 waste (council-operated landfill received a wide variety of waste materials including household waste, liquid waste, industrial waste, hazardous waste and other unknown wastes until the early to mid-1970's).

Investigations results generally supports the fact that the perimeter wall is mitigating against leachate entering Alexandra Canal with generally, lower ammonia, PFAS and metal concentrations detected in wells located outside the barrier wall compared to those inside the cut-off wall. However, based on the exceedances of criteria for ammonia and metals in wells outside of the perimeter wall it appears that full hydraulic containment of leachate from the landfill is not being achieved by the current leachate system arrangement.

5.1.4 SOIL VAPOUR AND GAS

Soil and or groundwater volatile concentrations were not indicative of a potential risk via the vapour intrusion pathway.

The dominant identified source of the landfill gas on the site appears to be putrescible waste which was laid down by Council between 1910 and the 1970s. Aerial photography indicates that waste was laid down initially to the south-east of the site (on the Northern Lands carpark) and then spread to the north towards the old quarry on what is now the IKEA property and to the west and south-west across the remainder of the former Tempe Tip extent. Historic maps and the 1943 historic aerial photograph demonstrate that a large proportion of the tip extent was either permanently or regularly inundated prior to filling. This indicates that a reasonable portion of the waste was laid below the watermark. This is further evidenced by the logs of deeper boreholes drilled into the waste mass which note a sizeable portion of the putrescible material being saturated.

In addition to the pre-1970s waste, Stage 2 filling (comprising fill soils and gravels mixed with construction and demolition waste) also has the potential to act as a ground gas generation source due to the presence of materials such as

timber and gypsum. However, the low volume of such material identified to date indicates that this Stage 2 material would not act as a substantial source compared to the materials deposited between 1910 and the 1970s.

In addition to the fill material on-site, degradable organic carbon within the underlying alluvial/estuarine soils and sediments has the potential to act as a gas generation source. However, due to the inferred lower volume of available degradable organic carbon in this material and the high moisture content it is expected that this material would act as a secondary ground gas source compared to the materials deposited between 1910 and the 1970s.

Surface and sub-surface gas monitoring data across the former Tempe Tip extent indicates that landfill gas is still being produced in sufficient volumes to present a risk to the Project as well as surrounding receptors (such as the Smith Street commercial premises and low density residential development to the north-west). Based upon the site history, identified moisture conditions within the waste mass and first order decay modelling it is considered that the ongoing gas production can be attributed to suppressed anaerobic degradation rates within the saturated portion of the waste mass leading to lower rates of gas production across a much longer timespan. Based upon this assessment, it is anticipated that the landfill will be producing potentially hazardous volumes of landfill gases for an extended time into the future. Additionally, any activities which lead to either temporary or permanent lowering in the groundwater/leachate level may also result in a spike in landfill gas production as moisture content in sections of the previously saturated waste mass decrease to conditions more suited to microbial degradation of organic carbon.

5.2 RECEPTORS

For a human health or environment risk to be present, there must be a complete exposure pathway between the source and receptor.

A number of potential receptors have been identified associated with the Project as well as existing surrounding land use:

- Construction workers
- Future human receptors on site:
  - road users;
  - foot travellers; and
  - construction and maintenance workers at the site following construction.
- Users of adjacent properties:
  - commercial workers;
  - construction and maintenance workers
  - recreational users;
  - residential properties to the north-west, and
  - airport users.
- Ecological receptors within Alexandra Canal and Tempe wetlands;
- Local groundwater system; and
- Ecological receptors on site within vegetated areas.

For a human health or environment risk to be present, there must be a complete exposure pathway between the source and receptor.

The site (auditable area) will comprise a new high capacity road connection, linking the Sydney motorway network at St Peters Interchange with Sydney Airport's International Terminal and a shared active transport link (pedestrian footpath and cycleway). A portion of land to the south of the road is proposed to be utilised for a new waste mound which will

incorporate surplus landfill material excavated during the road construction (proposed Tempe landfill mound). Based on the current design geometry it is unlikely that the area can be utilised for any functional open space land use.

The construction of the project will provide a new “capping” system over the landfill within the auditable area. Based on the extent of road pavement and geometry of the embankments / new landfill mound the infiltration of rainfall/surface run-off within the auditable area in the future will be reduced compared to current condition. Infiltration and leachate generation will occur across other areas of the landfill which will migrate beneath the motorway network. There will be no foreseeable access to groundwater beneath the motorway network in the future.

The shared active transport link will be publicly accessible, however the current pavement design acts as a capping layer and restricts access to public users to underlying contaminated soils. As the road and shared transport link pavements are considered a form of capping, any access to underlying contaminated soils would only be done under a commercial (e.g. maintenance) setting.

Potential sources, pathways and receptors of the identified contamination considered for both the construction and operational phases of the project are summarised in Table 5.2.

Table 5.2 Potential source-pathway-receptor summary

RECEPTOR	EXPOSURE PATHWAY	LIKELIHOOD	RISK	MITIGATION	RISK WITH MITIGATION
— foot-travellers; — users of the ATL; — construction/ maintenance workers	Ingestion or dermal contact with contaminated soil	**CONSTRUCTION** Possible for construction and maintenance workers noting that contaminant concentrations were generally below HIL/HSL/direct contact criteria for commercial /industrial site use. **OPERATION** Low for foot travellers and ATL users under the proposed land-form (including road and ATL pavement). Unlikely for construction and maintenance workers noting that contaminant concentrations were generally below HIL/HSL/direct contact criteria for commercial /industrial site use.	**Low**	**CONSTRUCTION** Workers health and safety during construction and maintenance will be managed via a workplace health and safety (WHS) management plan. **OPERATION** Capping requirements for non-paved areas are detailed in this RAP.	**Low**

RECEPTOR	EXPOSURE PATHWAY	LIKELIHOOD	RISK	MITIGATION	RISK WITH MITIGATION
— foot-travellers; — construction/maintenance workers; — offsite commercial/ residential/ recreational/ airport land users	— inhalation of airborne asbestos fibres — inhalation of soil derived dust	**CONSTRUCTION** Unlikely for construction and maintenance workers for chemical COPC noting that contaminant concentrations were generally below HIL-D and HSL-D criteria. Possible for construction and maintenance associated with asbestos contamination. Possible for offsite receptors during construction. **OPERATION** Possible for future foot travellers, ATL users and offsite receptors. under the proposed land form, (road and ATL pavement) will prevent against exposure. Possible for maintenance associated with asbestos contamination.	**Moderate**	**CONSTRUCTION** Workers health and safety during construction will be managed via the implementation of a WHS management plan Workers health and safety during construction will be managed via a WHS management plan and asbestos management plan (AMP). Safe working methods will be employed during construction including wetting of material and setting up of exclusion zones to prevent exposure. Specific measures will be detailed in the CEMP. **OPERATION** Capping requirements for non-paved areas are detailed in this RAP. Minimum landscape capping of 200mm validated clean material to be applied. Subject to a long term environmental management plan (LTEMP). Workers health and safety during maintenance will be managed via the implementation of a WHS management plan	**Low**

RECEPTOR	EXPOSURE PATHWAY	LIKELIHOOD	RISK	MITIGATION	RISK WITH MITIGATION
— construction workers;	Daylighting of groundwater or perched leachate during construction	**CONSTRUCTION** Based on design excavation levels groundwater interaction is limited (up to 400mm in the north east of the site). Construction works should represent a low to moderate risk as works would be of short duration.	**Low to Moderate**	**CONSTRUCTION** Workers health and safety during construction will be managed via a WHS management plan.	**Low**
— terrestrial ecological receptors (including plants)	Contaminated soil exposure inducing toxic effects	**OPERATION** Unlikely under the proposed land form comprising predominantly road and ATL pavement. Site soils and material are not suitable for reuse for the purpose of supporting vegetation and other ecological receptors.	**Low**	**OPERATION** Minimum landscape capping of 200mm validated clean material to be applied. Plant species have been selected that will be able to survive in the soil depths which are available, and species have been selected which will not have roots that will penetrate the capping layer or damage the capping layer.	**Low**

RECEPTOR	EXPOSURE PATHWAY	LIKELIHOOD	RISK	MITIGATION	RISK WITH MITIGATION
— Aquatic ecological receptors of Alexandra Canal	Exposure to groundwater/leachate contamination migrating from the site	**CONSTRUCTION AND OPERATION** Possible: currently being mitigated against by a bentonite barrier wall and a leachate collection system. Groundwater and/or leachate encountered during construction will be pumped into the leachate treatment plant. On-going monitoring is being undertaken by JHSW to evaluate the performance of the current leachate treatment system.	**High**	**CONSTRUCTION AND OPERATION** Cut-off wall integrity and leachate recovery system to be maintained in the state that it currently operates in during and post construction to ensure the objectives of the VRA for the former Tempe landfill are met. Service and maintenance of the current leachate capture and treatment system as per the detailed specification currently being prepared.	**Low**
— Aquatic ecological receptors of Alexandra Canal	Migration as sediment or dissolved in surface run-off	**CONSTRUCTION** Unlikely for activities inside the Cut-off wall. Possible during construction activities adjacent to Alexandra Canal.	**Moderate**	**CONSTRUCTION** Landfill, Leachate Gas and Odour Management Plan (LLGOMP) and Aquatic Sediments Management Plan	**Low**
— Aquatic ecological receptors of Alexandra Canal	Groundwater/perched leachate entering service trenches	**OPERATIONAL** Unlikely for groundwater based on elevation of the groundwater table. Possible for perched leachate.	**Moderate**	**OPERATION** New drainage infrastructure will include water-tight seal designed for a 1 in 100 year design life. All drainage/utility lines will be concrete plugged to prevent migration beyond the bentonite cut-off wall.	**Low**

RECEPTOR	EXPOSURE PATHWAY	LIKELIHOOD	RISK	MITIGATION	RISK WITH MITIGATION
— Maintenance worker	Groundwater/perched leachate entering service trenches	**OPERATION** Possible during utility maintenance works.	**Low**	To be considered in LTEMP. Workers health and safety during maintenance will be managed via a WHS management plan.	**Low**
— Groundwater Aquifer	— Vertical migration of landfill leachate	**CONSTRUCTION** Possible during CMC piling. However, based on displacement method, minimal time taken to install the tiles and gap between column centres impact is likely to be negligible. **OPERATION** Unlikely.	**Low**	**CONSTRUCTION** LLGOMP	**Low**
— Construction and maintenance workers onsite and offsite	— Ingress of soil vapours and hazardous gases into in confined spaces — Explosion of accumulated gases within confined spaces. — Asphyxiation from hazardous atmosphere	**CONSTRUCTION AND OPERATION** Unlikely for soil vapours. Soil and groundwater concentrations detected at the site to date are not indicative of an unacceptable risk to human health via the vapour intrusion pathway. Possible: with regards to hazardous gases if controls are not installed to limit ingress into pits and trenches.	**Moderate to High**	**CONSTRUCTION AND OPERATION** Gas mitigation measures detailed in this RAP.	**Low**

RECEPTOR	EXPOSURE PATHWAY	LIKELIHOOD	RISK	MITIGATION	RISK WITH MITIGATION
— Users of the Roadway	Explosion of concentrated gases through voids or along the outer edges of the roadway.	**OPERATION** Possible if a venting system is not installed during road construction (characteristic gas situation of 4 for the site indicative of moderate to high risk).	**Moderate to High**	**OPERATION** Gas mitigation measures detailed in this RAP.	**Low**
— Off-site commercial and residential premises on Smith Street	Explosion of gases migrating beneath structures and into building voids, rooms, etc.	**CONSTRUCTION AND OPERATION** Possible: proposed gas venting system outlined in this RAP will mitigate this risk.	**Moderate to High**	**CONSTRUCTION AND OPERATION** On-going monitoring is proposed during and post construction (detailed in the LLGOMP and RAP).	**Low**
— Off-site - SYD Northern Lands Car Park users — Off-site commercial premises (IKEA, Decathlon, Salvation Army)	Explosion of concentrated gases through cracks in the pavement or along the outer edges of the car park.	**CONSTRUCTION AND OPERATION** Negligible due to IKEA gas blanket, SYD northern lands gas controls and Marrickville Council venting trench acting as preferential pathway for gas migration in this area.	**Low**	**CONSTRUCTION AND OPERATION** Existing mitigation in place	**Low**

6 REMEDIAL APPROACH

6.1 DATA QUALITY OBJECTIVES

Data quality objectives as outlined in the NSW EPA (2017) *Guidelines for the NSW Site Auditor Scheme* (3rd edition) and US EPA (2000) *Guidance for the Data Quality Objective Process* are required for all remediation programs. The Data Quality Objective (DQO) process should be applied to the validation programme, as described below, to ensure that data collection activities are appropriate and achieve the project objectives. The DQO process involves seven steps as follows:

- Step 1: Identify the problem.
- Step 2: Identify the decision.
- Step 3: Identify inputs to the decision.
- Step 4: Define the study boundaries.
- Step 5: Develop a decision rule.
- Step 6: Specify limits on decision errors.
- Step 7: Optimise the design for obtaining data.

The seven DQO steps for this project are defined in Sections 5.1.1 to 5.1.7.

6.1.1 STEP 1 – STATE THE PROBLEM

The site is a former landfill and is to be partially redeveloped as a roadway and active transport link with associated infrastructure by JHSWJV. Previous investigations have identified contaminated soil, migrating landfill leachate and ground gases including methane and carbon dioxide. These contamination issues need to be appropriately remediated or mitigated to facilitate the intended future development.

The problem is how the site will be remediated / managed to address the identified potential health and environmental risks in relation to the identified contamination, and if the remediation / mitigation measures can be integrated into the development works to facilitate the end landuse.

The matters considered within the validation strategy are:

- How many soil, leachate, ground gas validation samples should be collected to validate the Site?
- What sampling design (i.e. locations, layout, frequency) should be used to achieve the DQOs?
- How is performance of engineering protection of potential receptors going to be validated?
- What other validation is required (i.e. visual assessment) to validate the remediation strategy)?
- Are additional subsurface investigations required to reduce risk of unexpected finds?

6.1.2 STEP 2 – IDENTIFY THE DECISION

The aim of the validation program is to collect sufficient data to verify that the remediation has been carried out satisfactorily.

The decision to be made is whether the remediation has made the Site suitable for its intended uses. Questions to be answered include:

6.1.2.1 SOIL IMPACTS

- Have all identified potential contamination sources on the site been managed or mitigated?
- Has human and ecological exposure to potential contamination sources been sufficiently limited to facilitate the end landuse?
- Has risk to off-site receptors been adequately managed or mitigated as a result of the remediation works?
- Is imported material acceptable for use on the Site?
- Is spoil generated during cut and fill works suitable for beneficial reuse on the site?
- Is material earmarked for disposal within containment systems on-site of low leachability and ground gas generation potential?
- Is the spoil material to be disposed off-Site classified in accordance with waste classification guidelines?
- Have all materials disposed off-Site gone to an appropriately licensed facility under correct Waste Classification documentation?
- Have potential data gaps been addressed?
- Has all residual contamination and remaining remediation/mitigation infrastructure been appropriately captured in an operational phase environmental management plan?

6.1.2.2 GROUNDWATER/LEACHATE MITIGATION

- Has the integrity of the existing bentonite perimeter been protected during construction?
- Does the leachate collection and treatment system mitigate the flows of leachate into the canal and divert those flows to the leachate treatment system (during construction)?

6.1.2.3 LANDFILL GAS MITIGATION

- Are landfill gas related risks to users and regular maintenance workers of the motorway are within acceptable limits?
- Are landfill gases migrating offsite at unacceptable levels, via utility pipes and trenches installed as a part of the motorway?
- Do landfill gases pose an explosive risk to motorway assets?

6.1.3 STEP 3 – IDENTIFY INPUTS TO THE DECISION

The validation program should be designed to provide sufficient information to allow a sound scientific and statistical evaluation of the questions set out in Section 5.1.2. This will be achieved by:

- Information relating to the proposed development including concept design, detailed design drawings, technical specifications, programme staging, etc.
- Information relating to historical contaminating activities on and around the auditable area (e.g. historic maps and aerial photographs).
- Available mapping (e.g. topography, geology, soil), and regulatory databases.
- Field data collected from historical investigations on and around the site (e.g. borehole and test pit logs, field observations, photographic evidence, photo-ionisation detector results, surface and sub-surface gas monitoring results, etc.).
- Results of laboratory analysis of samples collected from multiple media (such as soil, waste and groundwater).

- Comparison of the analytical data to applicable guidelines to evaluate the potential for contamination to adversely impact upon human health and/or environmental receptors.
- Numerical modelling (where applicable) for better characterising hazards (e.g. first order decay modelling for ground gas).
- Statistical analysis of datasets to better characterise contaminant distribution across the site (e.g. 95% Upper Confidence Limit).
- Distribution of landuse suitability across the auditable area.
- Records of compliance of remedial infrastructure, construction to relevant detailed designs and technical specifications (including specifications for materials to be used in the construction of remedial infrastructure, inspection test plan (ITP) sign-off, inspection records and other relevant construction quality assurance (CQA) documentation).
- Long Term Environmental Management Plan (LTEMP) discussing protection from residual contamination, maintenance of existing remedial infrastructure and ongoing monitoring requirements.

6.1.4 STEP 4 – DEFINE THE SITE BOUNDARIES

The lateral boundaries of the remediation area are referred to as the "auditable area" and are discussed in Table 2.1 of this RAP. The area is outlined in Figure 2 of Appendix A. The vertical study boundary is nominated to extend to the depth of recorded landfill waste (approximately 3.5 to 16.5 m BGL).

6.1.5 STEP 5 – DEVELOP A DECISION RULE

The decisions associated with accepting data in relation to soil sampling will be assessed with reference to the chosen site investigation levels, which were established within the framework of guidelines made or approved by the NSW EPA.

If the answers to the all the questions in Section 5.1.2 are yes, then the remediation will be considered successful and the auditable area will be considered suitable for the proposed use as a roadway and active transport link with associated infrastructure.

6.1.6 STEP 6 – SPECIFY ACCEPTABLE LIMITS ON DECISION ERRORS

In general, a probability that 95% of data will satisfy the data quality indicators (DQIs) is considered acceptable for sample analytical testing, therefore a limit on the decision error will be 5% that a conclusive statement may be incorrect. The potential for significant decision errors are to be minimised by completing a robust QA/QC program and by completing a validation program that has an appropriate sampling and analytical density for the purposes of the assessment and that representative sampling is undertaken.

6.1.7 STEP 7 – OPTIMISE THE DESIGN FOR OBTAINING DATA

DQIs for completeness, comparability, representativeness, precision and accuracy should be used to optimise the design for obtaining data. The DQIs for field techniques, design compliance and laboratory analysis of collected samples identifies the acceptable level of error for the validation. Refer to Section 11.8 for DQIs applied to the remedial works on the site.

6.2 REMEDIATION OBJECTIVES

The key objectives of the works presented in this remediation action plan are to:

- Mitigate identified contamination along the extent of the Project ground disturbance works within the auditable area to facilitate the intended future use of the site as part of a roadway and active transport link.

— Mitigate identified contamination risks to surrounding landuses which may occur as a result of the future operation of the roadway.

In order to achieve these remedial objectives a number of contaminants and media will need to be managed. As such several different remedial approaches will be employed. The remedial options assessment below presents a discussion of each of these remedial approaches.

6.3 REMEDIATION OPTIONS ASSESSMENT

A RAP must assess options and remedial technologies to achieve the remediation objectives and select and justify a preferred approach, which must include the consideration of the principles of ecologically sustainable development. This section describes the outcomes from the options appraisal completed by WSP.

As identified in the above document review and CSM, several separate contamination issues have been identified which have the potential to impact upon future users of the roadway and surrounding sensitive receptors. The specific items which are required to be addressed by this RAP are as follows:

1. Historic filling resulting in contaminated soils and other wastes being present within the construction footprint. WSP note that the project team is approaching the project with a cut and fill plan which is intended to limit the amount of off-site disposal.
2. Historic landfill activities and intersection with water resulting in leachate being generated and moving towards the adjacent Alexandra Canal.
3. Historic landfill activities resulting in the ongoing generation of landfill gases (most notably methane and carbon dioxide) which have the potential to impact existing landuse around the site and the construction footprint itself.

The remediation options have been assessed based upon the likelihood of achieving the remediation objectives presented in Section 5.2 and their suitability against the remediation hierarchy presented in *National Environmental Protection (Assessment of Site Contamination) Measure 1999* (as amended 2013). This hierarchy includes the following:

— *On-site treatment of the contamination so that it is destroyed or the associated risk is reduced to an acceptable level;*

and

— *Off-site treatment of excavated soil, so that the contamination is destroyed or the associated risk is reduced to an acceptable level, after which soil is returned to the site;*

or,

— *If the above are not practicable,*

  — *Consolidation and isolation of the soil on site by containment with a properly designed barrier;*

  and

  — *Removal of contaminated material to an approved site or facility, followed, where necessary, by replacement with appropriate material;*

or,

— *Where the assessment indicates remediation would have no net environmental benefit or would have a net adverse environmental effect, implementation of an appropriate management strategy.*

When deciding which option to choose, the sustainability (environmental, economic and social) of each option should be considered, in terms of achieving an appropriate balance between the benefits and effects of undertaking the option.

The tables below present remediation options assessments for management of each of these items.

Table 6.1 Management of Contaminated Fill

MANAGEMENT APPROACH	ADVANTAGES	DISADVANTAGES	OUTCOME
1.1 – Off-site disposal of all exposed impacted material and replacement with clean fill	— Removes all accessible impact from the site. — Limits risk to future maintenance workers and landuse.	— Substantial cost of off-site disposal of large volumes of waste and replacement with clean fill (VENM or ENM) sourced from off-site. — Unnecessary impact upon available void space in New South Wales landfills. — The approach is unsustainable in the context of the remediation hierarchy in the *National Environmental Protection (Assessment of Site Contamination) Measure* as well as basic ecologically sustainable development (ESD) principles. — Ranked low on the NEPM 2013 remediation hierarchy.	Not preferred
1.2 – On-site containment of all exposed impacted material (beneath roadways, in constructed encapsulation mounds and beneath surface capping)	— Lower cost than disposing of impacted materials off-site. — The approach is more sustainable than off-site disposal options in the context of the remediation hierarchy in the *National Environmental Protection (Assessment of Site Contamination) Measure* as well as basic ESD principles.	— Requires detailed design containment systems for contaminated soils. — Geotechnical and occupational hygiene issues associated with handling of putrescible and highly contaminated waste. — Insufficient volume within the design area to accommodate all materials excavated as part of the construction program. — Remaining legacy and need to maintain separation structures which will require implementation of an environmental management plan for the operational phase of the site.	Not preferred
1.3 – Preferential on-site containment of impacted material (beneath roadways, in constructed encapsulation mounds and beneath surface capping) and off-site disposal of surplus only.	— Lower cost than disposing of impacted materials off-site. — The approach is more sustainable than off-site disposal options in the context of the remediation hierarchy in the *National Environmental Protection (Assessment of Site Contamination) Measure* as well as basic ESD principles. — The containment area is to be constructed in an area of the site that is not likely to be disturbed in the future. — The approach meets the objectives of the NEPM 2013 remediation hierarchy.	— Requires detailed design containment systems for contaminated soils. — Remaining legacy and need to maintain separation structures which will require implementation of an environmental management plan for the operational phase of the site. — Surplus materials are managed through off-site disposal as a secondary tool for managing contaminated soils.	**Preferred**

Table 6.2 Management of Leachate

MANAGEMENT APPROACH	ADVANTAGES	DISADVANTAGES	OUTCOME
2.1 – Decommission existing system	— Limited initial outlay.	— Does not meet current regulatory requirements and unlikely to get regulatory approval for the end landuse.	Not preferred

MANAGEMENT APPROACH	ADVANTAGES	DISADVANTAGES	OUTCOME
		— Will likely result in increased leachate impact to Alexandra Canal and require future retrofitted controls.	
2.2 – Repair existing cutoff wall	— Reduces the amount of fugitive emission resulting from known overtopping of the wall.	— Does not resolve the issue of reduced effectiveness of leachate treatment and discharge. — Repairs are logistically difficult and have the potential to affect surrounding infrastructure (e.g. the northern wall of Alexandra Canal)	Not preferred
2.3 – Maintain existing system and discharge capacity and with ongoing monitoring	— Lower short-term cost than service and maintenance of the existing system. — Meets the current Sydney Water Trade Waste Agreement for the system.	— Potential outlay at a later date to retrofit improvements to the system as the existing system either becomes outdated or no longer serviceable. — Less likely to meet increased demand during construction than approach 2.4 and also less likely to limit risk of "overtopping" of the cutoff wall.	**Preferred – End Use**
2.4 – Service and maintenance of new treatment system throughout construction period with ongoing monitoring	— Better accommodates anticipated increased leachate generation during construction works and reduces the potential of "overtopping" of the existing leachate cutoff wall. — Improves long term viability of the existing system so that it can continue to operate post-construction. — Meets the requirements of the Environmental Protection Licence for the site. — Minimal impact to the existing system (an increase in treatment capability) and no disturbance of the source material. — The approach meets the objectives of the NEPM 2013 remediation hierarchy. I.e. "*On-site treatment of the contamination so that it is destroyed or the associated risk is reduced to an acceptable level*".	— Additional initial cost outlay compared to other approaches. — The approach does not resolve the identified overtopping in the cutoff wall.	**Preferred - Construction**

Table 6.3 Management of Ground Gas

MANAGEMENT APPROACH	ADVANTAGES	DISADVANTAGES	OUTCOME
3.1 - Do nothing	— No cost of installation and monitoring.	— Does not monitor or mitigate identified gas issues across the site. — Does not account for potential changes to existing migration regimes associated with the development.	Not preferred

MANAGEMENT APPROACH	ADVANTAGES	DISADVANTAGES	OUTCOME
		— Exposes future site users and surrounding landuse to potential risk associated with ground gas. — Ranked low on the NEPM 2013 remediation hierarchy.	
3.2 - Ongoing monitoring program with triggers for future action in event of exceedance	— No cost of installation and low cost associated with ongoing monitoring only.	— Existing results indicate monitoring is insufficient for management of gas. — High likelihood that retrofitted systems would be required following construction requiring potential greater cost than if installed during road construction. — Exposes future site users and surrounding landuse to potential risk associated with ground gas.	Not preferred
3.3 - Impermeable membrane across roadway extent with ongoing monitoring	— Protects the road structure and underground service pits and trenches. — Minimal need to affect final road levels or over excavate to install geomembrane and protection zone compared to passive or active systems.	— Potential for alteration of existing subsurface gas migration regimes resulting in potential migration towards surrounding receptors. — Potential for migrating ground gas to divert from beneath the roadway extent and vent along the edges in greater concentrations and presenting a risk at these points. — Potential need for retrofitted gas mitigation systems in the future. — More initial cost than approaches 3.1 and 3.2.	Not preferred
3.4 - Targeted Passive ventilation system beneath roadway with ongoing monitoring	— Protects the road structure and underground service pits and trenches. — Creates a preferential pathway for gas migration and reduces risk of deleterious alteration to flow regimes for surrounding landuse. — Reduces risk to the roadway and users as gas accumulating at the base of the roadway is diverted away from potential receptors and areas where explosions can occur and vents at safe points. — The system is passive in nature and does not require ongoing input for operation (e.g. electricity supply).	— Potential impact to final roadway levels or increased requirement for excavation to allow for space for extraction system installation. — Aesthetic impact associated with passive vent points. — More initial cost than approaches 3.1, 3.2 and 3.4.	**Preferred**
3.5 - Targeted impermeable membrane (e.g. service pits) and active ventilation system beneath roadway	— Protects the road structure and underground service pits and trenches. — Creates a negative pressure which results in the system becoming a preferential pathway for gas migration and reduces risk of deleterious alteration to flow regimes for surrounding landuse.	— Potential impact to final roadway levels or increased requirement for excavation to allow for space for extraction system installation. — More initial cost than approaches 3.1 and 3.2. — Existing monitoring data do not indicate gas flows which require an active system and surrounding controls which are successfully mitigating gas risk for those landuses (e.g.	Not preferred

MANAGEMENT APPROACH	ADVANTAGES	DISADVANTAGES	OUTCOME
	— Reduces risk to the roadway and users as gas accumulating at the base of the roadway is diverted away from potential receptors and areas where explosions can occur and vents at safe points. — If applied, active flaring systems can reduce the greenhouse gas potential of venting landfill gas.	IKEA, Northern Lands Carpark), are all passive systems.	

Based upon the above assessment and in consideration of the hierarchy of remediation options set out by NEPM 2013 (as endorsed by NSW EPA), the preferred remedial approaches which will be detailed further in this RAP are:

— Preferential on-site containment of impacted material (beneath roadways, in constructed encapsulation mounds and beneath surface capping) and off-site disposal of surplus only

— Inspect, repair and clean existing system and increase discharge capacity through construction with ongoing monitoring

— Passive ventilation system beneath roadway with ongoing monitoring.

7 REMEDIATION STAGING

7.1 CONSTRUCTION SUMMARY

The remediation activities at the former Tempe landfill site will be undertaken as part of the overarching key construction activities of the Project. These activities have been derived based on the project construction environmental management plan (CEMP) as well as JHSWJV (June 2021), *Sydney Gateway Stage 1-3 Target Program – Zone 2000 Tempe Tip*. Some Project activities may be undertaken prior to construction as part of early works packages or site establishment activities, and therefore the below list is not an exhaustive list of Project activities. These early works packages and site establishment activities include activities that do not constitute 'construction'.

Construction of the Project is planned to commence in mid-2021, with a planned completion date scheduled approximately 3.5 years after commencement. According to JHSWJV (June 2021), works within the auditable area are to commence with the early works (enabling and site establishment) between June and November 2021 and the main construction phase will take place in several stages between July 2021 and September 2023. The works within the auditable area will be split between several zones which include:

- SB51 North Abutments & MC80 / MC90 Ramps up to Link Rd Intersection.
- Main Alignment MC80 / MC90 from Link Rd Intersection.
- SB41/42 West Abutments & MC80 / MC90 / MCH0 Ramps.
- Link Road Connection & SB61 North Abutment.

A description of construction activities and works relevant to the remediation on-site are presented in the table below.

Refer to Appendix F for cut/fill and staging plan.

Table 7.1 Key Construction Activities

COMPONENT	TYPICAL ACTIVITIES
Enabling Works	Low impact works including survey, investigation works, low impact utility works and other works as determined by the environmental representative (ER) to have minimal environmental impact.

COMPONENT	TYPICAL ACTIVITIES
Site Establishment	— Installing site fencing, hoarding and signage. — Installing site environment management controls, including sediment and erosion control, screening and noise attenuation. — Service, maintenance and activation of the leachate treatment plant. — Installing traffic management measures. — Establishing work areas, construction compounds and site access arrangements. — Establishing workforce parking areas. — Clearing/trimming of vegetation. — Providing services (including power and water) to construction compounds and work areas. — Establishing temporary road, pedestrian and cyclist diversions where required. Site establishment activities will be undertaken in accordance with the Site Establishment Management Plan (SEMP) prepared in accordance with CoA A15 until such time as the CEMP is approved. Once the CEMP is approved the Project will enter the construction phase and the site establishment phase will be concluded. Subsequently, any remaining works for the purpose of establishing the ancillary facilities will be undertaken under the approved CEMP.
Building and Structure Demolition	Removal of structures (such as structures associated with the golf driving range) listed in Table 8.1 of the EIS/MDP, which would typically include: — A hazardous material surveys. — Installing hoarding, scaffolding and protection barriers around the perimeter of the site or building. — Decommissioning/terminating existing services. — Temporary propping and/or waterproofing to ensure the structural integrity of adjacent structures (if required). — Removing materials inside structures. — Demolishing the main structure using an excavator, bobcat, cranes or other conventional methods, following a ‘top-down’ approach, with no use of explosive demolition techniques. — Removing materials from the site for recycling or disposal.

COMPONENT	TYPICAL ACTIVITIES
Earthworks	— Piling for bridge and overpass abutments. — Roadways and the active transport link, including excavation and filling to the required level. — Beneficial reuse of suitable material on-site or off-site disposal as required. — Construction of waste encapsulation mound. — Drainage infrastructure. — Retaining walls. — Utility works. — CMC Piling throughout entire roadway footprint.
Groundwater Interaction	General earthwork road cutting for the project alignment is not expected to extend below the design groundwater level. Major elements anticipated to intercept groundwater include the following: • Stormwater drainage, including: — General drainage pits (north-east corner up to 400mm below groundwater level) —Drainage pit connection into Alexandra Canal (two pits maximum depth 1.4 m below groundwater level). Note design optioneering currently on-going, options to remove requirement for integration with groundwater are being assessed — drainage pipes designed to sit above the groundwater level. Construction activities associated with Alexandra Canal connections will be undertaken in accordance with the JHSW-JV Contaminated Aquatic Sediments in Alexandra Canal Plan (no additional controls are stipulated in this RAP). Elsewhere within the site no significant interaction with groundwater is anticipated.

COMPONENT	TYPICAL ACTIVITIES
Road Construction and Widening	Road construction and widening Construction of new sections of road and upgrading/widening existing sections of road will be undertaken using conventional road construction/widening processes and will require preparatory works and road works. <u>Preparatory works</u> — Clearing any vegetation. — Removing and stockpiling topsoil. — Earthworks. — Managing contaminated material where it is encountered, including material from within the former Tempe landfill site and further construction of the waste mound. — Construction of noise mound. — Adjusting adjacent properties and accesses where required. — Piling beneath the footprint of the roadway. <u>Road works</u> — Constructing retaining walls to design levels. — Installing new or adjusting existing drainage and other utilities. — Passive gas ventilation system integrated with subsoil drainage system as per Tetra Tech design. — Constructing new pavement, including placing and compacting select fill, sub-base and asphalt wearing surface. — Installing new kerb and gutter. — Installing new concrete medians. — Finishing work, including line marking, installing safety barriers, lighting, signage and landscaping.
Bridge and Overpass Construction	Bridge structures proposed, including super-T or box girder and steel tied arch. Following construction of the bridge structures, each bridge would be fitted out with decking and road pavement, drainage scuppers, edge barriers, anti-throw and headlight glare screens (as required), lighting, signage and line marking. Construction of bridge abutments and piers would be common for all bridge types. Crane pads would potentially be required at a number of bridge work areas to ensure that material can be safely lifted.

COMPONENT	TYPICAL ACTIVITIES
Retaining Walls	— Limited excavation for foundations (use of CMC piling to reduce excavation). — Installing drainage. — Installing steelwork/formwork and concrete pouring (for cast in situ walls). — Installing precast segments and retaining straps for reinforced earth retaining walls. — Backfilling and compacting soil behind the retaining wall panels. — Installing capping or edge beams for the retaining wall panels.
Drainage	— Removing and reconstructing/altering existing pits and pipes. — Installing new pits and pipes. — Connecting new drainage infrastructure to the existing drainage network. — Constructing new drainage outlets and scour protection at Alexandra Canal.
Finishing and Post-construction Rehabilitation	— Erecting directional and other signage, and roadside furniture such as street lighting. — Landscaping and revegetation. — Site demobilisation. — Removing site fencing and construction compounds. — Rehabilitating work and construction compound areas.
Project Close Out	— Preparation of the Validation Report for Site Auditor approval. — Implementation of post-construction monitoring of the landfill gas mitigation system. — Preparation and implementation of the post-construction environmental management plan.

7.2 REMEDIATION STEPWISE PROCEDURE

An investigation aimed to collect contamination data to inform the material re-use, encapsulation, and disposal approach for the construction phase has been completed by WSP (WSP2021c). The investigation objective was to investigate the soil conditions across the former Tempe Tip to provide an in-situ waste characterisation which JHSW-JV will use to inform a digital material tracking tool

The following section provides a step wise remediation methodology associated with the movement of soil/waste material during Construction. The site management controls defined in the JHSW Construction Environmental Management Plan (CEMP) and sub-plans shall be established prior to excavation.

Tetra Tech has been engaged by JHSWJV to prepare an Exposure Control Plan (ECP) in accordance with the Sydney Gateway Occupational Health and Hygiene Management Plan (SGWPW-JHSW-NWW-PM-PLN-000706) (OHHMP) and Tetra Tech Level 1 Health Risk Assessment (L1 HRA) for the Sydney Gateway Road Project.

While the intention of this RAP is not to re-iterate HSE controls which are provided in detail in the ECP, the management and control of asbestos contaminated soils is a key item with regards to human health of workers and site users, stakeholder perception of the project and overall site validation. Management of asbestos contaminated soil will be controlled through an asbestos management plan (AMP), which is to be implemented in conjunction with the CEMP. The AMP must be prepared in accordance with SafeWork NSW Code of Practice (2019) *How To Manage and Control Asbestos in the Workplace Code of Practice*. The AMP will document asbestos removal procedures and management measures for the site, which is to be implemented by JHSWJV and adhered to by all project personnel. The following protocols should be detailed in the AMP:

- Site inductions, during which workers are to be advised on the contamination status of the site including the location, nature, type, concentration and risk associated with the asbestos present
- The location and methods of the field identification of contamination hotspots
- The occupational health and safety monitoring to be undertaken (as required by site conditions) in areas reported to contain contamination hotspots and areas outside contamination hotspots
- The occupational health and safety controls to mitigate the risks, including personal protective equipment (PPE).

The Construction earthworks will be advance in stages generally progressing from east to west across Tempe landfill. An environmental consultant is required to oversee the suitable and contaminated material stripping to assist determination of the fill/natural interface and also determine if any unexpected finds (UXF) are identified within suitable material during stripping. If UXF are encountered during stripping of suitable material, the UXF protocol should be followed as per Appendix C, and further assessment should be considered.

The following general work sequence is anticipated for the remediation and management of contaminated soils:-

Sequence 1 – Excavation and Material Relocation

1. A licensed asbestos Contractor shall be engaged to undertake an emu pick of the subject area. The surfaces will be viewed closely to detect evidence of asbestos debris or fragments to remove any visible ACM
2. Any ACM collected will be double bagged and labelled as asbestos waste with subsequent disposal to a licensed landfill facility.
3. An independent Licensed Asbestos Assessor (LAA) will conduct a post emu pick surface inspection which will be recorded in a Surface Asbestos Clearance Certificate.
4. A contamination re-use zone map[1] for the subject area will be documented by the environmental consultant which will identify soil/material that is (a) suitable for re-use within capping layer, (b) suitable for re-use below minimum 500 mm cap, (c) not suitable - requires off-site disposal or (d) suitable for conditional re-use (with re-use conditions clearly defined).
5. Where practicable, material will be moved to the final proposed on-site fill location. Alternatively, material lay-down areas to temporarily store materials from re-use categories a, b, c and d will be designated within the project boundary. Once segregated into a,b c and d stockpiles, the material can be moved directly to the final proposed on-site location (a, b or d), or disposed off-site (c). Material tracking and appropriate segregation is to be maintained so materials a, b and/or c are not inadvertently mixed..
6. Material progressively segregated based on re-use zone map for the subject area.
7. On-going validation of putrescible characteristics during excavation in accordance with Appendix E.
8. Temporary stockpiles established and recorded. Cradle to grave tracking required for multiple material movements.

[1] In accordance with WSP 2021c "*In-situ Waste Management and Characterisation Report*"

9 Any site won soil designated for re-use within the capping layers (i.e. within 500mm of proposed finished ground surface) is subject to asbestos quantification in accordance with NEPM (2013)/WA DoH (2009). Prior to placement of final capping materials, a geotextile marker layer is to be installed on top of materials to be capped.

10 Material designated for offsite disposal transported to licensed disposal facility. Waste tracking register too be maintained by JHSWJV.

11 Final placement of soil tracked and recorded by JHSWJV surveyor.

Sequence 2 Backfill and Capping

1 Environmental consultant to validate that all material moved into the subject area has been placed in accordance with the destination re-use zone map.

2 Backfilled levels surveyed.

3 Subject area capped in accordance with design specification and any material specific re-use conditions nominated by the Environmental consultant

4 Finished final ground surface surveyed.

5 Environmental consultant to validate that capping has been installed in accordance with this RAP.

8 SOIL REMEDIATION STRATEGY

8.1 MATERIALS SUITABILITY

8.1.1 IMPORTED MATERIALS

All materials to be imported onto the auditable area are required to be imported as per the procedures outlined in JHSWJV (September 2021), *Construction Waste Management Plan - EPL 21524 (CWMP*). The CWMP defines different types of materials permitted for import to the site as:

— Waste imported as Virgin Excavated Natural Material (VENM);

—

— Waste imported under a Resource Recovery Order to be used in accordance with the corresponding Resource Recovery Exemption; or.

— Waste imported under a separate EPA approval.

Materials imported to the site under the CWMP will include:

— Commercially quarried product: Commercial product not defined as a waste under the *Protection of the Environment Operations Act 1997*.

— Excavated natural material (ENM): Classified under the NSW EPA (2014), *The Excavated Natural Material Order*.

— Virgin Excavated Natural Material (VENM): Defined in NSW EPA (2014), *Waste Classification Guidelines: Part 1 – Classifying Waste*.

— Recovered Aggregate: Classified under the NSW EPA (2014), *The Recovered Aggregate Order*.

— Material subject to other NSW EPA Resource Recovery Orders.

The CMWP outlines the characterisation and validation procedure required for all imported materials. All procedures defined in the CWMP will be implemented during the remediation.

In addition to the above, any materials which are going to comprise capping or surficial materials are required to meet the site suitability criteria for the end landuse scenarios based on their location across the auditable area (refer to Figure 2 of Appendix A for distribution of end landuse and site suitability). All soil materials will be validated as per the requirements of the imported materials validation protocol outlined in the CWMP.

The on-site inspection system detailed in the CWMP will be implemented during the remediation.

Refer to section 12.3 for corresponding validation requirements for imported materials.

8.1.2 SITE-WON MATERIALS – BENEFICIAL REUSE

Depending on the end use and the quality of the material excavated, there is a potential for site-won fill to be beneficially reused on-site. To date, the potential uses of the material include capping materials, components of topsoil and pavement/roadway subgrade. Assessment of geotechnical suitability of these materials is not an objective of this RAP and will need to be assessed with reference to the detailed design and technical specifications for pavements and roadways.

Site-won materials must be chemically compliant with the criteria presented in Section 11.2 for material being beneficially reused on-site. Figure 12-1 in Section 12.2 presents a decision tree for how site-sourced materials are to be characterised and reused during the remediation works. Validation works (where required) shall be undertaken in accordance with Section 11.2 of this RAP. WSP notes that the samples collected as part of the in-situ Waste Management and Characterisation Report (WSP 2021c) will be used to establish which excavated materials can be

beneficially reused on-site. For the material identified as the "historically imported sandstone cover", quantitative NEPM Screening for asbestos was conducted which demonstrated that the "sandstone cover" is suitable for beneficial re-use from an asbestos perspective (compliant with NEPM HSL-D criteria. For material from the other horizons to be used for any purpose (other than being capped), the following is required in unpaved areas:

— Asbestos quantification must be conducted in accordance with NEPM (2013)/WA DoH (2009) by collection of 10L samples at a minimum.

— Sampling density should meet NEPM (2013)/WA DoH (2009) requirement (e.g. for stockpile it is 1 in 70m3).

Refer to section 12.2 for corresponding validation requirements for beneficial reuse material.

8.1.3 SITE-SOURCED MATERIALS – ON-SITE CONTAINMENT

Excavated materials which are geotechnically, chemically and/or aesthetically unsuitable for beneficial reuse are to preferentially be contained on-site rather than being disposed off-site (to the exclusion of materials which have been deemed putrescible). On-site containment of excavated materials may occur beneath roadways and other paved surfaces if the materials are able to be rendered geotechnically suitable or contained within the on-site waste mound or noise mound.

Site materials suitable for retention within containment comprise waste soils and solid materials such as construction and demolition wastes which are able to be safely deposited and compacted within containment zones. Waste materials will be contained on-site (unless otherwise prohibited under the site Environment Protection Licence) so long as any identified contaminants are characterised as being of sufficiently low leachability to be situated within a waste encapsulation mounds with no designated leachate collection or management system (refer to Section 10.2 for leachability criteria). All material containing observable putrescible wastes that are excavated will be disposed off-site.

Refer to section 12.1 and 12.4 for corresponding validation requirements for on-site containment of materials.

8.1.4 OFF-SITE DISPOSAL

All excavated materials which are either chemically or physically unsuitable for on-site reuse or containment, including putrescible materials, or are surplus to available on-site volume must be disposed off-site to an appropriately licensed facility. Prior to disposal all materials are to be classified against the criteria presented in Section 10.2 and are to be accompanied by waste classification documentation which is compliant with the requirements of NSW EPA (2014), *Waste Classification Guidelines* and Table 2(d) of NSW EPA (2020), *Consultants Reporting on Contaminated Land*.

All waste disposal will be undertaken in accordance with the waste tracking requirements presented in Sections 7.4 and 11.7 of this RAP. The tracking documentation for all materials disposed off-site (including disposal dockets, WasteLocate records for special waste and any other tracking documentation required under the POEO Act) are to be retained by JHSWJV and will be incorporated into the final validation report.

8.1.5 ACID SULFATE SOIL

Chromium Reducible Sulfur (CRS) analysis was undertaken on selected previous investigations locations and WSP locations where indicators of acid sulfate soils (ASS) were observed. The following locations exceeded the ASS action criteria for either mole H+/tonne or net acidity:

- SB51 1 (WSP, 2021) from 6 m deep
- SB61 5 (WSP, 2021) from 6 m deep
- SB51 10 (WSP, 2021) from 6 m deep
- SB4142 1 (WSP, 2021) from 4 m deep
- SG-BH-101 (AECOM, 2019) from 3.5 m deep
- TEA5 34 (WSP, 2021) from 8 m deep

The results indicate the presence of potential acid sulfate soils within natural materials underlying the site. At location TEA5 34, a minor exceedance of the trigger criteria was recorded within the Stage 2 and Stage 1 landfilling.

Works that will disturb ASS shall be management in accordance with the JHSWJV Acid Sulfate Soil Management Plan provided as Appendix B to the Soil and Water Management Plan.

8.2 PHYSICAL BARRIER SYSTEMS

8.2.1 ROADWAY AND ACTIVE TRANSPORT LINK PAVEMENT

Pavement types are presented in JHSWJV *Sydney Gateway – Stage 1, Zone 4000 – Subgrade and Pavements Developed Concept Design*, with detailed drawings of pavement profiles in the Tetra Tech (formerly Tetra Tech), September 2021 *Sydney Gateway – Stage 1 and 3, Landfill Capping, Gas Assessment & Monitoring Report (GT-1015)*.Final drawings captured in the Technical Specification which will be developed as an ITP once the design is approved/certified for construction. Based upon these plans there is a degree of variability in pavement design across the roadway extent. However according to Tetra Tech 2021, the main components of the cross section of the carriageway exclusive of the road shoulder generally comprise, from bottom to top:

- A general fill layer, if required (in the form of an embankment), constructed as per RMS specification R44 (only required for raised section of the motorway), with thickness dependent on the current ground levels and the finished level of the motorway. It should be noted that in some instances the general fill layer may be placed above the load transfer platform (e.g. on bridge approaches).
- A load transfer platform (600mm) supported on controlled modulus columns (CMC).
- A layer of select material zone (SMZ) (R44) (300mm) underneath the pavement.
- A road pavement comprising, a lean mix concrete subbase of varying thicknesses overlain by an asphalt base course and wearing surface.

Aside from the main roadways, the pavement of the ATL will comprise the following from bottom to top:

- Road base (DGB20) 150mm thick.
- Reinforced concrete base between 150mm to 170mm thick.
- SL82 mesh reinforcement (where required for joints only).

Refer Figure 8.1 below for ATL capping and section overview.

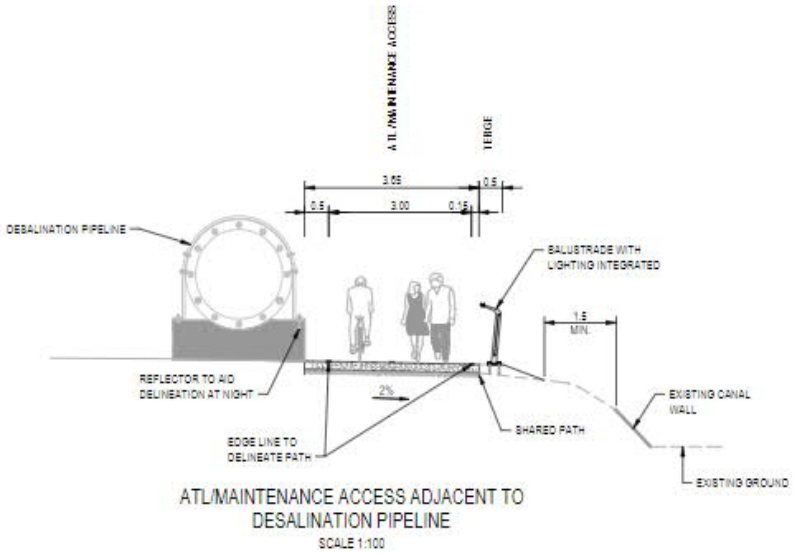


Figure 8-1 ATL Section Showing Capping Extent.

It is considered that these pavements will form an impermeable barrier to any underlying contamination and facilitate the ongoing use of the footprint of these areas as public and private roadways and pathway for foot traffic. The pavement is considered of sufficient impermeability to act as a barrier to sensitive human receptors to potentially contaminated soils of low leachability and can therefore be used as a form of permanent containment for these materials. Figure 8-2 below presents a draft summary of the generalised pavement design along with potential material types which are considered suitable to be stored beneath them.

As discussed, the overall strategy for landfill capping is to utilise the civil design where applicable to achieve the capping and gas mitigation objectives. The capping design is further discussed in Tetra Tech (September 2021), *Sydney Gateway – Stage 1 and 3, Landfill Capping, Gas Assessment & Monitoring Report (GT-1015).* The capping design objectives are achieved through the following:-

- The geotextile separation layer placed between the load transfer platform and the CMC presents a marker-like layer to delineate contaminated materials (underneath) from non-contaminated materials (above).
- The combined thickness of the load transfer platform (600mm), the SMZ (300mm) and the lean mix concrete (>175mm) would exceed 1m in thickness, representing an acceptable physical separation between the motorway users and the underlying landfill materials.
- A bitumen seal is installed on the SMZ and another bitumen seal is installed on the lean mix concrete (LMC). The LMC sandwiched with bitumen seals would present a low permeability layer capable of adequately limiting landfill gas migration through this layer and ultimately, surface emissions.
- In addition, the asphalt base course and wearing surfaces with low permeabilities, along with the proposed road gradient and drainage system would further contribute to limiting landfill gas surface emissions and limit infiltrations from surface runoff.
- Furthermore, the load transfer platform and the SMZ are considered functionally comparable with (or better than) the seal bearing layer whereas the LCM sandwiched with bitumen seals are considered functionally comparable with (or better than) the clay sealing layer outlined in Section 9 (including Section 9.3 on alternative capping) of the NSW EPA (2016). It is also considered to represent an improvement on current existing cover layer.

Refer to section 12.1, 12.4 and 12.5 for corresponding validation requirements for on-site containment of materials, which details what materials can/cannot be used within capping, and beneath capping.

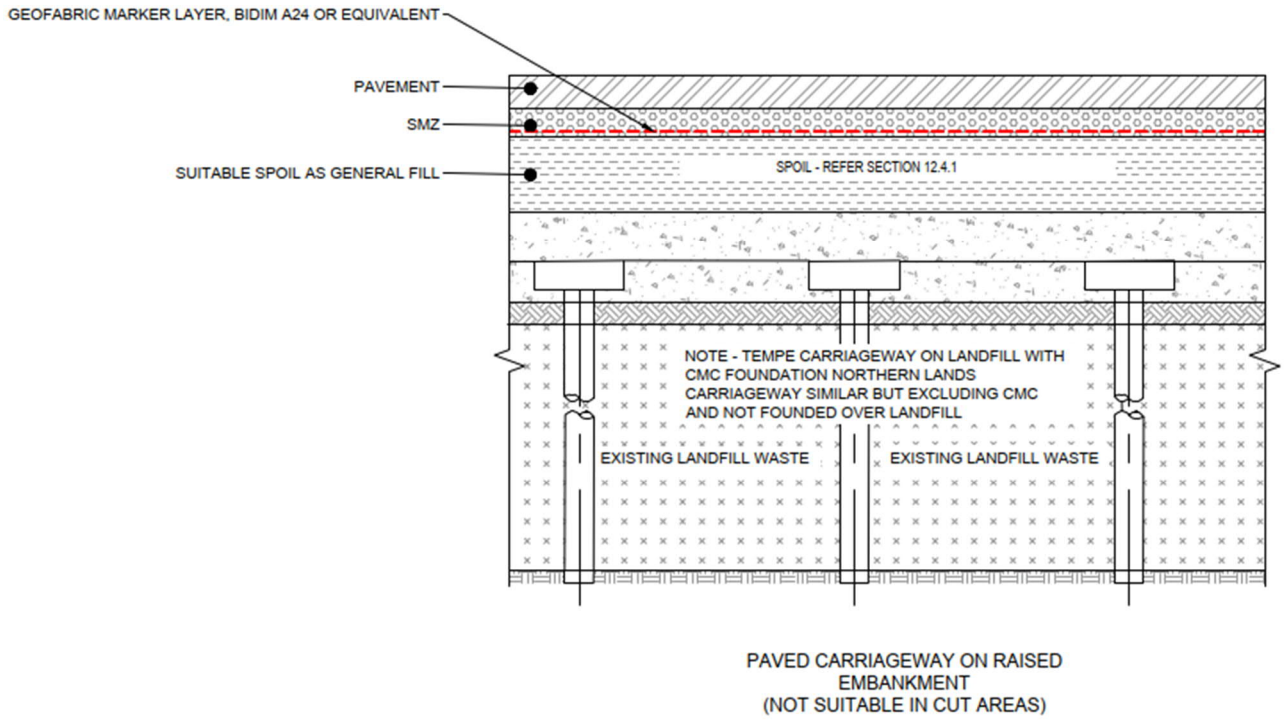


Figure 8-2 Typical Road Pavement and Material Containment (Tetra TechTetra Tech, 2021 - Draft)

8.2.2 MOTORWAY EMBANKMENT AND CUT CAPPING

The general design and construction principles for the capping to be applied along motorway cuts and embankments within the auditable area are presented in Tetra Tech (September 2021), *Sydney Gateway Stages 1 & 3 Landfill Capping, Gas Assessment & Monitoring Report*. This report presents a cap concept design. A more detailed technical specification and detailed design will be supplied by Tetra Tech to facilitate the construction and final construction quality assurance (CQA).

It is understood from Tetra Tech 2021 that the embankment of the motorway corridor extending outside the carriageway is to be landscaped and comprise topsoil over engineered general fill (to RMS specification R44). Where the motorway is cut, the profile beyond the carriageway will comprise a cover constructed on top of the cut surface. In both scenarios the final capping layer will comprise the following:

— Minimum 600mm thick clay layer (permeability $1x10^{-9}$ m/s) placed and compacted to engineers specification on top of a geotextile marker layer to distinguish underlying contaminated fill material from capping material.

— Minimum 200mm topsoil layer, finished with planting of shallow rooted plants to landscape specifications.

It is understood that the capping will extend across unpaved surfaces within the auditable area which are not covered by noise mounds or the waste encapsulation mound.

WSP note that if site-won material is identified as being both chemically and geotechnically suitable through adequate testing, this material may be beneficially reused within the capping layer.

Where site-won embankment fill is being installed above existing unpenetrated cover, new capping material on general fill within this embankment will not be required if the site-won material is identified as being chemically suitable. This applies only to areas of unpenetrated cover.

Detail of the general layout of capping construction is presented in Figures 8-3 and 8-4 below.

Refer to section 12.1, 12.4 and 12.5 for corresponding validation requirements for on-site containment of materials, which details what materials can/cannot be used within capping, and beneath capping.

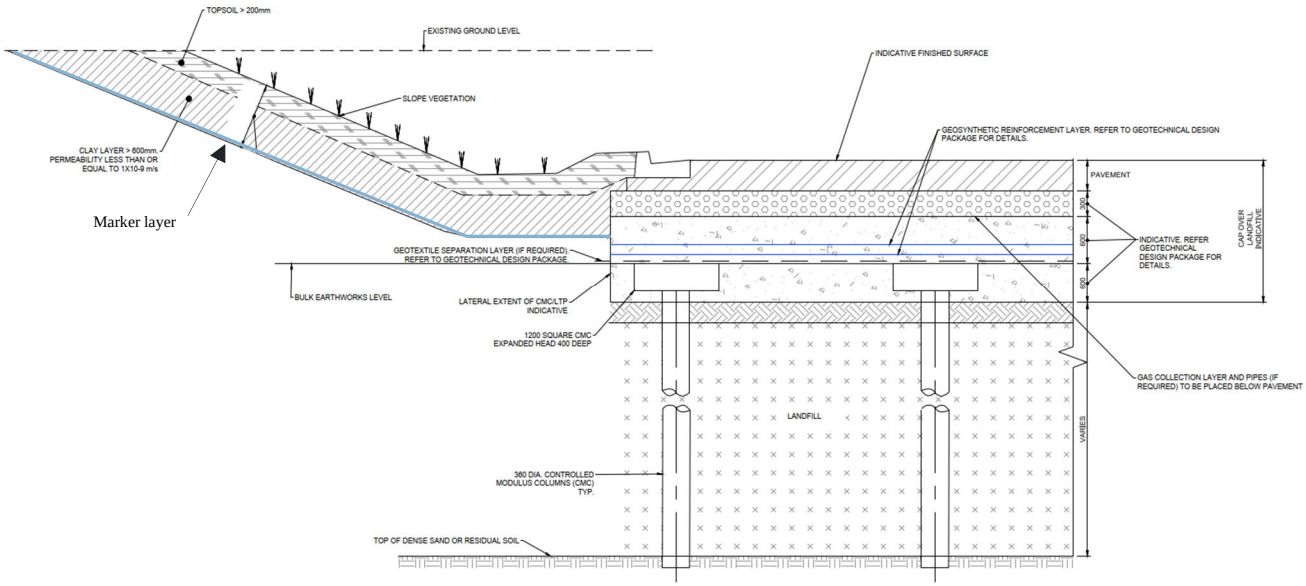


Figure 8-3 Typical Cut Capping Section (Tetra Tech, 2021)

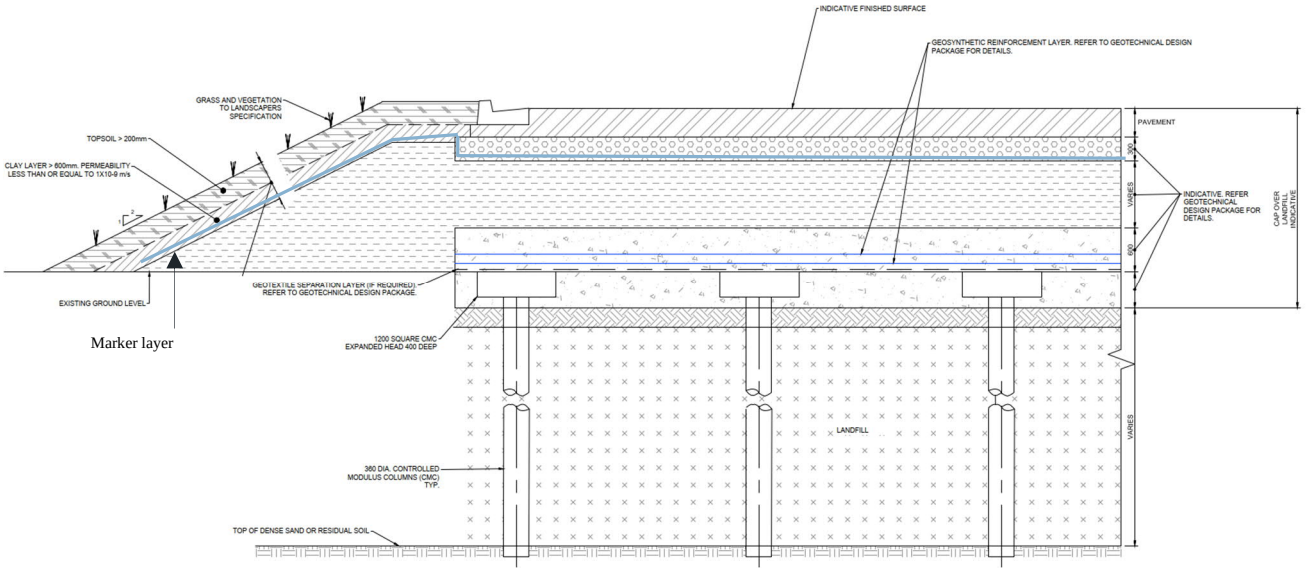


Figure 8-4 Typical Embankment Capping Section (Tetra Tech, 2021)

8.3 NEW WASTE MOUND AND NOISE MOUNDS

The general design and construction principles for the new waste mound is presented in Tetra Tech (July 2021), *Sydney Gateway Stages 1 & 3 Landfill Capping, Gas Assessment & Monitoring Report*. This report presents an optimised waste mound and noise mound cap concept design based on a number of waste material containment options. A more detailed technical specification and detailed design will be supplied by Tetra Tech to facilitate the construction and final construction quality assurance (CQA).

The new encapsulation mound and noise mounds will be situated directly above the existing landfill cover. It is understood that the surface will be ripped prior to construction of the encapsulation mound to facilitate infiltration of any water in the encapsulation mound.

The waste spoil will comprise predominantly soil and construction and demolition waste with no observable putrescible materials. The waste will be placed and compacted so that the final batters of the cell will be a maximum slope of 1V:3H. The waste will then be overlain with a geofabric layer which will act as a visible separation layer between the waste and the overlying capping material.

The design of the final capping layer (most notably cap thickness and composition) for both the waste mound and noise mounds will comprise the following:

- Minimum 300mm thick layer of validated clean fill, placed and compacted to engineers specification (to be confirmed in the final technical specification) on top of a geotextile marker layer to distinguish underlying contaminated fill material from capping material.
- Minimum 200mm topsoil layer, finished with planting of shallow rooted plants to landscape specification based on the types of waste which are to be contained at the relevant locations.

The toe of the landfill batter will be bounded by a drain which will collect surface runoff from the waste mound and divert it to the stormwater system which discharges to Alexandra Canal.

Due to the nature of materials intended to be emplaced within the encapsulation mound, no leachate or landfill gas mitigation system has been incorporated into the design of the encapsulation mound. A validation process will be implemented to ensure that the waste being emplaced within the encapsulation mound is likely to present a low risk of leachate and gas generation. This process is presented in Section 12.4.2 of this RAP.

While soils to be placed in the mounds have been demonstrated to have generally low leachable characteristics (noting the more vigorous TCLP testing was undertaken), mitigation to minimise leachate generation within the encapsulated material is incorporated into the Tetra Tech design. The primary mechanism for leachate mitigation is to minimise infiltration rates, as such the following capping requirements are specified:-

- Waste and noise mounds to be contoured with a sufficient gradient to shed water (not less than 1:4 slope);
- Final backfilled surface prepared with adequate bearing to support the overlying layers;
- Geotextile marker layer to distinguish underlying contaminated fill material from capping material; and
- Minimum 300mm of compacted sub-grade (to meet geotechnical performance) overlain by minimum 200mm topsoil vegetation layer. Compaction performance to meet 95% maximum dry density verified by geotechnical testing.

The Capping Compaction Rationale in Section 8.3.1 demonstrate the low permeability nature of the capping.

If there are any visual or olfactory indicators of leachate generation from the waste/noise mounds, responses under the contingency protocol should be followed (Section 8.5).

WSP note that if site-won material is identified as being both chemically and geotechnically suitable through adequate testing, this material may be beneficially reused within the capping layer.

The design of the landscaping has been developed in conjunction with the design of the waste mounds. Plant species have been selected that will be able to survive in the soil depths which are available, and species have been selected which will not have roots that will penetrate the capping layer or damage the capping layer.

Draft detail of the general layout of encapsulation mound construction is presented in Figure 8-5 below.

Refer to section 12.1 and 12.4 for corresponding validation requirements for on-site containment of materials

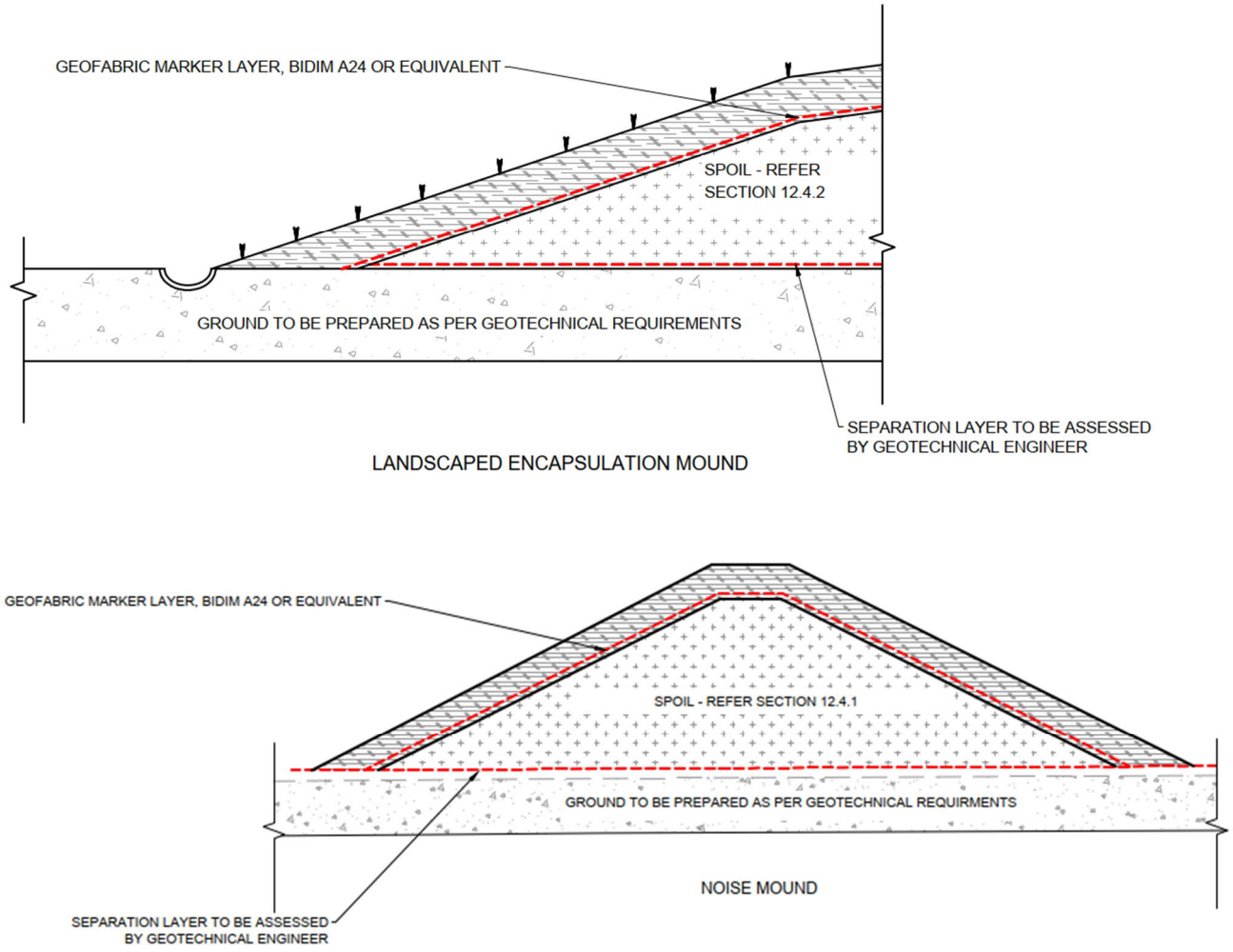


Figure 8-5 Typical Waste encapsulation mound (top) and noise mound (bottom) Section (Tetra Tech, 2021 - Draft)

8.3.1 CAPPING COMPACTION AND INFILTRATION RATIONALE

Further to the Tetra Tech (September 2021), *Sydney Gateway Stages 1 & 3 Landfill Capping, Gas Assessment & Monitoring Report*, the proposed cap on the noise and waste mounds will comprise of minimum 300 mm of compacted suitable material (regarding geotechnical and contamination composition) which will have low hydraulic conductivity (typically lower than 10^{-7} m/sec) overlain by 200 mm topsoil layer which will be vegetated with grass and/or shallow rooted plants. Much of the plan area of the mound will be sloping sides with batters being in the range of 1V:3H to 1V:4H.

Typically, a surface with such low permeability, compacted to 95% dry density, will have run-off coefficient of around 0.6 to 0.8 in flat terrain. The slopes are reasonably steep and will rapidly shed the precipitation falling on the surface of the mound away from the mound thereby further reducing the opportunity for it to infiltrate. This will effectively raise

the run-off characteristics resulting in the amount of precipitation being available for infiltration dropping to about 10% or less of the amount of precipitation. Some of that water will be held taken up by evapotranspiration in the vegetation zone of the mound cover. Some of the water that infiltrates through the cap will be held in voids under capillary action in the material placed within the mound and a fraction of infiltration will find its way to the base of the mounds and from there it will infiltrate into the existing Tempe Landfill and eventually migrate towards the leachate collection and treatment infrastructure. Based on these factors, it is considered that there is only a very small likelihood of accumulation large enough to give rise to toe seeps from occurring and should such seeps occur, they will be ephemeral and minor.

8.3.2 CELL AND NOISE MOUND CONSTRUCTION STAGING

Based upon Tetra Tech (September 2021), *Sydney Gateway Stages 1 & 3 Landfill Capping, Gas Assessment & Monitoring Report* the following staging will be followed during construction of the waste cell and noise mounds:

- Where practicable, excavation to expose the buried waste material should be staged in a manner such that the waste would not be exposed for excessive durations without covering. This may involve staging the excavations in manageable smaller sizes, and not exposing a large area concurrently.
- Any stormwater that comes into contact with exposed waste material will need to be treated as leachate impacted and will be diverted to the leachate treatment plant for treatment prior to discharge.
- If odour is encountered, daily cover and odour suppressant should be applied (refer to the *Landfill Leachate, Gas and Odour Management Sub Plan*). The daily cover may utilise excavated material (e.g. existing cover layer) if suitable, subject to engineering and chemical suitability (i.e. compliant with the relevant landuse criteria for the emplacement location) as presented in this RAP.

8.3.3 DAILY AND INTERMEDIATE COVERS

Daily and intermediate covers of waste being emplaced within the encapsulation mound during construction will be undertaken in accordance with the *Landfill Leachate, Gas and Odour Management Sub Plan* which is appended to the *Construction Environment Management Plan* for the project.

8.4 MATERIAL HANDLING AND TRACKING

An indicative general breakdown of cut and fill across the auditable area (based upon JHSWJV (2021), *Sydney Gateway: Stage 1 – Mass Haul*), are presented in the following table. It should be noted that cut and fill figures have not been finalised at the time of the preparation of this RAP. Additionally, these volumes do not account for ancillary works such as drainage excavation and piling spoil. Therefore these numbers should be considered indicative only.

Table 8.1 Cut and Fill Distribution (Source: JHSWJV *Sydney Gateway: Stage 1 - Mass Haul*)

GENERAL LOCATION	INDICATIVE VOLUME
CUT AREAS	
Cut 1: Northern Public Roadway	27,000 m^3
Cut 2: Northern Public Roadway	37,000 m^3
Cut 3: Southern Public Roadway	7,000 m^3
Active Transport Link	1,890 m^3
FILL AREAS	
Fill 2: Northern Public Roadway	6,000 m^3
Fill 5: Southern Public Roadway	39,000 m^3

GENERAL LOCATION	INDICATIVE VOLUME
Active Transport Link	1,410 m^3
Tempe Mound	47,000 m^3
Sydney Airport Link Road	30,000 m^3

In total JHSWJV has assumed that a total of five truck and dogs or dump trucks will be operating within the auditable area and that a total of approximately 1,500 m^3 of material will be moved daily.

As presented above, following filling of road embankments some of the cut material will be placed within the waste mound and beneath roadways and other paved surfaces and some materials may be chemically and geotechnically suitable for beneficial reuse in unpaved areas of the auditable area. However, the remaining material will require off-site disposal to an appropriately licenced facility.

In addition to the above, material will also be required to be imported to site because site-won material may not be chemically or geotechnically suitable for the intended purpose (e.g. working platforms/crane pads, surface capping and topsoil).

Excavated materials and materials being imported to site are to be managed in accordance with JHSWJV (February 2021), *Construction Waste Management Plan – State* (CWMP) Where possible, excavated materials would be reused on-site as engineered fill where fit for purpose and practicable. While the preference is that material will be disposed off-site by direct loadout from the excavation, where waste is required to be handled and stored on-site prior to on-site reuse or off-site disposal/recycling, the following measures will apply:

- Spoil, topsoil and mulch are to be stockpiled on-site in allocated areas to prevent contact with any contaminated soils (where appropriate), and mitigation measures for dust control and surface water management will be implemented as per the Air Quality Management Sub Plan and Soil and Water Management Sub Plan.
- Liquid wastes are to be stored in appropriate containers in bunded areas until transported off-site. Bunded areas will have the capacity to hold 110 percent of the liquid waste volume for bulk storage or 120 percent of the volume of the largest container for smaller packaged storage.
- Hazardous waste will be managed by appropriately qualified and licensed contractors, in accordance with the requirements of the *Environmentally Hazardous Chemicals Act 1985* and the EPA waste disposal guidelines.
- All other recyclable or non-recyclable wastes are to be stored in appropriate covered receptacles in appropriate locations on-site and contractors commissioned to regularly remove/empty the bins to approved disposal or recycling facilities under appropriate waste classification documentation.

Suitable areas will be identified to allow for contingency management of unexpected waste materials, including contaminated materials. These areas will be hardstand or lined and appropriately stabilised and bunded with sufficient space for stockpile storage. Unexpected waste materials will be handled as per the unexpected finds procedure.

As detailed in the CWMP, JHSWJV have developed a zone excavation register for the project which details:

- The quantity of each waste type generated, its classification and source location (recorded using latitude and longitude coordinates).
- The destination location(s) for all waste generated during construction.
- The quantities of any waste types imported onto the waste mound including their classification and emplacement location (recorded using latitude and longitude coordinates).
- The quantities and types of wastes that are subject to Resource Recovery Orders/Exemptions.
- Disposal records demonstrating that receiving facilities have lawfully accepted the waste type.

The CWMP also depicts intended stockpile areas within the Tempe project boundary.

Throughout the project JHSWJV will maintain a Waste Tracking Register which will form part of the zone excavation register and detail the following information related to wastes generated on the site:

- Date of excavation.
- Waste description, type and classification.
- Quantity in tonnes and/or volume in cubic metres.
- Proportion reused, recycled or disposed.
- Origin on-site and final destination.
- Truck registration, EPA licence and details of the docket if disposed off-site.

Throughout the project the compliance against the *Construction Waste Management Plan – State* will be assessed through regular inspections, weekly JHSWJV Environmental Inspections, internal and external audits of appointed Project Waste Management Contractors and waste disposal facilities and preparation of a six monthly compliance tracking report.

The primary mechanism of materials tracking will be via the 'Virtual Super' material tracking application which will be administered by JHSW. Onsite plant will load materials and track weights of buckets into trucks based on programmed categorisations from the in-situ model.

The trucks will then have GPS tracking of that material and will record the location it will be dumped (internal and off-site). JHSW will track the movements against the planned works (which includes material types) to audit. The tracking details throughout the project will be incorporated into the validation report.

The information provided from the waste tracking register and ongoing compliance monitoring will be incorporated into the final validation for the project.

Refer to section 12.7 for corresponding validation requirements for on-site containment of materials.

8.5 CONTINGENCY

In the event that the cover or encapsulation mound effectiveness is compromised and there is a potential for risk to on-site and off-site receptors, contingency and corrective actions for contamination hazards detailed in Table 8.2 are to be implemented.

Table 8.2 Soil/Fill Management Corrective/Contingency Measures

EVENT/TRIGGER	CORRECTIVE ACTION/CONTYINGENCY PLAN
A breach of the cap is identified which has the potential to expose underlying contaminated soils	Any identified breaches are to be immediately (within the same working shift) repaired with geotechnically and chemically suitable material so that the underlying contaminated media is effectively separated from surrounding receptors. Investigate the cause of the breach and implement rectification works to reduce the potential for future cap breaches. Some causes may include erosion due to excessive slope, damage by heavy equipment and old excavations left open.

EVENT/TRIGGER	CORRECTIVE ACTION/CONTYINGENCY PLAN
Encapsulation/re-use of unsuitable material	If JHSW-JV becomes aware of any material that is a different type to what was shown in the WSP in-situ waste classification, JHSW-JV must notify the Independent Verifier within 24 hours and a Hold Point must be applied: (i) (A) to allow the Independent Verifier to inspect the area within 24 hours of receipt of that notice from the JHSWJV and verify if any material is a different type to what was shown in the WSP in-situ waste classification; (B) for the Independent Verifier to provide a written notice to the Principal's Representative and JHSW-JV within 3 Business Days stating whether or not the soil or other material is a different waste classification; and (C) for JHSWJV to confirm its plan to undertake additional Site Investigations and Waste Classification to determine the extent of the different material.
Importation of material chemically unsuitable for use as capping material	Where material to be imported onto the site does not meet the importation acceptance criteria detailed in Section 10.1, the material should not be accepted unless it can be demonstrated that the material poses a negligible risk to human health and the environment, and the use of the material on-site is not contrary to relevant legislation and guidance regarding waste and resource recovery. Review information related to the source site to ensure that future importation will not result in unsuitable material being imported to site. Material already imported to the site should be segregated and placed at a location below the capping layer or disposed offsite.
Surface ground gas concentrations over 500ppm identified emanating from the cap or the waste mound (monitoring requirements presented in Section 11.6.2.2).	If the emission point is identified as resulting from a breach in the cap (e.g. point of erosion or cracking), immediately repair the breach point. Irrespective of whether a potential breach is identified, undertake a week of daily monitoring to assess replicability of the results. Based upon the findings prepare a targeted ground gas risk assessment factoring in source-pathway-receptor linkages and recommending approaches to mitigating risk based on the likelihood of impact to receptor.
Inspections identify visual and olfactory evidence of leachate emanating out of the waste mound cap or its toe and potentially flowing into the stormwater drain.	If the leachate emission point is identified as resulting from a breach in the cap, immediately (during the working shift) repair the breach point. If leachate is emanating from a diffuse point not associated with cracking or other form of visible breach or if it continues to flow irrespective of the repair installation of a spoon drain to capture the seepage will be required (outfall shall direct seepage water into the leachate treatment infrastructure. .
Excavated material unexpected find, i.e. material excavated is not consistent with available soil characterisation sampling.	Either divert waste away from encapsulation mound or undertake physical and chemical assessment to better characterise material and assess suitability for emplacement. Assessment and testing protocol to be designed based on material encountered and in consultation with the validation consultant for the project. All unexpected finds to be managed in accordance with the protocol presented in Appendix C of this RAP and material tracking to be undertaken in accordance with Section 7.4.

9 LEACHATE REMEDIATION STRATEGY

The following sections present a summary relating to the works which will be undertaken to meet the remedial objectives.

9.1 EXISTING SYSTEM

The principal requirements of the existing collection and treatment system were to mitigate the flows of leachate into the canal and divert those flows to the leachate treatment system. Once at the leachate treatment system, the treated leachate is discharged to sewer under an industrial Trade Wastewater Agreement (TWA) with Sydney Water. A new TWA is being developed for the Project to suit increased flow rates of the leachate treatment plant.

The leachate management system consists of a 1.4km subsoil drainage system, six leachate pumping stations, a leachate transfer pipework/drain, and an on-site leachate treatment plant. Leachate generated from the landfill flows towards Alexandra Canal and is then intercepted by the drainage system leading to a series of leachate sumps. Leachate is then pumped to the leachate treatment plant, treated and then disposed to sewer in accordance with the Sydney Water TWA.

A hydrogeological assessment regarding the performance of the Tempe landfill leachate management system has been completed by Environment Earth Sciences (EES)[2]. EES concluded that removing or compromising the landfill cap will expose a portion of the waste mass to direct recharge. However, due to the already high connectivity of leachate with surrounding groundwater and also because the existing cap is not impermeable, it is predicted that exposing the waste mass to direct rainfall infiltration by stripping up to 50% of the cap will have little impact on water levels in the leachate. This is because the maximum area of waste mass that could be exposed (estimated to be 5 ha) is significantly smaller than the overall catchment area that potentially recharges the waste mass (estimated to be 32 ha based on 3 ha wetlands, 13 ha residential and 16 ha commercial/ industrial stormwater networks).

9.2 SYSTEM COMPONENT REPLACEMENT AND MAINTENANCE

Prior to taking over operational control of the leachate collection system from Inner West Council, JHSWJV will complete a condition assessment of each element of the system. Following this assessment a number of remedial measures will be taken to ensure that the collection system is operating as per its original design intent.
At a minimum the following actions will be taken.

1) **Pump replacement:** Each collection pump will be inspected, along with the electrical cables supplying power to the pumps. Where required the pump will be replaced. The electrical supply will also be upgraded if necessary.
2) **Sump cleanout:** The sump pits will be inspected and, if found to be containing debris, will be cleaned out using a vacuum truck.
3) **Rising main flushing:** The rising main will be accessed via the inspection points and clean water will be run through the pipe under pressure to ensure that all sediment has been removed and the pipe is free flowing.

[2] EES 2021 Hydrogeological assessment regarding the performance of the Tempe tip leachate management system.

4) **Sub-soil drainage flushing:** The sub-soil drainage line, which collected the leachate within a collection trench, will be accessed via the inspection points and the pipe will be flushed using a high-pressure jetting hose to ensure that all sediment has been removed and the pipe is free flowing.
5) **Build a plant for construction purposes:** The existing treatment plant is currently licensed to discharge up to 2 litres per second. A new plant has been built for the Sydney Gateway Road Project construction which has increased the capacity to 5 litres per second. The EES 2021 report confirms that the sizing of the newly constructed leachate treatment plant is adequate.

A report has been prepared by JHSWJV to document the specification for the constructed leachate treatment plant, JHSWJV (July 2021), Sydney Gateway – Stage 1 and 3, Tempe Tip Leachate Treatment Plant – Performance Specification. The JHSWJV specification provides an Operational and Maintenance Manual attached as Appendix 3 of the document. An extract of the Operation and Maintenance Manual showing a site plan with the location of the leachate collection infrastructure and pumps is included in Appendix G.

These actions will ensure that the pumps are fully operational and the pipes are free flowing. The final system is proposed to have the following discharge capacity (based upon the current JHSWJV application to Sydney Water):

— 5 litres per second (maximum instantaneous rate of discharge).

— 450,000 litres per day (maximum daily rate discharge).

— 400,000 litres per day (average daily rate discharge).

9.3 LEACHATE MANAGEMENT DURING CONSTRUCTION

Construction activities associated with Alexandra Canal connections will be undertaken in accordance with the JHSW-JV Contaminated Aquatic Sediments in Alexandra Canal Plan and LLGOMP (no additional controls are stipulated in this RAP).

Elsewhere within the site no significant interaction with groundwater is anticipated. Given the layered nature of the landfilling there is a potential for localised leachate to be perched across the fill profile. As such, perched leachate may be encountered during earthworks. Groundwater and/or leachate pumped during construction will be discharged into the site leachate treatment plant. The associated risk to environmental receptors is low, noting that a perimeter barrier wall provides some mitigation.

9.4 CONTINGENCY

In accordance with Appendix 1 of the *Leachate Collection System Operation & Maintenance Manual* 209449 O&M Manual Rev03 dated 18/08/2005, these same elements will be inspected and replaced or flushed, as required, every 6 months to maintain system efficiency. If the inspections demonstrate that there is a potential for reduced treatment efficiency the affected items will be either replaced, repaired or cleaned in order to maximise efficiency.

Where ongoing monitoring of treated liquid output (as part of the finalised Trade Waste Agreement) indicates that the system is not effectively treating the leachate prior to discharge or is not meeting the discharge volume requirements additional inspection will be undertaken to identify the cause of the reduced effectiveness. Based upon the results of the inspection the relevant system components will be either replaced, repaired or cleaned in order to maximise efficiency.

10 LANDFILL GAS MITIGATION STRATEGY

10.1 MITIGATION SYSTEM DESIGN OBJECTIVES

The overall objectives of the landfill gas mitigation system are to abate fugitive landfill gas emissions in the proposed motorway corridor within the former Tempe landfill section such that:

- Landfill gas does not migrate by a number of other mechanisms, such as other installed road infrastructure and through unconsolidated fill materials and soils as a result of the capping of larger areas of the former landfill where uncontrolled passive venting through the ground surfaces has been occurring.
- Landfill gas related risks to users and regular maintenance workers of the motorway are within acceptable limits.
- Landfill gases do not migrate offsite at unacceptable levels, via utility pipes and trenches installed as a part of the motorway.
- Landfill gases do not pose an explosive risk to motorway assets.

10.2 KEY DESIGN FEATURES

The detailed design components of the landfill gas mitigation system and technical justification will be presented in a separate Detailed Design and Technical Specification document. The Technical Specification (currently being prepared) which will be developed as an ITP once the design is approved/certified for construction. A summary and associated concept drawings are provided in this RAP. Key design features of mitigation system are presented in the table below. Concept drawings are presented in Appendix D.

Table 10.1 Key Design Features

KEY DESIGN FEATURE/ELEMENT	OVERVIEW OF THE PROPOSED DESIGN FEATURE
Sealing the motorway surface such that risks to site users from landfill gas are within acceptable limits and provide an adequate cover over landfill materials	In Cut – Motorway will be capped utilising the motorway pavements, typically comprising (top to bottom) asphalt wearing course, over asphalt base, over 7mm bitumen seal, over >175mm (min) lean mixed concrete (LMC), over 7mm sprayed bitumen seal, over 300mm select material zone (SMZ), over 600mm load transfer platform. Motorway verges outside of pavements will be capped with >600mm (min) compacted soil on a suitable bearing layer, with >200mm (min) topsoil on the soil to support landscaping, or to landscape designer specification. In Fill – Similarly the motorway will be capped utilising the motorway pavements. On motorway verges (and noise mounds) a minimum 200mm topsoil over 200 mm compacted validated material will be applied, additional thickness will be applied if required to contain contaminated material (refer to Figure 8-4).

KEY DESIGN FEATURE/ELEMENT	OVERVIEW OF THE PROPOSED DESIGN FEATURE
Collecting and venting the landfill gases within the capped motorway to reduce risks of lateral migration of landfill gas	In Cut – The pavement subsurface drain network within the motorway will be utilised to collect landfill gases migrating upwards to the motorway structure. Passive wind driven gas vents will be constructed at regular intervals to release the collected gases to the atmosphere at a height that is adequate to ensure that the motorway users and regular maintenance workers will not be adversely impacted by the gas vented. In Fill – in general, the existing cover layer of the tip is not breached in areas of shallow embankment and deeper fill areas. The added thickness of compacted fill and/or pavements is expected to prevent landfill gas from migrating upward. On-going maintenance of the collection and venting system will be outlined in a Long Term Environmental Management Plan (LTEMP).
Capping, sealing and/or venting underground utilities that may present an unacceptable landfill gas exposure risk to motorway users and regular maintenance workers	Drainage – The underground stormwater pipes are rubber ring sealed, connected with R0220 gully pit type F (with open grate) or similar. In an unlikely case of landfill gas ingress into the sealed pits (e.g. via subsurface drain holes against the expected flow path), the open grate allows more than adequate air exchange to prevent landfill gas from accumulation in the pits. The aboveground open stormwater channels are not considered to present unacceptable risks of gas accumulation. Lighting – The underground electrical conduits are to be installed in >500mm deep lighting trenches with compacted bedding sand and backfill materials as per R151. The trenches are to be covered with pavements which would limit landfill gas surface emissions. Conduit connections to Type 4 polyethylene cable pits (or similar) are glue sealed with bellmouths into pits. The cable pits present low likelihood of landfill gas accumulation. ITS – The underground ITS conduits are to be installed in concrete encasements. Similarly, connections to ITC cabinets/pits will be glue sealed with bellmouths into pits, limiting landfill gas ingress. Plug trenches with concrete at landfill/project boundary to abate lateral pathway for offsite migration. Utility cut off trenches will be encased with 300mm of concrete, at the interface point where they pass outside of the Tip. The encasement detail is to be subject to the localised ground conditions at each cut-off trench location, to account for the risk of gas in the ground conditions present. Where a cut-off trench is placed in granular material (gravel, sand, or construction waste), the trench is to be concrete encased, for a minimum width of 500mm on each side of the trench, at the interface point where the trench passes outside the tip boundary. The geotechnical representative will be responsible for assessing the ground conditions of the trench, to ensure that the placement of concrete at the interface point will be sufficient to form a solid mass, (which will cut-off and prevent gas migration). Because the Tempe Tip formation supporting the road carriageway and its surrounds make use of Controlled Modulus Columns as a ground treatment, the risk of settlement is negligible, and therefore, there is no risk of localised trench settlement or failure which would result in migration of gases along trenches.

10.3 CONTINGENCY

In the event that the monitoring of system effectiveness demonstrates that the gas mitigation system is not appropriately mitigating gas risk to on-site and off-site receptors, contingency and corrective actions for landfill gas hazards detailed in Table 10.2 are to be implemented.

Table 10.2 Landfill Gas Corrective/Contingency Measures

EVENT/TRIGGER	CORRECTIVE ACTION/CONTYINGENCY PLAN
Methane detected above 500ppm in ambient conditions along edges of roadway (post-construction)	If potentially explosive conditions 500ppm are detected or measured in ambient air or readings are increasing such that explosive conditions could develop, then ignition sources should be immediately excluded from the affected area and the area be temporarily fenced to limit public access. A ground gas expert should be engaged to undertake an assessment of the area and recommend methods for long term monitoring and mitigation. Monitoring may include conducting intensive monitoring of the surface in the vicinity of the exceedances to identify (if possible) where the ground gas is coming from. Expand the testing of confined spaces, such as cavities, etc. Longer term management may include installing additional venting risers in the vicinity of the exceedance to facilitate increased localised passive venting or otherwise undertake a trial of switching the system to active venting and monitoring the results.
Methane detected above 500ppm in ambient conditions along edges of waste mound (post-construction)	If potentially explosive conditions 500ppm are detected or measured in ambient air or readings are increasing such that explosive conditions could develop, then ignition sources should be immediately excluded from the affected area. A ground gas expert should be engaged to undertake an assessment of the area and recommend methods for long term monitoring and mitigation.
Concentrations of gases above Action Levels in sub-surface gas wells assessing risk to off-site receptors (i.e. Smith Street commercial premises or north-western residences).	If post-construction gas monitoring indicates an increase in gas flow and total concentrations in the sub-surface geology bounding the Smith Street commercial premises or north-western residence a ground gas expert should be engaged to undertake an assessment of the area and recommend methods for long term monitoring and mitigation. If the results are found to constitute a change to the characteristic gas situation or risk profile associated with sub-surface migration and a causative link between the construction of the roadway and the elevated results is identified a week of daily monitoring should be undertaken to assess gas variability and undertake building internal monitoring (if possible) to assess receptor risk. Based on this data prepare a quantitative risk assessment which will assess risks and provide recommendations for further action. If further mitigation systems are required to be implemented, these may include increasing the ventilation capacity of the existing mitigation system beneath the roadway or targeting the sub-surface pathway with a ventilation trench or other structure.

EVENT/TRIGGER	CORRECTIVE ACTION/CONTYINGENCY PLAN
Other Landfill gas concentrations above adopted guidelines are recorded within accessible service pits (post construction)	If landfill gas concentrations within site service pits exceed the guideline values presented in this document then access to those areas of the accessible service pits would be controlled until ventilation or other measures to address the landfill gas build up had been implemented. Notify relevant parties including asset owners as required. If the gas reading persists at greater than the Action Levels the structure will remain evacuated, and the Environmental Consultant will be contacted to assess the significance and advise on further actions. The NSW EPA and the key project staff listed in the Operational-Phase EMP would be notified verbally immediately and informed of corrective actions within 14 days in writing. An increased frequency of monitoring would be also be conducted (daily until concentrations reduce to below the adopted criteria for a sustained seven day period).

11 REMEDATION ACCEPTANCE CRITERIA

11.1 IMPORTED VENM AND ENM

All material being imported to the site as Virgin Excavated Natural Material (VENM) is required to be derived from a source site free of acid sulfate soils and with minimal risk of impact from previous potentially contaminating activities. Samples analysed for the VENM suite should be assessed against the criteria presented in the following table.

Table 11.1 Imported VENM Characterisation Criteria

CONTAMINANT	TRIGGER VALUE (MG/KG)	SOURCE/JUSTIFICATION
Arsenic	1-50	NEPM 1999 Schedule B1 Table 5A Background Ranges
Copper	2-100	NEPM 1999 Schedule B1 Table 5A Background Ranges
Chromium III	5-1000	NEPM 1999 Schedule B1 Table 5A Background Ranges
Lead	2-200	NEPM 1999 Schedule B1 Table 5A Background Ranges
Nickel	5-500	NEPM 1999 Schedule B1 Table 5A Background Ranges
Mercury	0.001 – 0.1	NEPM 1999 Schedule B1 Table 5A Background Ranges
Zinc	10-300	NEPM 1999 Schedule B1 Table 5A Background Ranges
Total Recoverable Hydrocarbons	<LOR	VENM definition NSW EPA (2014) Waste Classification Guidelines
Polycyclic Aromatic Hydrocarbons	<LOR	VENM definition NSW EPA (2014) Waste Classification Guidelines
Organochlorine Pesticides	<LOR	VENM definition NSW EPA (2014) Waste Classification Guidelines
Organophosphorus Pesticides	<LOR	VENM definition NSW EPA (2014) Waste Classification Guidelines
Polychlorinated Biphenyls	<LOR	VENM definition NSW EPA (2014) Waste Classification Guidelines
Phenols	<LOR	VENM definition NSW EPA (2014) Waste Classification Guidelines
PFAS	<LOR	VENM definition NSW EPA (2014) Waste Classification Guidelines
BTEX	<LOR	VENM definition NSW EPA (2014) Waste Classification Guidelines
Asbestos	Non detect	Special Waste Criteria NSW EPA (2014) Waste Classification Guidelines

Note that where results are below the <LOR criteria, the LOR should be confirmed as being below the relevant HIL or HSL for that specific contaminant (where applicable).

All materials which are imported to site under the classification of Excavated Natural Material (ENM) are required to have undergone sufficient in-situ or ex-situ testing to be compliant with NSW EPA *The Excavated Natural Material Order 2014* (ENM Order). All samples analysed under the ENM Order are to meet the criteria presented in the following table.

Table 11.2 Excavated Natural Material Order Criteria

CHEMICALS AND OTHER ATTRIBUTES	MAXIMUM AVERAGE CONCENTRATION	ABSOLUTE MAXIMUM CONCENTRATION
Mercury	0.5 mg/kg	1 mg/kg
Cadmium	0.5 mg/kg	1 mg/kg
Lead	50 mg/kg	100 mg/kg
Arsenic	20 mg/kg	40 mg/kg
Chromium (total)	75 mg/kg	150 mg/kg
Copper	100 mg/kg	200 mg/kg
Nickel	30 mg/kg	60 mg/kg
Zinc	150 mg/kg	300 mg/kg
Electrical Conductivity	1.5 dS/m	3 dS/m
pH	5 to 9 pH units	4.5 to 10 pH units
Total Polycyclic Aromatic Hydrocarbons	20 mg/kg	40 mg/kg
Benzo(a)pyrene	0.5 mg/kg	1 mg/kg
Benzene	NA	0.5 mg/kg
Toluene	NA	65 mg/kg
Ethylbenzene	NA	25 mg/kg
Xylene	NA	15 mg/kg
Total Petroleum Hydrocarbons (C_{10}-C_{36})	250 mg/kg	500 mg/kg
Rubber, plastic, bitumen, paper, cloth, paint and wood	0.05%	0.10%
Asbestos (presence/absence)	Non detect	Non detect

In addition to the above, all materials which are to be used at the surface (e.g. capping and topsoil layers) are required to comply with the on-site material suitability requirements (i.e. HILs, HSLs, EILs and ESLs for commercial/industrial landuse).

11.2 OFF-SITE DISPOSAL

All materials to be disposed off-site will be classified in accordance with NSW EPA (2014), *Waste Classification Guidelines – Part 1: Classifying Waste* and NSW EPA (2016), *Addendum to the Waste Classification Guidelines (2014) – Part 1: Classifying Waste*. The criteria are presented in the table below.

Table 11.3 Waste Classification Criteria – Off-site Disposal

CHEMICAL	GENERAL SOLID WASTE			RESTRICTED SOLID WASTE		
	CT1 (mg/kg)	SCC1 (mg/kg)	TCLP1 (mg/L)	CT2 (mg/kg)	SCC2 (mg/kg)	TCLP2 (mg/L)
Arsenic	100	500	5.0	400	2,000	20

CHEMICAL	GENERAL SOLID WASTE			RESTRICTED SOLID WASTE		
	CT1 (mg/kg)	SCC1 (mg/kg)	TCLP1 (mg/L)	CT2 (mg/kg)	SCC2 (mg/kg)	TCLP2 (mg/L)
Benzene	10	18	0.5	40	72	2
Benzo(a)pyrene	0.8	10	0.04	3.2	23	0.16
Cadmium	20	100	1.0	80	400	4
Chromium VI	100	1,900	5	400	7,600	20
Endosulfan	60	108	3	240	432	12
Ethylbenzene	600	1,080	30	2,400	4,320	120
Lead	100	1,500	5	400	6,000	20
Mercury	4	50	0.2	16	200	0.8
Moderately Harmful Pesticides	250	250	N/A	1,000	1,000	N/A
Nickel	40	1,050	2	160	4,200	8
C6-C9 TPH	650	650	N/A	2,600	2,600	N/A
C10-C36 TPH	10,000	10,000	N/A	40,000	40,000	N/A
Polychlorinated biphenyls	<50	<50	N/A	<50	<50	N/A
Polycyclic aromatic hydrocarbons	200	200	N/A	800	800	N/A
Scheduled chemicals	<50	<50	N/A	<50	<50	N/A
Toluene	288	518	14.4	1,152	2,073	57.6
Xylenes	1,000	1,800	50	4,000	7,200	200
PFOS + PFHxS	-	1.8	0.05	-	7.2	0.2
PFOA	-	18.0	0.50	-	72.0	2.0

As prescribed in the Waste Classification Guidelines and ASC NEPM (2013), statistical analysis of relevant datasets will be undertaken. The analysis will include the calculation of 95% upper confidence levels (UCLs) for all contaminants (when a sufficient number of samples are detected above the LOR). During statistical analysis, individual contaminant concentrations exceeding assessment criteria will be assessed against the spread and magnitude of the data. Specifically, any individual contaminant concentration must be less than 250% of the assessment criterion and the standard deviation of the dataset must be less than 50% of the assessment criterion.

As per *Waste Classification Guidelines – Part 1: Classifying Waste*, any wastes identified as containing asbestos, clinical and related waste and waste tyres are to be classified as Special Waste on top of the chemical classification.

Wastes shall be categorised as Putrescible or Non-putrescible based upon comparison to the definition presented in Step 6 of *Waste Classification Guidelines – Part 1: Classifying Waste*.

Due to the location of the site on disturbed terrain, reworked natural and natural materials excavated during the works also need to be assessed for the presence of acid sulfate soils prior to disposal. These materials are to be assessed in accordance with NSW EPA (2014), *Waste Classification Guidelines – Part 4: Acid Sulfate Soils*.

WSP note that there is a possibility that natural materials may be exposed as part of piling works. Due to the high likelihood of the presence of acid sulfate soils and the industrial history of the site it is considered that there is a low likelihood that the material can be beneficially reused off-site as VENM.

Any natural materials that do not contain sulphidic soils will be considered against the requirements for VENM as defined in Schedule 1 of the Protection of the Environment Operations Act 1997. Beneficial re-use of natural material as VENM would be subject to confirmatory testing and certification.

11.3 ONSITE MATERIALS (BENEFICIAL REUSE)

Site-sourced soils which are to either remain exposed in-situ at the surface or be beneficially reused for capping and containment purposes, road embankment or for other surficial use will be assessed against the relevant Health Investigation Levels (HILs), Health Screening Levels (HSLs) and Management Limits presented in *National Environment Protection (Assessment of Site Contamination) Measure 1999* (as amended 2013). Ecological Investigation Levels (EILs) and Ecological Screening Levels (ESLs), have also been considered as validation criteria for landscaped areas, road verges and capping of the waste mound (commercial/industrial).

The criteria to be applied are as follows:

- Beneath roadway: No putrescible material
- Within waste and noise mound: No putrescible material and leachability < TCLP1
- Within capping below 200 mm topsoil: HIL-D (commercial/industrial), HSL-D (commercial/industrial) including NEPM asbestos w/w%. This includes the fenced off waste mound, noise mound, ATL, landscaped areas and unpaved road verges.
- Unconditional at surface use; HIL-D (commercial/industrial), HSL-D (commercial/industrial) including NEPM asbestos w/w%, EILs and ESLs for commercial/industrial land use. This includes the fenced off waste mound, noise mound, ATL, landscaped areas and unpaved road verges.
- For any material to be used to form part of the compacted capping layer within the noise and waste mounds, the material must be geotechnically suitable and contain < 2% anthropogenic materials. The compacted capping layer must also achieve a compaction to 95% maximum dry density which is to be verified by geotechnical testing in accordance with the Capping Compaction Rationale in Section 8.3.1.

The HSL criteria have been derived for sandy soils (due to the variable nature of material types encountered) and the top one metre of soil (due to the surficial nature of capping and final cover). Management Limits have been derived from coarse-grained soil limits. The criteria are presented in the following sections.A decision tree outlining how different criteria is to be applied to appropriately reuse site-sourced material during the remediation works is presented in Figure 11-1 in Section 11.2 of this RAP.

11.3.1 ADOPTED HUMAN HEALTH CRITERIA

Relevant human health criteria are presented in the following table.

Table 11.4 Human Health Criteria

CHEMICAL	COMMERCIAL/INDUSTRIAL	
	HIL (MG/KG)	HSL (MG/KG)
Arsenic	3,000	-
Cadmium	900	-
Chromium (VI)	3,600	-
Copper	240,000	-
Lead	1,500	-
Mercury (Inorganic)	730	-

CHEMICAL	COMMERCIAL/INDUSTRIAL	
	HIL (MG/KG)	HSL (MG/KG)
Methyl Mercury	180	-
Nickel	6,000	-
Zinc	400,000	-
Carcinogenic PAHs (BaP TEQ)	40	-
Total PAHs	4,000	-
DDT+DDE+DDD	3,600	-
Aldrin and dieldrin	45	-
Chlordane	530	-
Endosulfan	2,000	-
Endrin	100	-
Heptachlor	50	-
HCB	80	-
Methoxychlor	2,500	-
PCBs	7	-
Toluene	-	NL
Ethylbenzene	-	NL
Xylenes	-	230
Naphthalene	-	NL
Benzene	-	3
C6-C10 (F1)	-	260
>C10-C16 (F2)	-	NL

11.3.2 ADOPTED EILS AND ESLS

The NEPM (2013) provides ecological investigation levels (EILs), which were developed for metals, naphthalene and pesticides. The EILs take into consideration the physicochemical properties of soil and contaminants and the capacity of the local ecosystem to accommodate increases in the contaminant levels for various land uses including 'areas of ecological significance', 'urban residential and open space' and 'commercial and industrial'.

The NEPM (2013) also provides ecological screening levels (ESLs) which were developed for selected petroleum hydrocarbon compounds and TRH fractions and are applicable for assessing risk to terrestrial ecosystems. ESLs broadly apply to coarse- and fine-grained soils and various land uses.

Based on the types of features and land uses identified at the start of this chapter. The following ecological investigation and screening criteria will apply:

— EIL and ESL commercial and industrial (coarse): WSP note that the site will comprise a new high capacity road or shared transport link pavement. Areas directly below the road or shared transport link pavement do not reflect EIL/ESL C urban residential and open space or commercial and industrial scenario. WSP consider that in areas

where the final land use will comprise road or shared transport link pavement constructed above Tempe landfill there is no plausible exposure pathway to ecological receptors.

Plant species have been selected that will be able to survive in the soil depths which are available, and species have been selected which will not have roots that will penetrate the capping layer or damage the capping layer. As such, the EILs/ESLs will apply to the top 200mm of topsoil only.

For the purposes of this assessment the adopted ESLs are based on a subsurface profile comprising sand (coarse texture).

The EILs are derived using the following equation:

$$EIL = added\ contaminant\ limit\ (ACL) + ambient\ background\ concentration\ (ABC)$$

The ABC is the background contaminant level and requires measurement at appropriate reference points at the site. The ACL, which is provided in the NEPM (2013), is the maximum contaminant concentrations added to the naturally occurring background level, after which may result in an adverse effect on plant health.

Tables 1B(4) and 1B(5) of the NEPM (2013) provide generic EILs for aged arsenic, lead, DDT and naphthalene in soils (irrespective of their physicochemical properties). The generic "commercial/industrial" land use EILs have been considered for this investigation. Aged values are applicable for contamination present in soil for at least two years which is relevant based on the land filling and capping activities undertaken at the site.

Site-specific EILs were derived for chromium (III) copper, nickel and zinc (for the upper 2 m soil profile) using the CSIRO Ecological Investigation Level Calculation Spreadsheet provided online in the ASC NEPM Toolbox (http://www.nepc.gov.au/nepms/assessment-site-contamination/toolbox). These were derived only for material proposed to be reused on site; namely the crushed sandstone layer used to cap the landfilled material.

WSP collected soil samples for physical soil properties analysis: % clay, CEC, pH and % carbon in order to determine ambient background concentrations (ABC) for chromium (III), copper, nickel and zinc. To calculate the aged ABC for chromium, the spreadsheet requires the state and traffic volume to also be entered. These were entered as "NSW" and "high" respectively. WSP collected 10 samples and used historical results from one location (SG-EH-111, AECOM 2019) to derive site specific EILs (refer to Table B1, Appendix B for summary soil properties).

Based on the results obtained, a clay content of 11% was used to calculate the site specific EIL. One sample of sandstone was tested for clay content (11%) which is consistent with typical Hawkesbury sandstone clay content less than 20-25%. For copper, nickel and zinc soil pH, CEC and/or % organic carbon are required to derive site-specific EILs. Based on the results obtained, the following values were used:

— Soil pH: median 8.9;

— CEC: median 3.8 meq/100 g; and

— % organic carbon: median 0.7%

The derived site-specific EILs are presented alongside generic EILs selected for these investigations in the table below.

Table 11.5 Ecological Health Criteria

ANALYTE (MG/KG)	**COMMERCIAL/INDUSTRIAL LANDUSE (D)**		
	EILs-D		ESLs-D, Coarse Soil
	Generic	Site Specific	
TRH C_6-C_{10} minus BTEX (F1)[3]	-	-	215

ANALYTE (MG/KG)	COMMERCIAL/INDUSTRIAL LANDUSE (D)		
	EILs-D		ESLs-D, Coarse Soil
	Generic	Site Specific	
TRH >C_{10}-C_{16} minus naphthalene (F2)[4]	-	-	170
TRH >C_{16}-C_{34}	-	-	1,700
TRH >C_{34}-C_{40}	-	-	3,300
Benzene	-	-	75
Toluene	-	-	135
Ethylbenzene	-	-	165
Total xylene	-	-	180
Naphthalene	370	-	-
Arsenic	160		-
Chromium (hexavalent)	-	700	-
Copper	-	130	-
Lead	1,800		-
Nickel	-	35	-
Zinc	-	410	-
Benzo(a)pyrene	-	-	1.4
DDT	640	-	-

11.3.3 MANAGEMENT LIMITS

The NEPM provides management limits for petroleum hydrocarbons, which are designed to address the risk of the formation of LNAPL, fire and explosive hazards, and effects on buried infrastructure. When management limits are exceeded, further site-specific assessment and management may enable any identified risk to be addressed (i.e. review of soil results by the specialist durability consultant).

Table 1B(7) of the NEPM (2013) provide generic Management Limits for TPH fractions in either coarse or fine textured soils. For the purposes of the Tier 1 assessment, and based on the heterogenous and coarse material observed, the adopted assessment criteria will be based on a subsurface profile comprising sand in a commercial/industrial setting.

Table 11.6 Management Limits for TRH Fractions

TRH FRACTION	MANAGEMENT LIMITS
TRH FI (C_6-C_{10})	700 mg/kg
TRH F2 (>C10-C_{16})	1,000 mg/kg
TRH F3 (>$C1_6$-C34)	3,500 mg/kg

TRH FRACTION	MANAGEMENT LIMITS
TRH F4 (>C34-$C4_0$)	10,000 mg/kg

11.3.4 AESTHETIC CONSIDERATIONS

WSP notes aesthetic considerations should be factored into the site criteria and was considered for any proposed re-use. The amended NEPM, 2013 (Schedule B1, Section 3.6) provides circumstances whereby assessment of aesthetics may be required as part of site suitability assessment. There are no specific numeric aesthetic guidelines and professional judgement is considered applicable. Professional judgement for soil aesthetics will consider a `balanced approach' when considering whether various inclusions within fill materials warrant remediation or management for aesthetic reasons. The end land use will be the primary consideration factor for aesthetic considerations. The main type of issues that relate to aesthetics include stained or discoloured soil, large volumes of inert refuse, unsightly or malodourous soils, leachate production, hydrocarbons sheens and chemical residues. Aesthetic considerations are a requirement in the NSW EPA Site Auditor Guidelines 3rd Edition (2017).

11.3.5 PUTRESCIBLE MATERIAL

The determination of whether a waste can be classified as putrescible or non-putrescible shall be conducted under Step 5 of the NSW EPA (2014) Waste Classification Guidelines. Within this framework waste will only be classified as non-putrescible if:

- It does not readily decay under standard conditions, and
- does not emit offensive odours, and
- does not attract vermin or other vectors (such as flies, birds and rodents).

For onsite assessment multiple lines of evidence will be used during the excavation process to determine if the material possesses putrescible characteristics. In determining the decomposition potential of waste, any of the below factors/components may contribute to a putrescible designation.

- Material consistent with household waste, including soft plastics, food containers, fabric scraps, newspaper
- material consistent with litter
- manure and night soil
- disposable nappies, incontinence pads or sanitary napkins
- food waste
- animal waste
- material removed from the ground with a higher than ambient temperature suggestive of decomposition

11.4 MATERIAL WITH STRONG PUTRID OR DECOMPOSITION ODOURS EMANATING FROM THE MATERIAL ITSELF.ON-SITE MATERIALS (CONTAINMENT)

As discussed elsewhere in this RAP, and in accordance with the acceptance criteria in 11.3, potentially contaminated materials are able to be contained on-site beneath appropriate encapsulation. While a leachate collection and treatment system exists for the greater Tempe landfill area, the individual containment areas across the site are not intended to comprise their own leachate collection and treatment systems themselves. As such, all materials which are to be contained on-site are required to comprise contaminants which are identified as having a low leachability. For the

purpose of this assessment, where materials dubbed for on-site containment meet the CT1 criteria presented in NSW EPA 2014 *Waste Classification Guidelines* and replicated in Table 10.3 in this RAP, no further contaminant leachate assessment (excluding PFAS) is required. The CT1 criteria are considered a suitable base threshold before further leachability characterisation is required.

Where an exceedance of the leachability benchmark (i.e. CT1 criteria) is identified, leachability assessment for re-use will need to consider Toxicity Characteristics Leaching Procedure (TCLP) analysis for the selected contaminant. TCLP has been selected for assessing leachability risk over other methods (e.g. ASLP), as the procedure has been adopted in NSW for its ability to simulate conditions within a waste mound whereas other testing techniques are suited towards assessing leachability under natural conditions. The TCLP1 criteria presented in the Waste Classification Guidelines and summarised in Table 11.3 of this report have been selected for assessing leaching potential of materials to be emplaced within designated containment systems on-site. These thresholds have been selected because they constitute wastes with a low potential to generate leachate which may require treatment by the Tempe landfill leachate capture and treatment system.

WSP note that *Addendum to the Waste Classification Guidelines (2014) – Part 1: Classifying Waste* present SCC/TCLP criteria for classifying PFAS for off-site disposal. However, it is understood that these criteria are derived for disposal of PFAS at waste facilities with leachate collection systems specifically suited for management of PFAS. Considering the containment systems do not have their own leachate collection system and rely on the downgradient collection and treatment system it is not considered that this criterion is suitable for the site. As such, it is considered that only materials with PFOS, PFHxS or PFOA concentrations below the commercial/industrial site suitability criteria presented in *PFAS National Environmental Management Plan (Version 2.0)* are able to be contained on-site (i.e. 20 mg/kg for PFOS and PFHxS and 50 mg/kg for PFOA). WSP note that this corresponds with the current Environmental Protection Licence for the site (EPL 21524) which states “any PFAS contaminated material must be handled and disposed of in accordance with the PFAS NEMP (HEPA 2020)”.

WSP note that materials containing asbestos are able to be contained on-site so long as they are handled in accordance with SafeWork NSW guidance and appropriately encapsulated for the ongoing landuse.

11.4.1 CONTAINMENT MATERIALS (GROUND GAS GENERATION POTENTIAL)

The material that will be contained within the waste mound will generally comprise fill soils and construction and demolition waste. This material generally possesses a low ground gas generation potential and putrescible materials are not proposed to be placed within the waste or noise mounds. In order to demonstrate the low gas generation potential of materials being emplaced within the waste and noise mounds a program of inspection is proposed. This inspection will be supplemented by confirmatory benchmark laboratory testing assessing degradable organic carbon (DOC) of emplaced waste (one sample collected for every 1,000m^3 of soil deposited). The inspection program is detailed further in Section 12.4.2 and Appendix E.

DOC has been selected as the most suitable parameter to act as an analogue for the gas generation potential of materials being placed within the encapsulation mound. The DOC concentrations will be derived from total organic carbon results (TOC) using the calculation presented in Section 12.4.2.1. There are a number of means of calculating the DOC of a waste material including analysis of biological methane potential (BMP) and testing of cellulose and hemicellulose. However, these tests have been considered impractical due to availability of NATA accredited testing laboratories in Australia and impracticalities associated with time required to run analysis (e.g. BMP can take several months to run). Therefore, these tests will not be used to assess DOC.

The trigger values are derived from Table 2-1 of US EPA (2010), *Greenhouse Gas Emission Estimation Methodologies for Biogenic Emissions from Selected Source Categories: Solid Waste Disposal, Wastewater Treatment, Ethanol Fermentation* (US EPA 2010). The triggers have been selected to be reflective of the variable nature of material being placed within the waste mound while also recognising that overall gas risk from the waste mound is dependent on broad elevated concentrations of DOC rather than isolated pockets. Based upon this rationale WSP has selected triggers which assess an average concentration across the waste mass dataset while also providing an absolute maximum concentration (250% of the average concentration trigger). The response to trigger exceedance is presented in Section 12.4.2.1.

Table 11.7 Degradable Organic Carbon Trigger Values

PARAMETER	AVERAGE CONCENTRATION	ABSOLUTE MAXIMUM CONCENTRATION
Degradable Organic Carbon (%w/w)	0.08	0.2

The average concentration trigger has been derived from the DOC for construction and demolition waste in US EPA 2010. Construction and demolition waste is considered to possess a low ground gas generation potential compared to other waste types and are therefore considered a useful analogue for low ground gas generation risk in the waste mound.

11.5 LEACHATE DISCHARGE

The discharge from the leachate treatment plant is required to meet the monitoring criteria presented in the Environment Protection Licence (for discharge directly to Alexandra Canal) and the Trade Waste Agreement (for discharge to sewer) specific to the plant and on-site activities during construction. The table below presents the criteria for system discharge to sewer (discharge to Alexandra Canal is not proposed).

Table 11.8 Leachate/Runoff Discharge Criteria (Sewer) – Trade Waste Agreement (35548)

PARAMETER	STANDARD (MG/L)	LONG TERM DAILY MASS (KG/DAY)	MAXIMUM DAILY MASS (KG/DAY)
Ammonia	100	11	25
Biochemical Oxygen Demand (BOD)	-	28	65
Total Suspended Solids (TSS)	10,000	280	500
Grease	110	0.5	1.5

11.6 LANDFILL GAS MANAGEMENT SYSTEM

11.6.1 DESIGN AND CONSTRUCTION VERIFICATION

It is not the purpose of this RAP to present specific verification parameters for the construction of the landfill gas management system. These specific requirements will be presented in the final Detailed Design and Technical Specification for the system. The RAP requires that all documented design and construction requirements are met. The data confirming verification will be presented in the final validation report for the project. However, key principles of the CQA/validation are presented in the following table.

Table 11.9 CQA/Validation

ITEMS	CQA/VALIDATION
General earthworks and civil works	As per standard quality controls/checks in accordance with the relevant TfNSW specifications, Australian Standards, ASTM and/or other international standards. Documentation in As-Constructed drawings and surveys.
Geomembrane installations (if required)	Geomembranes, where installed, to be installed by an accredited installer and as per manufacturer installation specifications, with CQA inspections and tests completed by a qualified person.

11.6.2 GAS MONITORING CRITERIA

11.6.2.1 SUB-SURFACE GAS MONITORING

For the purpose of this RAP, the modified Wilson and Card risk characterisation system (as presented in NSW EPA 2020) will be adopted for assessment of risk associated with subsurface methane and carbon dioxide concentrations. The system (presented in Table 11.10) assigns a gas screening value (GSV) to a site based on worst case scenario gas flow rates and total concentration. The general equation for calculating the GSV is as follows:

GSV = CH4 or CO2 x Flow

The gas concentration is represented as a decimal percentage (e.g. 20%v/v is represented as 0.2 for the equation) and flow is measured in litres per hour. The GSV is then used to derive a characteristic gas situation (CS) and risk classification for an area which can be applied to general development types. The CS is then used to assign guidance values for gas protection based on land use type and inferred sensitivity. None of the land uses presented in the guidance specifically reference roadways (the intended end land use), however due to the low sensitivity of a roadway (heavily paved surface with minimal enclosed spaces for accumulation and generally low residence time of individual human receptors) it is considered that the least conservative land use be applied (i.e. large commercial and industrial buildings).

Table 11.10: Modified Wilson and Card Classification (NSW EPA 2020)

GAS SCREENING VALUE THRESHOLD (L/HR)	CHARACTERISTIC GAS SITUATION	RISK CLASSIFICATION	ADDITIONAL FACTORS	TYPICAL SOURCES
<0.07	1	Very low risk	Typically methane <1%v/v and/or carbon dioxide <5%v/v, otherwise consider increase to CS2	Natural soils with low organic content. Typical fill
<0.7	2	Low risk	Borehole flow rate not to exceed 70L/hr, otherwise consider increase to CS3	Natural soils with high organic content. Fill
<3.5	3	Moderate risk		Old inert waste landfill Flooded mine workings
<15	4	Moderate to high risk	Consider need for Level 3 risk assessment	Mine workings susceptible to flooding Closed putrescible waste landfill
<70	5	High risk	Level 3 risk assessment required	Shallow, un-flooded abandoned mine workings
>70	6	Very high risk		Recent putrescible waste landfill

No specific criteria are available for the assessment of carbon monoxide and hydrogen sulfide concentrations in subsurface monitoring points. As such indicative thresholds have been adopted based upon time weighted averages for these gases in Safe Work Australia (2019), *Workplace Exposure Standards for Airborne Contaminants*:

— Carbon monoxide: 30 parts per million.

— Hydrogen sulfide: 10 parts per million.

— Carbon dioxide; 5,000 parts per million (breathing zone only)

— Oxygen; 19.5% (breathing zone only, *AS 2865 - 1995 Safe Working in a Confined Space*)

WSP note that these thresholds are based on concentrations in the open air and as such are highly conservative when applied to subsurface gas monitoring results.

11.6.2.2 SURFACE LANDFILL GAS

For the purposes of surface gas monitoring, WSP has applied the threshold level from NSW EPA (2016), *Environmental Guidelines: Solid Waste Landfills* for the characterisation of surface gas emission risk on the site. In the context of the guidance, this threshold (500 parts per million for methane) is intended as a trigger for further investigation or corrective action on a licenced landfill. WSP note that while the site is no longer an active landfill, the threshold is still relevant as its intent is to characterise potential risk to infrastructure and human receptors on the site.

12 VALIDATION

12.1 CAPPING LAYERS

Material to be used in capping is to be chemically characterised as per the methodology presented in Figure 12-1. WSP notes that the samples collected as part of the in-situ waste classification will be used to establish which excavated materials can be beneficially reused on-site.

The capping construction will be validated through compliance against the approved detailed design, technical specification and Capping Compaction Rationale in Section 8.3.1. These documents are currently under preparation and will establish the performance standards which capping layers can be validated against..

Key pieces of data which will be used to validate the capping system constructions against will include (but not necessarily be limited to):

- Suitability of capping material.
- Specifications of material used in the capping including testing parameters and comparison against performance parameters outlined in the technical specification.
- Inspection test plans signed off by relevant experienced and qualified personnel.
- Verification of capping depth using survey.
- As built drawings and survey drawings presenting the completed system.
- Other CQA documentation outlined in the technical specification document (GT-1015 Report - Landfill Capping, Gas Assessment and Monitoring Report).

12.2 ON SITE SOILS – BENEFICIAL REUSE

The decision tree below presents how site-sourced materials shall be assessed and reused on-site during the remediation works. This decision tree refers to material sourced from within the auditable area only. Materials derived from other sections of Project (i.e. outside the auditable area) should be assessed as per the imported material protocol presented in Section 12.3.

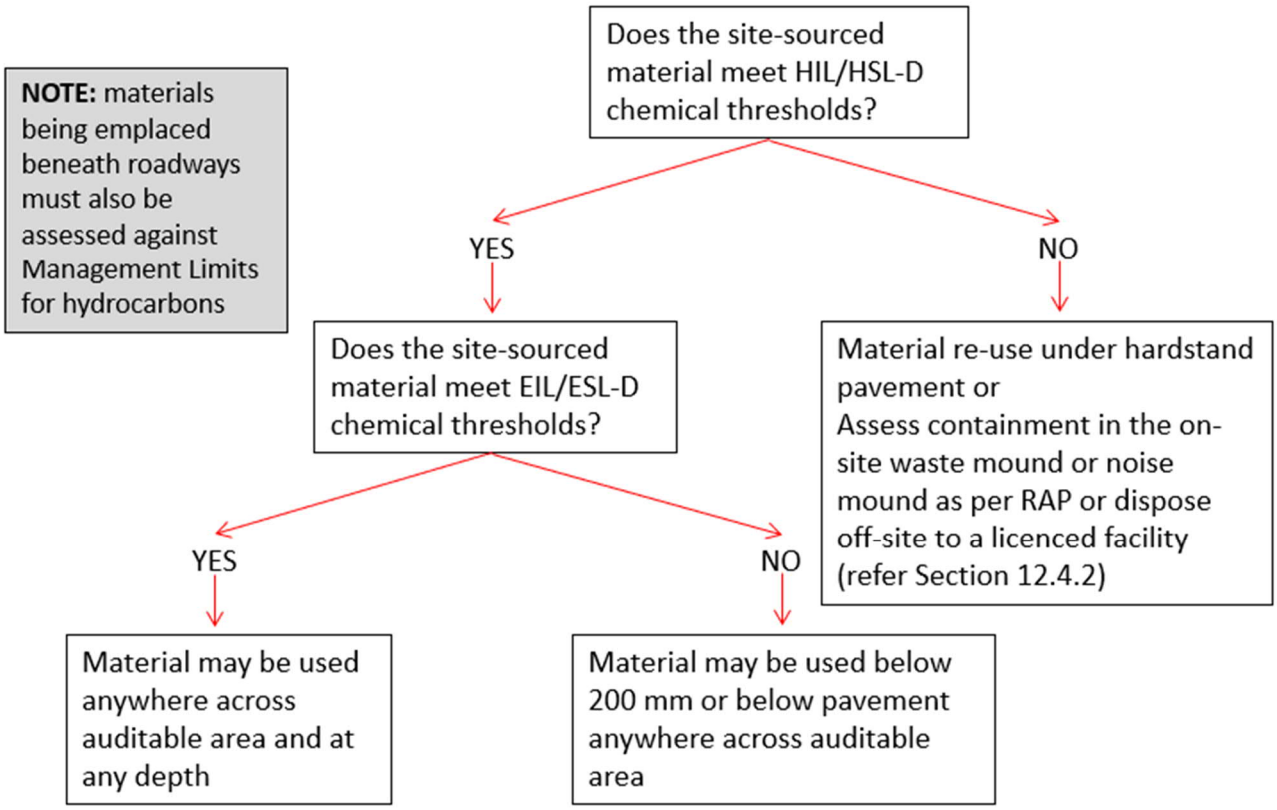


Figure 12-1 Site-Sourced Material Beneficial Reuse Validation Decision Tree

WSP notes that the samples collected as part of the in-situ Waste Management and Characterisation Report (WSP 2021c) will be used to establish which excavated materials can be beneficially reused on-site and additional chemical testing will only be required if excavation occurs outside of the in-situ grid boundary (either vertically of laterally) or further contaminant delineation is deemed necessary (i.e. unexpected finds).

Where additional chemical testing is required, material sourced from the site will be characterised for site suitability by applying the following validation procedure:

- Collection of one sample per 200 m^3 for less than or equal to 1,000 m^3 of material being beneficially reused and one sample per additional 1,000 m^3 thereafter along with relevant QA/QC samples at the rate outlined in Section 12.8 for analysis of the following parameters:
  - Heavy metals (As, Cd, Cr, Cu, Pb, Hg, Ni, Zn).
  - Total petroleum hydrocarbons (TPH).
  - Benzene, toluene, ethylbenzene, xylenes (BTEX).
  - Polycyclic aromatic hydrocarbons (PAH).
  - PFAS (short list).
  - Asbestos (presence/absence)

Analytical results will be compared to the relevant assessment criteria as defined in the decision tree above.

12.2.1 VALIDATION FOR CAPPING MATERIAL (EXCLUDING 200MM TOPSOIL LAYER)

Material from the following grid designations (based on the in-situ WSP2021c investigation) **will NOT** be considered for beneficial re-use within the capping material: -

- Grid classified as hazardous waste (ANY depth)
- Grid classified as special waste (ANY depth)
- Specific grid horizons classified as restricted solid waste
- Horizon specific grid exceedance for NEPM HIL/HSL-D
- Horizon specific grid exceedance for management limits

Other material may be considered for beneficial re-use based on geotechnical suitability. These materials may comprise general fill soils (identified within the landfill mass) with minimal foreign materials (i.e. visually assessed to comprise less than two percent of the total mass).

General fill soils deemed geotechnically suitable will be segregated and stockpiled in a designated "clean" area. The material shall be placed in a stockpile with maximum height of 1.5 m for inspection by the validation consultant.

For the material identified as the "historically imported sandstone cover", quantitative NEPM Screening for asbestos was conducted which demonstrated that the "sandstone cover" is suitable for beneficial re-use from an asbestos perspective (compliant with NEPM HSL-D criteria). For material from the other horizons to be used for any purpose (other than being capped), the following is required in unpaved areas:

- Initial visual inspection of the entire stockpile surface.
- Asbestos quantification must be conducted in accordance with NEPM (2013)/WA DoH (2009) by collection of 10L samples at a minimum:
- For ACM and friable asbestos (FA), a 10 L sample will be collected and screened on-site through a ≤7 mm sieve. Any ACM/FA retained on the sieve (i.e. >7 mm in size) will be weighed, bagged and sent to the primary laboratory for analysis. For analysis of asbestos fines (AF) a separate sample of approximately 500 mL will be collected in a bag. This 500mL sample will be sent to the laboratory for sieving and gravimetric determination of asbestos (<7 mm).
- Sampling density should meet NEPM (2013)/WA DoH (2009) requirement (e.g. for stockpile it is 1 in 70m3).

12.2.2 VALIDATION FOR TOPSOIL LAYER

The material must be compliant with EIL/ESL-D based on the in-situ WSP2021c investigation. The material shall be validated as per Section 12.2.1.

In addition, material will be required to be assessed for aesthetic considerations as per Section 11.3.4 of this RAP if it is to be placed in the top 200 mm of unpaved surfaces. No visible asbestos containing material to be present within the topsoil material or final ground surface.

12.2.3 OTHER BENEFICIAL REUSE

For any additional identified beneficial re-use either of the following requirements will apply:-

- Material is compliant with HIL-D/HSL-D/NEPM Management Limits based on the in-situ WSP2021c investigation and further validated in accordance with Section 12.2.1; or
- Material is compliant with HIL-D/HSL-D based on the in-situ WSP2021c investigation and material is capped with a geofabric marker layer, BIDIMA24 or equivalent and a minimum 500 mm validated clean material.

12.3 IMPORTED MATERIAL

All materials to be imported onto the auditable area are required to be imported as per the procedures outlined in JHSWJV (September 2021), *Construction Waste Management Plan* (CWMP). All materials being imported onto site under a resource recovery order will be required to have been sampled as per the requirements of the order.

The decision tree below presents how imported material is to be assessed for site suitability across the auditable area.

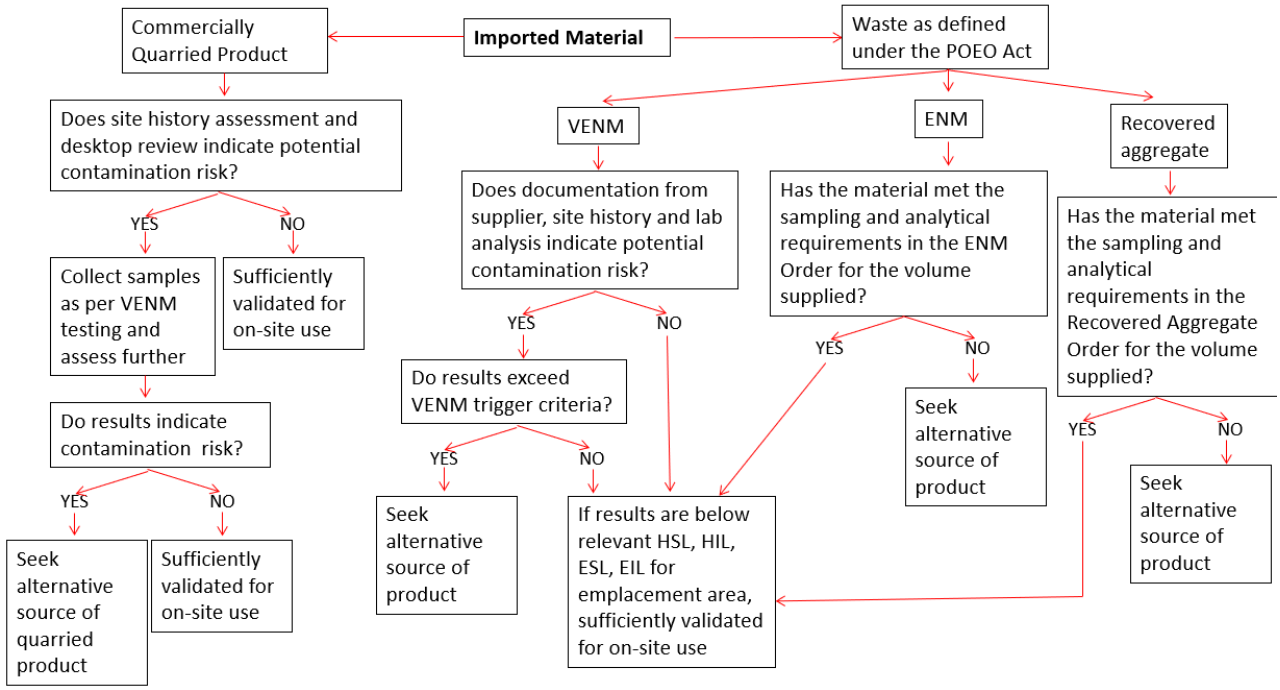


Figure 12-2 Imported Material Validation Decision Tree

The following sections discuss the detailed sampling and validation requirements which need to be implemented during the remedial works for imported materials.

12.3.1 COMMERCIALLY QUARRIED PRODUCT

Because commercially quarried product constitutes a commercial product and does not meet the definition of a "waste" in the *Protection of the Environment Operations Act 1997*, the standard waste characterisation process that is applied to wastes does not apply. The validation requirements for commercially quarried product are as follows:

— Assessment of details of the source site including material specifications, source-site history and any available chemical assessment.

— If the initial assessment indicates a potential for historic contamination, undertake sampling and analysis as per the requirements for Virgin Excavated Natural Material below and the JHSWJV *Material, Waste and Resource Importation Process*. Otherwise, no specific contamination testing would be required.

The validation consultant will require the details of the source-site assessment, any chemical analysis and results comparison and the verification inspection records to assess suitability of material and incorporate into the final validation report.

12.3.2 VIRGIN EXCAVATED NATURAL MATERIAL

NSW EPA (2014), *Waste Classification Guidelines – Part 1: Classifying Waste* defines VENM as natural material (such as clay, gravel, sand, soil or rock fines):

- That has been excavated or quarried from areas that are not contaminated with manufactured chemicals, or with process residues, as a result of industrial, commercial, mining or agricultural activities.
- That does not include sulfidic ores or soils, or any other waste.

Virgin Excavated Natural Material sourced from off-site will be characterised for site suitability by applying the following validation procedure:

- Assessment of details of the source site including material specifications, source-site history and any available chemical assessment.
- Collection of confirmatory samples along with relevant QA/QC samples from each source site for analysis of the following parameters:
  - Heavy metals (As, Cd, Cr Cu, Pb, Hg, Ni, Zn).
  - TRH.
  - BTEX.
  - PAH.
  - Phenol.
  - Organochlorine pesticides (OCP).
  - Polychlorinated biphenyls (PCB).
  - PFAS (short list).
  - Asbestos (presence/absence).
  - Any additional analytes stipulated in the JHSWJV *Material, Waste and Resource Importation Process*.
- Preparation of a letter report detailing:
  - Aspects of the source site including history and existing landuse.
  - Product details and intended usage.
  - Tabulated analytical results compared against relevant criteria (Refer to Table 11.1).
  - Conclusion of suitability of material imported from quarry.

The validation consultant will require the details of the source-site assessment, any chemical analysis and results comparison and the verification inspection records to assess suitability of material and incorporate into the final validation report.

12.3.3 RESOURCE RECOVERY ORDER EXEMPTED SOIL AND RECOVERED AGGREGATE MATERIALS

All material imported to the site under a resource recovery order (RRO) and exemption (RRE) must have undergone the required sampling and testing regime required to be able to be beneficially reused under that exemption. All results must be demonstrated to meet the acceptance criteria for the specific order prior to the material being imported to site.

All materials imported under a general or specific exemption are required to be used for the purposes specifically prescribed in the exemption.

Any materials found to be non-compliant with the relevant exemption and order or with identified asbestos are to be rejected from importation.

The validation consultant will require the details of the source-site, chemical and material composition analysis and results comparison and the verification inspection records to assess suitability of material and incorporate into the final validation report. Material supplied under an RRO must meet the verification requirements of the JHSW *Material, Waste and Resource Importation Process.*

12.4 WASTE AND NOISE MOUND

12.4.1 CAPPING

Material to be used in capping of the waste and noise mound is to be assessed for re-use as per Section 12.2 and the decision tree presented in Figure 12-1 and Figure 12-3.

The waste mound is situated in an area with limited public access and is therefore attributed a commercial/industrial landuse scenario for chemical characterisation purposes.

The capping construction will be validated through compliance against the approved detailed design, technical specification and capping compaction rationale requirements under in Section 8.3.1, as well as any other relevant technical guidance. Key pieces of data which will be used to validate the system construction will include (but not necessarily be limited to):

- Specifications of material used in the capping including testing parameters and comparison against performance parameters outlined in the technical specification.
- Inspection test plans signed off by relevant experienced and qualified personnel.
- As built drawings and survey drawings presenting the completed system.
- Other CQA documentation outlined in the technical specification document.
- Compliance with the Capping Compaction Rationale to demonstrate low permeability of cap.
- The cap must contain < 2% anthropogenic impacts.
- The compacted capping layer must achieve a compaction to 95% maximum dry density which is to be verified by geotechnical testing

12.4.2 WASTE MASS AND NOISE MOUND MATERIALS

The waste and noise mound will comprise a range of materials sourced during the excavation works required during construction across the auditable area. The majority of materials will comprise soil fill and construction and demolition waste, which has been identified to contain heavy metals, PAHs and asbestos. The assessment of suitability of the waste material for inclusion within the waste or noise mounds will be undertaken using the following decision tree.

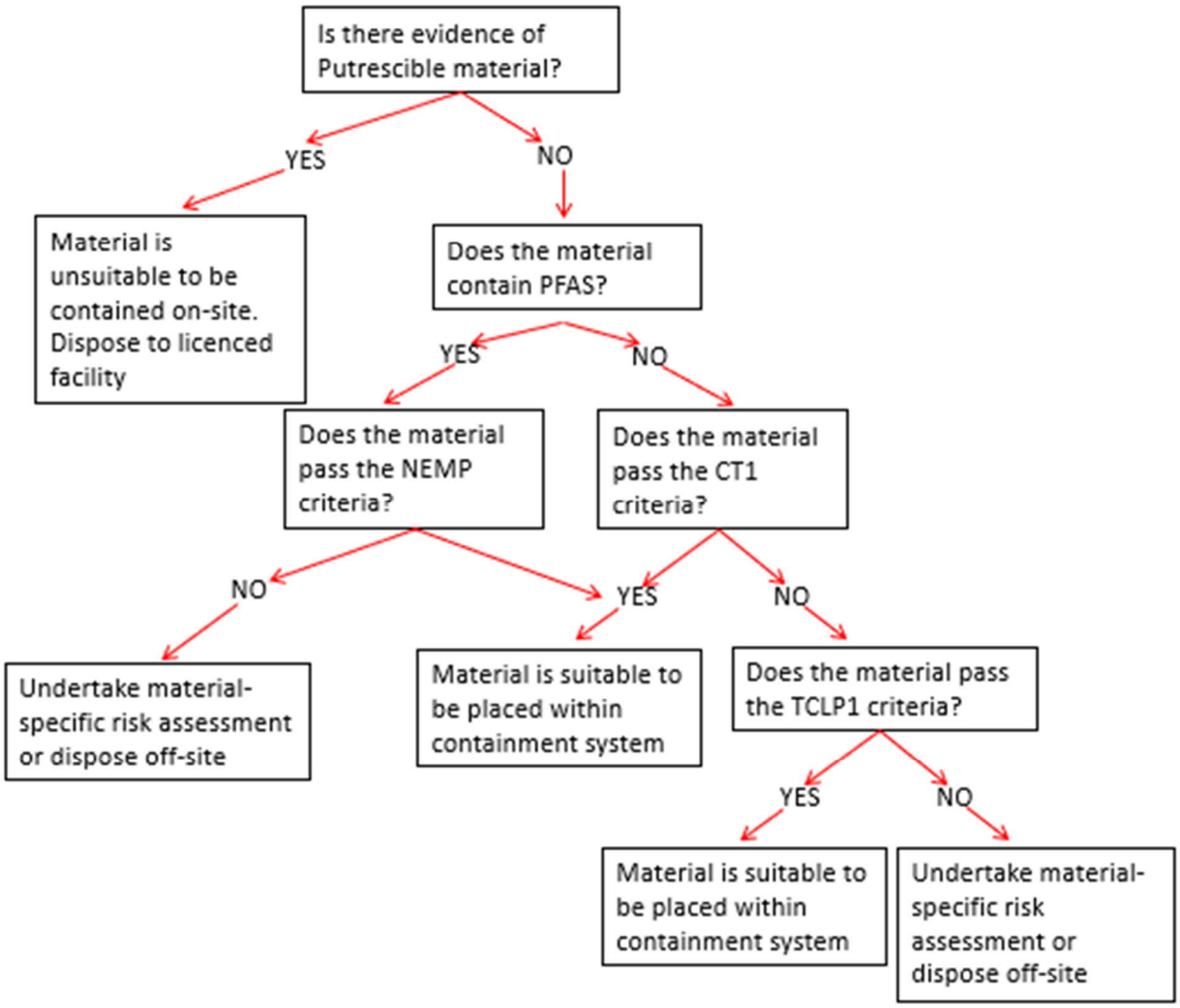


Figure 12-3 Material Containment Validation Decision Tree

12.4.3 VALIDATION OF GROUND GAS ABSENCE

Although putrescible materials are not intended on being retained onsite, verification that ground gas generation of material emplaced within the waste mass and noise mound will not occur, will be validated through compilation of the inspection observations (in the form of field note and site diary inputs as well as photographic evidence) and confirmatory (benchmark) laboratory analysis.

The inspections will be undertaken by a suitably trained individual (either the validation consultant or an appropriately trained project contractor). For detail on the encapsulation mound material inspection procedure refer to Appendix E of this RAP.

Confirmatory samples will be used to benchmark visual observations and will be collected for at least every 1,000 cubic metres of soil transported to the waste or noise mound area. The samples will be selected from a standard mix of materials being brought into the waste mound work area at the time of sampling. Each sample will be analysed for total organic carbon (TOC). The results for TOC will be used to calculate the degradable organic carbon (DOC) content of the sample using the calculation presented in Hesse (1971), *A Textbook of Soil Chemical Analysis* and replicated in Wilson, et.al. (2009), *Ground Gas Handbook*:

$$DOC = \frac{TOC}{1.33}$$

Note: TOC is the decimal percentage result (i.e. 10% TOC is reflected as 0.1 in the calculation).

The results will be compared to the adopted threshold presented in Section 11.4. The intent of the testing is to provide confirmation that the material observation and handling procedure is being implemented appropriately and that it continues to be suitable for isolating materials with an elevated ground gas generating potential. Any failures of the DOC criteria will trigger a review of the inspection procedures in the field and the revision of the inspection and material acceptance system presented in Appendix E of this RAP..

12.5 LANDFILL GAS MITIGATION (BENEATH ROADWAY)

12.5.1 CONSTRUCTION VALIDATION

The construction of the landfill gas mitigation system will be in accordance with the Tetra Tech (September 2021), *Sydney Gateway – Stage 1 and 3, Landfill Capping, Gas Assessment & Monitoring Report (GT-1015)* and validated through compliance of the construction against the approved detailed design and technical specification as well as any relevant technical guidance (as identified in the technical specification document). The Technical Specification which will be developed as an ITP once the design is approved/certified for construction, will require auditor endorsement.

Key pieces of data which will be used to validate the system construction will include (but not necessarily be limited to):

- A set of ‘for construction’ drawings
- Specifications of material used in system construction including testing parameters and comparison against performance parameters outlined in the technical specification.
- Verification requirements for system components (including hold points for independent verification/ auditor inspections)
- Inspection test plans signed off by relevant experienced and qualified personnel.
- As built drawings and survey drawings presenting the completed system.
- Contingency triggers and actions
- Post construction monitoring requirements to ensure system performance
- Post occupancy monitoring requirements to account for seasonal effects
- Other CQA documentation outlined in the technical specification document.

Although not a direct validation requirement of the gas system in the roadway, confirmation that investigation boreholes within the project footprint are backfilled and plugged with a minimum 0.5 m bentonite seal (or equivalent) is required to verify no preferential gas migration pathways to surface.

12.5.2 VALIDATION OF SYSTEM EFFECTIVENESS

The system effectiveness will be assessed by implementing a surface and sub-surface landfill gas monitoring program. The data from the four monitoring rounds will be used to measure system effectiveness and assist in validation of the gas mitigation system. The validation monitoring works are to be undertaken in accordance with Tetra Tech (September 2021), *Sydney Gateway – Stage 1 and 3, Landfill Capping, Gas Assessment & Monitoring Report (GT-1015)* including specific requirements under Section 5.5 of the GT-1015 document.

Each well comprising the ongoing monitoring well network are to undergo investigation prior to commencement of the monitoring works. This investigation should involve measurement of well depth and depth to groundwater using a calibrated interface probe and measurement of the top of the screened zone using a down hole camera or similar

As noted in Section 4.5. A potential data gap exists between gas monitoring point GW22s and GW9. To close the potential data gap and enable appropriate characterisation of risk to commercial premises on Smith Street, and additional monitoring point should be added. The installation of an additional monitoring point is subject to an appropriate point of installation being available and agreement with the current owners and/or occupants under an access agreement. Should installation not be available, an alternative approach to address this data gap should be agreed with the Auditor.

It should be noted that ongoing sub-surface gas monitoring is anticipated to continue as part of the requirements of the post-construction EMP (discussed further in Section 14). Because the objective of this monitoring program is to assess the ongoing performance of the system rather than validation of its initial effectiveness, it will be detailed further in the post-construction EMP.

The sections below detail the monitoring works to be undertaken during each of the four rounds.

12.5.2.1 SURFACE GAS MONITORING

The monitoring protocol for assessment of surface gas risk has been developed in accordance with NSW EPA (2016), Solid Waste Landfills.

MONITORING EQUIPMENT

A number of pieces of monitoring equipment are available for surface gas monitoring. In the past the industry standard for equipment type was the flame ionisation detector (FID). This is still considered an effective piece of equipment for surface gas monitoring, however it is becoming less common as the companies who originally made them have ceased production and replacement parts have become less common. Additionally, questions are often raised about intrinsic safety of this meter when operating on off-gassing landfill sites.

The most common replacements for the FID have been meters that utilise laser spectroscopy to detect methane (e.g. the Inspectra Laser® developed by Gazomat™). These meters produce similar results to the FID (flammable gas concentrations in parts per million among other selected analytes) while also being generally considered intrinsically safe for use on a landfill (depending on the particular model).

The data collected in the field with the selected surface gas meter presents a primary line of evidence for establishing surface emission of ground gas. As such the quality of the data is integral. The selected monitor shall be within calibration and calibration certificates will be retained and incorporated into the final validation report.

PREFERRED MONITORING CONDITIONS

Surface gas monitoring should be undertaken during a period of low rainfall and very atmospherically stable conditions. Works should be undertaken during a period where wind is less than 10 kilometres an hour. Therefore, weather reports should be consulted prior to selecting the monitoring day to minimise the risk of it being too windy to undertake the works. Where monitoring is unable to be undertaken during preferred atmospheric conditions, technical justification will be required.

Generally, weather conditions are more stable in the early morning before heat from the sun is able to increase surface turbulence. Therefore, it is recommended that surface gas monitoring be undertaken in the morning. Atmospheric data from the nearest Bureau of Meteorology Weather Station (Sydney Airport) will be retained and reported in the final validation report.

MONITORING PROTOCOL

Monitoring will be undertaken in transects at the interface between the paved roadway and the unpaved surface. The validation consultant will walk the transects across the auditable area and record outputs from the calibrated field meter. The results are to be compared to the criteria presented in Section 10.6.2.2 of this RAP.

When undertaking surface gas monitoring the inlet to the gas meter should be held approximately 5 cm above the ground surface as the validation consultant walks along the monitoring transect. The consultant should record the concentrations identified while progressing along the monitoring grid.

If a sharp spike in concentrations is identified the validation consultant should inspect the ground surface looking for cracks, leachate/water seepage or dead vegetation or using the monitoring equipment to identify localised spikes. If a definitive emission source is identified the location of this point should be located with a GPS and noted down in the consultants field notes.

12.5.2.2 ACCESSIBLE SERVICE PIT MONITORING

Accessible service pit monitoring will be undertaken in a similar fashion to surface gas monitoring. For discussion on preferred atmospheric conditions and monitoring equipment refer to Section 11.5.2.1.

Locations of accessible service pits are to be confirmed with service drawings and monitoring points (be they manholes, grates or other surface penetrations) are to be located with a GPS so that multiple monitoring events can be undertaken at individual locations.

When accessible service pit monitoring is being undertaken a range of levels in the air column should be assessed (where possible). Gases such as methane will likely rise to the highest point within a void whereas other gases such as hydrogen sulfide may pond at lower levels depending upon atmospheric conditions (such as barometric pressure and general turbidity of air masses).

As with surface ground gas monitoring, maximum concentrations for target bulk gases should be recorded. If possible, where concentrations are identified as elevated above background and approaching or exceeding the selected threshold (refer to Section 10.6.2.2 of this RAP), the field consultant should attempt to establish a potential infiltration source by holding the inlet to the monitoring equipment to any cracks or surfaces through which gas may be flowing in an attempt to establish the point of ingress. If a point of ingress is identified this should be noted down on a site plan and field notes.

12.5.2.3 SUB-SURFACE GAS MONITORING

MONITORING EQUIPMENT

The monitoring equipment will include a landfill gas meter (GA5000, GFM430 or similar) which can monitor methane (%v/v), carbon dioxide (%v/v), oxygen (%v/v), carbon monoxide (ppm), hydrogen sulfide (ppm) and flow rate (L/hr) and an oil/water interface probe. Water levels in each well will be measured with an interface probe. The equipment will be kept in full working order for the duration of the project and also be appropriately calibrated as per the specification of the specific model. Calibration and service documentation will be retained for the meters for reference by relevant parties and inclusion in the final validation report.

MONITORING NETWORK

The well network to be monitored as part of the validation works will include GW1 (or GW1A), GW2, GW3, GW5 (or GW5A), GW6 (or GW6A), GW9A, GW10A, GW11A, GW12A, GW13A, GW14, GW16, GW19A, GW21A and GW22sv. The location of these wells is presented in Figure 12-4 below. Note that the other wells portrayed on this figure are for reference to the existing subsurface gas monitoring dataset only and do not form part of the validation network.

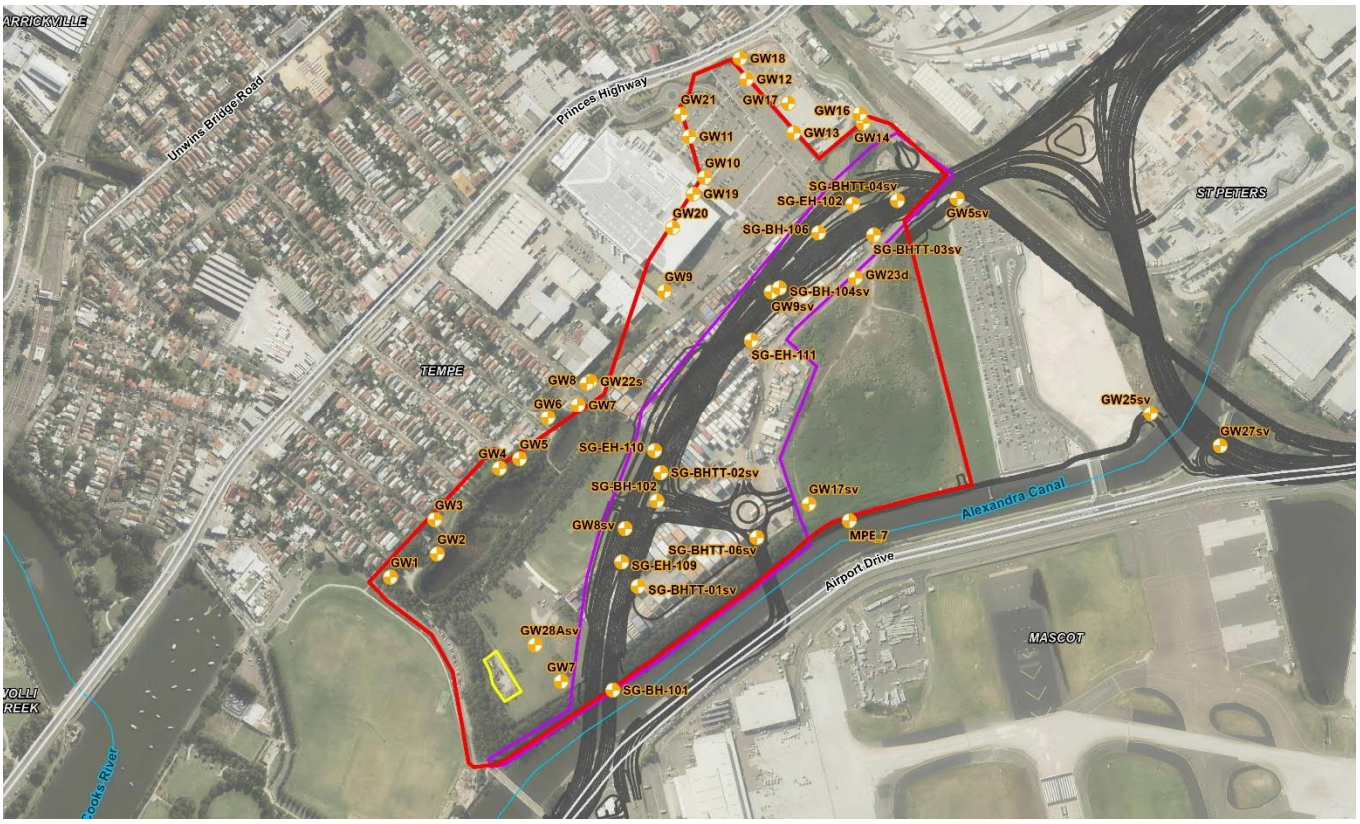


Figure 12-4 Gas Monitoring Well Network

MONITORING PROTOCOL

The general protocol for sub-surface gas monitoring is as follows:

- Where possible within the required timeframe for each event, the fieldwork will be undertaken during a period of low or falling barometric pressure in order to target likely worst case atmospheric conditions. Additionally, where possible periods of rainfall are to be avoided.
- Prior to commencing the subsurface monitoring, each of the selected locations within the network are to be inspected to ensure that they have been fitted with appropriate gas monitoring caps.
- Note down date and time of monitoring and identifier of the monitoring location on the field sheet. Date and time may be required at a later date when comparing results to specific atmospheric conditions at the time of monitoring. Visual observations of weather conditions on the day of monitoring should also be recorded.
- Affix the gas meter tube to the nozzle on the gas cap and commence by monitoring flow rate within the monitoring well. Flow rate should be measured until it has stabilised. Periodic changes in flow rate should be recorded.
- Following completion of flow rate monitoring, undertake total gas monitoring. Monitoring should be undertaken until all parameters have stabilised sufficiently. Maximum and stabilised concentrations of methane, carbon monoxide, hydrogen sulfide and carbon monoxide and minimum and stabilised concentrations of oxygen should be recorded on the field sheet.
- Following completion of flow and total gas concentration monitoring, remove the meter from the gas cap and remove the gas cap from the top of the monitoring well. Then proceed to use the water dipper or interface probe to measure groundwater level within the monitoring well as well as base of monitoring well to inspect for silting or blockages over time.
- Following groundwater level monitoring, re-affix the gas cap to the monitoring well and proceed to the next monitoring point.

MONITORING ZONES AND DATA INTERPRETATION

The derivation of gas screening values (GSV) and characteristic gas situations (CS) are to be undertaken by splitting the data from specific wells into four separate monitoring zones. These monitoring zones were introduced in WSP (2021), *Landfill Gas Risk Assessment, Former Tempe Tip* and comprise:

- Zone A1: Representing gas concentrations on the "landfill side" of the passive ventilation trench running to the south of the Salvation Army building and through Ikea (monitoring wells GW9A, GW10A, GW12A, GW13A and GW14).
- Zone A2: Representing gas concentrations on the "receptor side" of the passive ventilation trench running to the south of the Salvation Army building and through Ikea (monitoring wells GW11A, GW16, GW19A and GW21A).
- Zone C1: Representing sub-surface gas concentrations adjacent to the north-western residential premises (monitoring wells GW1 (GW1A), GW2, GW3, GW5 (GW5A) and GW6 (GW6A)).
- Zone C2: Representing sub-surface gas concentrations adjacent to the Smith Street commercial premises (monitoring well GW22sv).

The GSV and CS of each of these monitoring zones are to be calculated as per the methodology presented in Section 10.6.2.1 and compared to the thresholds in Table 10.11 of this RAP. The results should then be compared to the baseline CS presented in the WSP (2021), *Landfill Gas Risk Assessment, Former Tempe Tip*. These baseline characteristic gas situations are presented below.

- Zone A1: CS of 3 (Moderate Risk).
- Zone A2: CS of 2 (Low Risk).
- Zone C1: CS of 1 (Very Low Risk).
- Zone C2: CS of 2 (Low Risk).

If the monitoring results demonstrate that the CS for the monitoring zones are either unchanged or have dropped then this would be considered to adequately demonstrate that the roadway and the landfill gas mitigation system are not deleteriously influencing existing sub-surface gas migration towards sensitive receptors.

12.6 LEACHATE TREATMENT

12.6.1 LEACHATE SYSTEM MAINTENANCE AND CLEANOUT

Key items which will be used to adequately validate that the system has been inspected, maintained, cleaned and where required, upgraded or repaired will include the following:

- Documentation demonstrating that inspection and maintenance on system components have been undertaken as per the maintenance intervals stated in Table 2 of *Tempe Lands Remediation – WC201: Operation and Maintenance Manual Leachate Collection System (Revision 03)* (the Manual).
- Maintenance and inspection checklists which demonstrate compliance with the Manual and detail actions/repairs undertaken.
- Updated leachate collection system register indicating components which have been repaired and/or replaced alongside material/product purpose and manufacture details and technical/manufacturer documentation demonstrating fitness for purpose and warrant from the installer demonstrating components were installed properly.
- Any other CQA documentation (including inspection test plans), which may be required to demonstrate compliance to relevant technical specifications.
- For any new installations/upgrades to the system, "As Installed" or "As Built" documentation such as drawings, etc.

12.6.2 TREATED LEACHATE DISCHARGE

Based upon the previous Trade Waste Agreement (no. 35548) and the application for an updated TWA, monitoring should be undertaken through composite sampling every 22 days and include sampling of the parameters listed in the TWA. The final monitoring and analytical protocol will be undertaken based on the regularity and sampling techniques outlined in the finalised Sydney Water TWA for the system. Relevant analytes and discharge criteria are presented in Table 10.8 of this RAP.

This component of the validation will be updated upon finalisation of the Sydney Water TWA (which is currently in draft and under negotiation between JHSWJV and Sydney Water).

12.7 MATERIAL HANDLING VALIDATION

Refer to Section 7.4 for further information on material handling and tracking during the project works. The validation consultant will review the waste classification reports, waste tracking documentation and the reports from periodic audits, inspections and monitoring by JHSWJV to provide input into the final Validation Report relating specifically to both internal material management and off-site disposal of wastes generated within the auditable area during the remediation phase.

The material handling validation will also review details of material importation including compliance against resource recovery requirements, chemical suitability for intended use, volume imported, date of importation and final location on the site.

12.7.1 SOIL SAMPLING METHODOLOGY

Environmental consultants undertaking the fieldwork will have demonstrated relevant experience in site assessment.

The field works methodology to be implemented to ensure the collection of adequate data is provided in the following sub-sections. Sample contamination is of particular importance for PFAS sampling, predominantly due to the generally very low environmental guidelines (ecological criteria in particular) and due to the ubiquity of PFAS compounds in a range of consumer goods. The objective of these investigations is to assess PFAS concentrations with respect to waste classification and material management for which the assessment criteria are multiple orders of magnitude higher than the laboratory LORs. As such, the impact of minor cross contamination on the outcome of these investigations would lower significantly. Nonetheless, the following general measures, adapted from recommendations in the PFAS NEMP 2.0 (2020) will be taken for all fieldwork to minimise the potential for cross-contamination:

- Clothing, footwear and personal protective equipment (where practicable) used on site will not be new and/or will not come into contact with samples.
- The use of body care products and sunscreen will not be restricted as it may affect the health and safety of field scientist. However, no body care products or sunscreen are to be stored with sampling equipment and/or samples. In addition, hand washing and the use of disposable gloves during sampling will be undertaken.
- Teflon material will not be used for sampling that is to include PFAS analysis. Teflon-lined jars will be dedicated to the sampling of other COPCs.
- Food wrappers or foil will not be used for sampling and will not come into contact with samples. Should they be brought to site for personal food consumption, hand washing prior to sampling will be undertaken. In addition, nitrile gloves during sampling will minimise the potential for cross-contamination to occur.
- Waterproof papers, sticky notes and labels will not be used during sampling. Data collection will be undertaken electronically using a tablet device. Should paper and/or labels require handling during field works, handwashing prior to sampling will be undertaken. In addition, nitrile gloves during sampling will minimise the potential for cross-contamination to occur.

Specific aspects of fieldwork methodologies that have been adapted to be suitable for all COPCs including PFAS (decontamination, storage and trip blanks for example) are described below.

Disposable nitrile gloves will be worn and changed before collecting each sample. All samples will be collected directly in laboratory supplied containers, stored at cool temperatures prior to and during transport and will be forwarded to the nominated laboratories. Samples will be placed in glass jars with Teflon lined lids, zip lock bags and/or HDPE jars depending on the analyses proposed:

- samples to be tested for PFAS will be placed in HDPE jars;
- samples to be tested for asbestos will be placed in zip-lock bags;
- samples to be tested for COPCs other than PFAS and asbestos will be placed in glass jars with Teflon-lined lids.

In-field assessment of asbestos containing material (ACM) will be undertaken by passing a 10 L soil sample through a 7 mm sieve will be undertaken at each location. Where suspected ACM is identified, a sample fragment will be submitted for asbestos identification testing. If field observations identify significant quantities of asbestos fines (AF) or friable asbestos (FA), laboratory per cent weight on weight (% w/w) analysis will be undertaken. All collected soil and fragment asbestos samples will be submitted to a NATA accredited laboratory

Non-dedicated field equipment will be decontaminated between sampling locations to minimise the potential for cross contamination. The excavator bucket will be decontaminated using potable water only between test pit locations. Other reusable equipment (trowel) will be decontaminated between each sampling location using deionised water and a PFAS-free detergent (Liquinox®).

Disposable nitrile gloves will be worn and changed before collecting each sample.

One rinsate blank will be collected per day (or every 10 samples for PFAS rinsates) if required and analysed for the contaminants of concern.

A photo-ionisation detector (PID) will be used as an indicative tool to screen each soil sample to assist in identifying samples for additional analysis. PID screening results will be taken from a sealed plastic bag with sufficient headspace to allow for vapours to accumulate prior to measurement.

Field and laboratory soil duplicates will be collected simultaneously as split samples without prior homogenisation to minimise the potential loss of volatiles. Duplicate samples will be collected from the same soil horizon as the primary sample, from as close to the primary sample as practicable and using identical sample collection procedure. Sample duplicate pair details will be recorded in the WSP field records but not provided to the laboratories to ensure “blind” duplicate results are obtained.

Field and laboratory soil duplicates will be analysed as follows:

- intra-laboratory duplicate samples at a rate of 1 in 10 primary samples for PFAS analysis;
- intra-laboratory duplicate samples at a rate of 1 in 20 primary samples for other COPCs;
- inter-laboratory duplicate samples at a rate of 1 in 10 primary samples for PFAS analysis; and
- inter-laboratory duplicate samples at a rate of 1 in 20 primary samples for other COPCs.
- The trip blanks will consist of laboratory-supplied vials containing acid-washed quartz sand or deionised water. One trip blank will be analysed per sample batch. These samples will be analysed for the purpose of monitoring for contamination during sampling or transit. The trip blanks will be analysed for TRH (C_6-C_{10}) and BTEXN and PFAS compounds.

12.8 GROUNDWATER AND SURFACE WATER

Validation of groundwater and surface water within and surrounding the project area is required to verify the development does not result in an increased impact to Alexandria Canal. All groundwater and surface water monitoring

requirements during construction and post-construction (if required) will be undertaken in accordance with the following JHSW plans:

— SGWPW-JHSW-NWW-PM-PLN-000520 *Contaminated Aquatic Sediments in Alexandria Canal Management Sub Plan SSI 9737*

— SGWPW-JHSW-NWW-PM-PLN-000515 *Soil and Water Management Sub Plan*

Any post completion monitoring will be managed in accordance with the LTEMP.

12.9 DATA QUALITY INDICATORS

The Data Quality Indicators (DQIs), used to measure achievement of the Data Quality Objectives presented elsewhere in this RAP have been derived through application of Auditor-approved DQIs presented in the former Tempe landfill Sampling Analysis Quality Plan coupled with general parameters for assessing compliance with remedial structure construction against detailed designs and technical specifications. It is considered by WSP that compliance with these DQIs would provide sufficient proof that the data collected during the remediation works is of sufficient quality to validate the remediation works.

The DQIs for the validation program are presented in the following tables. A sampling, analysis and quality plan (SAQP) will be developed by the validation consultant.

Table 12.1 Field Compliance DQIs

INDICATOR	FIELD TECHNIQUES
Precision A quantitative measure of the variability (or reproducibility) of data.	WSP standard operating procedures (SOPs) are appropriate and complied with.
	Collection of inter-laboratory and intra-laboratory duplicates at a rate of 1 in 20 primary samples for most COPCs and a rate of 1 in 10 primary samples for PFAS analyses for calculation of relative percent difference between samples (RPDs).
Representativeness The confidence (expressed qualitatively) that data are representative of each media present on the site.	Appropriate media sampled according to this RAP.
	Appropriate sampling density to suitably characterise each medium as per this RAP.
	All critical depths are sampled.
	Appropriate sample storage and scheduling of sample analyses as soon as practical and within sample holding time for the analytes of interest: — 7-14 days for VOCs/SVOCs — 14 days for PAHs (including TCLP analysis) — 7-28 days for inorganics — 28 days for mercury — 180 days for PFAS — 180 days for TCLP on metals — 6 months for other metals
Accuracy	WSP SOPs are appropriate and complied with.
	Collection of rinsate blanks using rinsate water supplied by the laboratory. Use of PFAS-free rinsate water when PFAS analyses are being scheduled.

INDICATOR	FIELD TECHNIQUES
A quantitative measure of the closeness of reported data to the true value.	Inclusion of trip blanks and trip spikes supplied by the laboratory with samples during storage and transport.
	Scheduling of sample analyses within sample holding time for the analytes of interest as per 'representativeness'.
Comparability A qualitative parameter expressing the confidence with which one data set can be compared with another.	Same sampling methodology and SOPs used on each occasion
	Experienced sampler(s)
	Same type of samples collected
	Ensuring precision and accuracy objectives are met
Completeness A measure of the amount of useable data (expressed as a percentage) from a data collection activity	All critical samples collected and transported under chain of custody (COC)
	All critical samples analysed as per this RAP
	Sample analyses scheduling within sample holding time for the analytes of interest (as per 'representativeness' and 'accuracy')
	All results received and provided in final certificates of analyses

Table 12.2 Design Compliance DQIs

INDICATOR	FIELD TECHNIQUES
Precision A quantitative measure of the variability (or reproducibility) of data.	Material and structural performance testing for remedial structures (capping, gas mitigation and leachate treatment systems) compared to performance criteria presented in relevant Detailed Design and Technical Specification documents.
Accuracy A quantitative measure of the closeness of reported data to the true value.	Comparison of survey data for capping information demonstrating capping thickness compliance to design parameters.
	Sign off of consulting engineer in relevant inspection test plans and other CQA documentation that works were undertaken in compliance with the Detailed Design and Technical Specification documents.
Comparability A qualitative parameter expressing the confidence with which one data set can be compared with another.	Comparison of survey data for capping information demonstrating capping thickness compliance to design parameters.
	Sign off of consulting engineer in relevant inspection test plans and other CQA documentation that works were undertaken in compliance with the Detailed Design and Technical Specification documents.

Table 12.3 Laboratory and data analysis DQIs

INDICATOR	LABORATORY TECHNIQUES AND DATA ANALYSIS	ACCEPTABLE LIMIT
Precision A quantitative measure of the variability (or reproducibility) of data.	Analysis of field duplicates for the same analytes as the primary samples. Examination of relative per cent differences (RPDs) between primary and duplicate field samples for all individual analytes (not calculated results). The RPD is calculated from the following equation: $RPD = \left[\frac{X1 - X2}{\left(\frac{X1 + X2}{2} \right)} \right] \times 100$ Where X1 and X2 are the original and replicate sample values	<10 x LOR – no limit 10 – 20 x LOR - ± 30-50% RPD >20 x LOR - ± 30% RPD
	Analysis of laboratory duplicates for soil for the same analyses as primary samples.	<10 x LOR – no limit 10 – 20 x LOR - ± 30-50% RPD >20 x LOR - ± 30% RPD
	Analysis of laboratory prepared trip spikes (one per sample batch including the analysis of volatiles).	70 - 130 %
	All analyses performed should be National Association of Testing Authorities (NATA) accredited and undertaken by certified laboratories.	NATA accreditation for analyses performed and NATA stamp on certificates of analysis
Accuracy A quantitative measure of the closeness of reported data to the true value.	Analysis of laboratory prepared trip blanks (one per batch).	Results < LOR for all contaminants analysed.
	Analysis of laboratory method blanks.	Results < LOR for all contaminants analysed. Laboratory blank to be analysed at a rate of one blank per 20 samples.
	Analysis of laboratory matrix spikes, laboratory control samples and surrogates (for organic contaminants only) and/or internal standards.	Recoveries (as per the laboratories QA/QC limits) should be: — 70–130% for inorganics/metals — 60–140% for organics — 10–60% for some semi-volatile organic compounds (such as pentachlorophenol).
	Analysis of laboratory duplicates as per ‘precision’.	<10 x LOR – no limit 10 – 20 x LOR - ± 30-50% RPD >20 x LOR - ± 30% RPD

INDICATOR	LABORATORY TECHNIQUES AND DATA ANALYSIS	ACCEPTABLE LIMIT
Representativeness The confidence (expressed qualitatively) that data are representative of each media present on the site.	All required samples analysed as per the requirements of this RAP.	Compliance
Comparability A qualitative parameter expressing the confidence with which one data set can be compared with another.	Consistent sample analytical methods used	as per NEPM (2013)
	Same units used to present analytical results during all sampling rounds	Justify/quantify if different
	Laboratory LORs to be less than nominated assessment criteria.	As per criteria presented in Section 10 of this RAP
	NATA accredited laboratories used.	Justify/quantify if different
Completeness A measure of the amount of useable data (expressed as a percentage) from a data collection activity.	All critical samples analysed	As per this RAP
	All required analytes analysed	As per this RAP
	Appropriate methods and LORs	as per NEPM (2013)
	Sample documentation complete (COC, sample receipt, certificate of analysis, laboratory QA/QC results)	as per NEPM (2013)
	Sample holding times complied with	as per NEPM (2013) and laboratory-recommended holding times

12.10 VALIDATION REPORTING

At the completion of the site works and upon provision of all required validation documentation, a validation report will be prepared in general accordance with NSW EPA (2020) *Consultants reporting on contaminated land*. The validation report will detail the methodologies and results of the validation works and include the following sections as a minimum:

- Introduction including objectives of the works and legislative requirements.
- Site summary including location, identification, description, geological and hydrogeological details.
- Historical report summary including a summary of the site contamination status, data gap analysis and a pre-remediation site conceptual model.
- Data quality objectives.
- Remediation works summary (Construction Quality Assurance reports) including the capping works, landfill gas and leachate controls installation and implementation, methodology of waste removal, material importation, waste management and tracking information and the validation process.

- Site validation assessment criteria.
- A discussion of suitability of data based on comparison against the agreed data quality indicators.
- A discussion of the post-remediation site condition.
- Conclusions on the site's suitability and the need for any ongoing monitoring/management.

The validation report will be prepared by a suitably qualified environmental consultant and reviewed and approved by the NSW accredited site auditor.

13 UNEXPECTED FINDS PROTOCOL

An unexpected find is defined as contaminated soils, asbestos or other potentially hazardous substances which are identified during construction or maintenance works.

In the event that previously unidentified contamination that has not been included in this RAP is uncovered during the remediation works the John Holland | Seymour Whyte "Unexpected Contaminated Land and Asbestos Finds Management Procedure" will be triggered. A copy of this document is presented in Appendix C of this report.

14 SITE MANAGEMENT

14.1 COMMUNITY RELATIONS

The community relations strategy is detailed in Communication Strategy, Sydney Gateway Road Project (JHSW 2021)

Any enquiries directly related to this RAP should be directed to Rob Muir E. robert.muir@jhsw.com.au, M. 0439 691 679.

14.2 CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN AND SUB-PLANS

JHSWJV and their subconsultants have prepared an overarching Construction Environmental Management Plan (CEMP) and sub-plans. The plans have been prepared for the greater construction project but are also wholly applicable to the remedial works to be undertaken across Tempe landfill. The CEMP provides guidance on environmental management with regards to the following items:

- Roles and responsibilities under the CEMP.
- Subcontractor management.
- Competence, training and awareness.
- Incident and emergency response.
- Ongoing environmental monitoring program during works.
- Construction controls for the following:
  - Soil and water management (Section 4.1) supported by a soil and water quality management sub-plan in Appendix B7.
  - Contaminated land (Section 4.2).
  - Spill prevention and response (Section 4.3).
  - Air quality (Section 4.4) supported by an air quality management sub-plan in Appendix B2.
  - Fire safety (Section 4.5).
  - Noise and vibration mitigation (Sections 4.6 and 4.7) supported by a noise and vibration management sub-plan in Appendix B10.
  - Biodiversity (Section 4.8) supported by a flora and fauna management sub-plan in Appendix B3.
  - Indigenous and non-indigenous heritage (Sections 4.9 and 4.10) supported by a non-aboriginal heritage management sub-plan in Appendix B6 and aboriginal heritage management sub-plan in Appendix B7.
  - Waste management and resource recovery (Section 4.11) supported by a waste and resource management sub-plan in Appendix B1.
  - Use of pesticides (Section 4.12).
  - Working in environmentally sensitive areas (Section 4.13).
  - Environmental incident notification process (Section 4.14) supported by an environmental incident classification and reporting sub-plan in Appendix A7.

— Erection and operation of ancillary site facilities and final site restoration (Sections 4.15 and 4.16).

In addition to the above CEMP and supporting sub-plans the following sub-plans will also be implemented for the greater project:

— Groundwater management sub-plan: This document details how groundwater is to be managed during the project including dewatering and water quality management. The document also outlines how the existing leachate collection and treatment system is to be serviced, maintained and operated during the Project.

— Landfill leachate, gas and odour management plan: The document presents the program for monitoring and management of landfill gas, leachate and odour issues which may occur during the site works. It also presents a set of scenarios along with contingencies for their management. The document has been prepared specifically for the construction phase only.

— Traffic and access management sub-plan: The document will be prepared to discuss vehicular access and internal transport routes across the site during the Project.

Management of asbestos contaminated soil will be controlled through an AMP, which is to be implemented in conjunction with the CEMP. The AMP will document asbestos removal procedures and management measures for the site, which is to be implemented by JHSWJV and adhered to by all project personnel. The following protocols should be detailed in the AMP:

— Site inductions, during which workers are to be advised on the contamination status of the site including the location, nature, type, concentration and risk associated with the asbestos present

— The location and methods of the fileld identification of contamination hotspots

— The occupational health and safety monitoring to be undertaken (as required by site conditions) in areas reported to contain contamination hotspots and areas outside contamination hotspots

— The occupational health and safety controls to mitigate the risks, including personal protective equipment (PPE).

14.3 POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN

In addition to the CEMP and associated sub-plans it is understood that it is a requirement of the Environmental Protection Licence (EPL) for the Project (EPL no. 21524) that a Pollution Incident Response Management Plan (PIRMP) be prepared, maintained and adhered to for the duration of the operation of the Licence. At the time of preparing this RAP the EPL was in draft form and WSP had not been provided with a copy of the PIRMP. However, it is assumed that the document has been prepared in accordance with NSW EPA (2020), *Guideline: Pollution Incident Response Management Plans.* The intent of a PIRMP is to:

— Minimise the risk of a pollution incident occurring as a result of licensed activities.

— Have established clear and effective notification, action and communication procedures to ensure the right people are notified, warned and quickly provided with updates and information they may need to act appropriately.

— Have properly trained staff and up-to-date incident management information available to ensure the potential impact of a pollution incident is minimised.

It is noted that the PIRMP will be developed in accordance with procedures and structures outlined in the CEMP (e.g. incident reporting procedures and roles and responsibilities). It is assumed that when the PIRMP is finalised and approved by NSW EPA, the CEMP be reviewed to ensure that relevant parts of the document are in agreement with the PIRMP.

14.4 RAP COMPLIANCE

It is a requirement of this RAP that all remediation works undertaken within the former Tempe landfill Project Area are undertaken in accordance with the environmental management requirements of the CEMP and associated sub-plans and that pollution incidents are monitored and managed in accordance with the Pollution Incident Response Management Plan.

15 POST CONSTRUCTION ENVIRONMENTAL MANAGEMENT

The remediation works presented in this RAP do not constitute a full removal or destruction of soil, leachate and ground gas contamination identified within the Project area. While some materials will be disposed of off-site, the majority of impacted fills will be contained on-site, leachate generated within the waste mass will continue to be treated by the leachate treatment system and identified ground gas risk will be mitigated with an ongoing passive venting system and monitoring program. As such a Long Term Environmental Management Plan (LTEMP) will need to be prepared and implemented for the post-construction phase for the site. The LTEMP will be prepared in accordance with NSW EPA (2020), *Consultants Reporting on Contaminated Land.* The LTEMP will address the following:

— Why the LTEMP is required.

— Who is responsible for implementing different aspects of the LTEMP (i.e. Transport for New South Wales or Inner West Council).

— Where the LTEMP applies.

— How the LTEMP will be implemented, including corrective actions, unexpected finds, contingencies and reporting requirements.

— When the LTEMP is required to be implemented and its duration.

The LTEMP will be prepared based on the structure outlined in NSW Department of Infrastructure, Planning and Natural Resources (2004), *Guideline for the Preparation of Environmental Management Plans* and with reference to NSW EPA, 2017 *Contaminated Land Management – Guidelines for the NSW Site Auditor Scheme (3rd Edition).* The proposed structure is as follows:

— Background – Past landuse, contamination distribution and remediation undertaken, EMP context and objectives, key stakeholders, relevant environmental policies, etc.

— Environmental Management – Environmental management structure and responsibility, approval and licensing requirements, reporting requirements, training/induction requirements, emergency contacts and response.

— Implementation – Risk assessment (including hazard, probability and consequence), ongoing environmental management infrastructure and activities and controls addressing each risk item.

— Monitor and Review – Environmental monitoring and reporting of results, corrective actions, contingency and EMP review.

16 REMEDIATION ACTION PLAN SUMMARY

The purpose of this RAP is to provide a framework to remediate and validate contamination identified across the former Tempe landfill project extent to facilitate construction of a roadway and ancillary infrastructure. The actions required to carry out the RAP are summarised as follows:

- Capping and containment of impacted fill materials which are to remain on-site.
- Off-site disposal of impacted material unable to be appropriately contained on-site.
- Importation of appropriately validated fill material to facilitate capping and attainment of the designed final landform.
- Design and installation of landfill gas mitigation controls beneath the roadway as per the detailed design and technical specification currently being prepared.
- Servicing and maintenance of the current leachate capture and treatment system as per the specification currently being prepared.
- Collect adequate survey and CQA data to ensure capping has been undertaken in accordance with the required specifications.
- Collect sufficient data to validate material disposed off-site has been disposed to an appropriately licenced facility under the correct controls.
- Collect sufficient data to validate that material imported onto site is chemically suitable to be used on-site as per the future landuse scenario.
- Collect sufficient CQA information to demonstrate that the leachate capture and treatment system has been installed as per the approved detailed design and technical specification and is operating as per the defined design objectives. Following road construction the ownership and responsibility of the leachate capture and treatment system (including plant, pit and pipework) will be returned to Inner West Council.
- Collect sufficient CQA information to demonstrate that the landfill gas mitigation has been installed as per the approved detailed design and technical specification and is operating as per the defined design objectives.
- Implement a construction-phase environmental management plan which sufficiently manages and mitigates identified environmental risks associated with the Project.
- Prepare a validation report which addresses all of the items within this RAP and meets the requirements of NSW EPA (2020), *Consultants Reporting on Contaminated Land*.
- Prepare a long term environmental management plan which outlines how long term environmental controls (such as final capping, the landfill gas mitigation system and leachate capture and treatment system) are to be maintained and operated into the future, what ongoing monitoring activities are required and contingencies for potential future hazards and/or failures of the adopted ongoing monitoring compliance criteria.

WSP consider that if the remediation program as outlined in this RAP is followed, the site can be made suitable for future operation as a roadway with surrounding open space landuse.

17 LIMITATIONS

SCOPE OF SERVICES

This environmental due diligence assessment report (the report) has been prepared in accordance with the scope of services set out in the contract, or as otherwise agreed, between the client and WSP (scope of services). In some circumstances the scope of services may have been limited by a range of factors such as time, budget, access and/or Site disturbance constraints.

RELIANCE ON DATA

In preparing the report, WSP has relied upon data, surveys, analyses, designs, plans and other information provided by the client and other individuals and organisations, most of which are referred to in the report (the data). Except as otherwise stated in the report, WSP has not verified the accuracy or completeness of the data. To the extent that the statements, opinions, facts, information, conclusions and/or recommendations in the report (conclusions) are based in whole or part on the data, those conclusions are contingent upon the accuracy and completeness of the data. WSP will not be liable in relation to incorrect conclusions should any data, information or condition be incorrect or have been concealed, withheld, misrepresented or otherwise not fully disclosed to WSP.

ENVIRONMENTAL CONCLUSIONS

In accordance with the scope of services, WSP has relied upon the data and has not conducted any environmental field monitoring or testing in the preparation of the report. The conclusions are based upon the data and visual observations and are therefore merely indicative of the environmental condition of the Site at the time of preparing the report, including the presence or otherwise of contaminants or emissions.

Within the limitations imposed by the scope of services, the assessment of the Site and preparation of this report have been undertaken and performed in a professional manner, in accordance with generally accepted practices and using a degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. No other warranty, expressed or implied, is made.

REPORT FOR BENEFIT OF CLIENT

The report has been prepared for the benefit of the client and no other party. WSP assumes no responsibility and will not be liable to any other person or organisation for or in relation to any matter dealt with or conclusions expressed in the report, or for any loss or damage suffered by any other person or organisation arising from matters dealt with or conclusions expressed in the report (including without limitation matters arising from any negligent act or omission of WSP or for any loss or damage suffered by any other party in relying upon the matters dealt with or conclusions expressed in the report). Other parties should not rely upon the report or the accuracy or completeness of any conclusions and should make their own enquiries and obtain independent advice in relation to such matters.

OTHER LIMITATIONS

WSP will not be liable to update or revise the report to take into account any events, emergent circumstances or facts occurring or becoming apparent after the date of the report.

The scope of services did not include any assessment of the title to nor ownership of the properties, buildings and structures referred to in the report, nor the application or interpretation of laws in the jurisdiction in which those properties, buildings and structures are located.

18 BIBLIOGRAPHY

REGULATIONS, GUIDANCE AND LITERATURE

— *Airports (Environment Protection) Regulations 1997*

— *Contaminated Land Management Act 1997*

— *Environmentally Hazardous Chemicals Act 1985*

— Haarstad, K., Bergersen, O. and Sorheim, R. (May 2006), *Journal of the Air & Waste Management Association*, "Occurrence of Carbon Monoxide during Organic Waste Degradation", Vol 56, pp 575-580.

— HEPA (2020), *PFAS National Environmental Management Plan (Version 2.0)*

— Mulvey, P. (2004), *Technical Paper 19: Conceptual Model for Monitoring Landfill Leachate*

— Mulvey, P. and McKay C. (April 2006), *Proceedings of the International Symposium and Exhibition on the Redevelopment of Manufactured Gas Plant Sites*, "Source Characterisation and Identification as a Means of Assessing the Type of Bonding in the Soil and its Subsequent Impact on Bioavailability", Vol 14 (2), pp 412-425.

— NSW EPA (2014), *Waste Classification Guidelines – Part 1: Classifying Waste*

— NSW EPA (2014), *Waste Classification Guidelines – Part 4: Acid Sulfate Soils*

— NSW EPA (2016), *Addendum to the Waste Classification Guidelines (2014) – Part 1: Classifying Waste*

— NSW EPA (2016), *Environmental Guidelines: Solid Waste Landfills (Second Edition)*

— NSW EPA (2020), *Contaminated Land Guidelines: Assessment and Management of Hazardous Ground Gases*

— NSW EPA (2020), *Guideline: Pollution Incident Response Management Plans*

— NEPC (2013), *National Environmental Protection (Assessment of Site Contamination) Measure 1999* (NEPM 2013)

— *Protection of the Environment Operations Act 1997*

— Safe Work Australia (2018), *Workplace Exposure Standards for Airborne Contaminants*

— US EPA (2000), *Guidance for the Data Quality Objective Process*

— US EPA (2010), *Greenhouse Gas Emission Estimation Methodologies for Biogenic Emissions from Selected Source Categories: Solid Waste Disposal, Wastewater Treatment, Ethanol Fermentation*

SITE REPORTS

— AECOM (October 2019), *Sydney Gateway Project: Groundwater and Landfill Gas Data Report – December 2018 to August 2019*

— Austress Freyssinet (August 2005), *Tempe Lands Remediation – WC 201: Operation and Maintenance Manual Leachate Collection System (Revision 03)*

— Coffey (January 2005), *Marrickville Council: Remediation and Development of Tempe Lands – Landfill Gas Monitoring Plan*

— Coffey (August 2005), *Tempe Lands Remediation Cut Off Wall Validation Report, Tempe*

— Coffey (February 2007), *Annual Landfill Gas Monitoring Report (January 2007) Tempe Lands, Tempe*

— Coffey (April 2021), *Landfill Gas Monitoring Results Update, March 2021 – Gateway Project*

— Coffey (May 2021), *Landfill Gas Monitoring Results Update, April 2021 – Gateway Project*

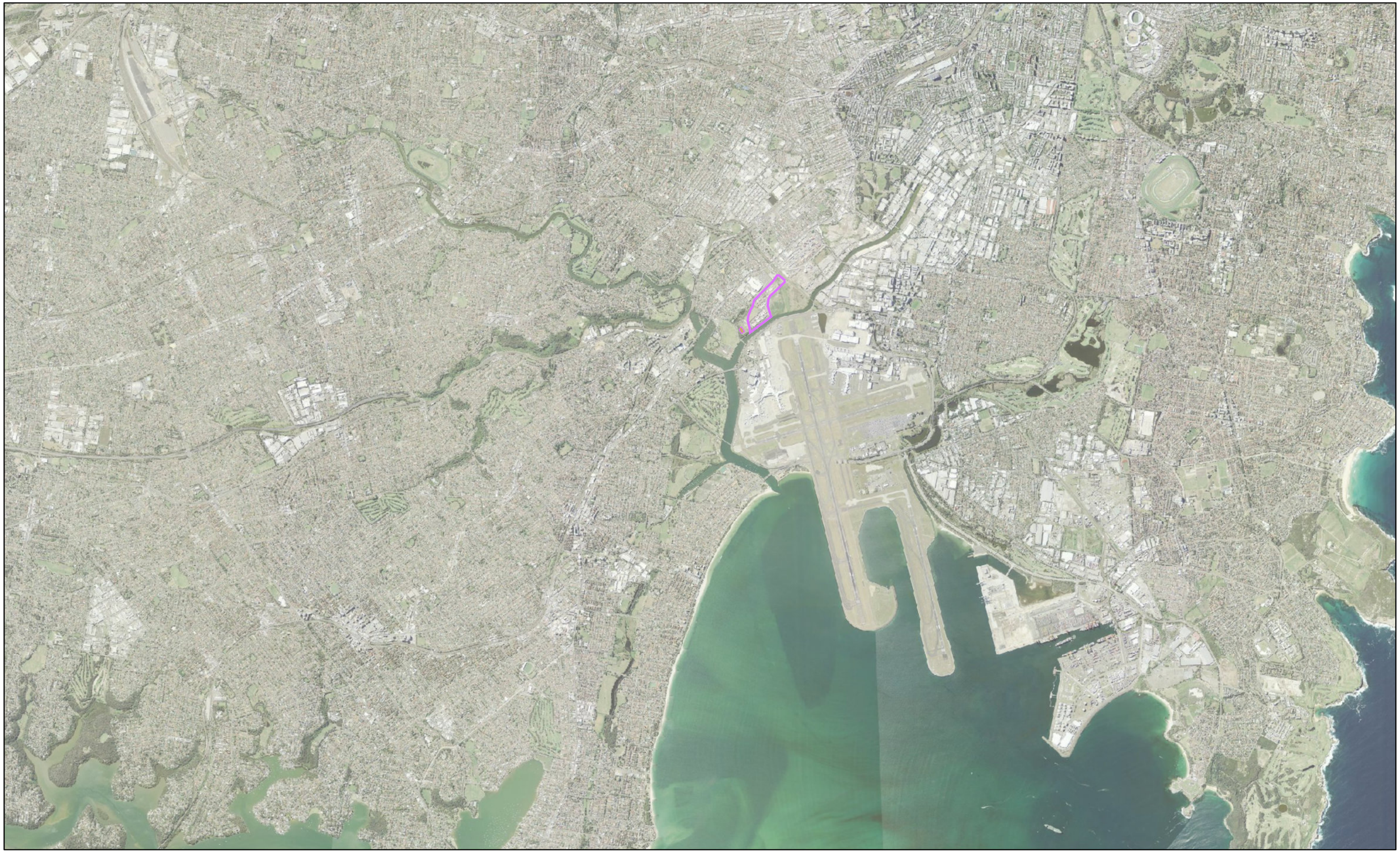
- Coffey (March 2010), *Addendum 1 Tempe Lands Remediation Revised Feasibility Study Migration Mitigation Measures*
- Tetra Tech (September 2021), *Sydney Gateway Stages 1 & 3 Landfill Capping, Gas Assessment & Monitoring Report*
- Environ, 2001 "Tempe Tip Site Audit Report GN35 – Remedial Action Plan Tempe Lands, Tempe"
- Environ, 2004 "Tempe Tip Site Audit Report GN35B – Tempe Lands Remediation Project Appropriateness of Detailed Design"
- Environ, 2005 "Tempe Tip Site Audit Report GN35C – Tempe Lands Remediation Project Site Validation"
- Environ, 2008 "Tempe Tip Site Audit Report GN35-2 – Validation of Remediation for Areas 4 to 11 of Tempe Lands"
- Golder/Douglas Partners (December 2019), *Sydney Gateway Geotechnical Investigations (Canal North): Groundwater Monitoring Factual Report*
- Golder/Douglas Partners (February 2020), *Sydney Gateway Geotechnical Investigations (Canal North): Groundwater Monitoring Factual Report*
- Golder/Douglas Partners (March 2020), *Sydney Gateway Geotechnical Investigations (Canal North): Groundwater Monitoring Factual Report*
- Golder/Douglas Partners (December 2020), *Contamination Factual Report: Sydney Gateway Project Canal North Geotechnical Investigation*
- JHSWJV (February 2021), *Construction Waste and Resource Management Plan – State*
- JHSWJV (February 2021), *Sydney Gateway – Stage 1, Zone 4000 – Subgrade and Pavements Developed Concept Design*
- JHSWJV (July 2021), Sydney Gateway – Stage 1 and 3, Tempe Tip Leachate Treatment Plant – Performance Specification.
- JHSWJV (March 2021), *Construction Environmental Management Plan – SSI 9737*
- JHSWJV (April 2021), *Landfill Leachate, Gas and Odour Management Sub Plan – SSI 9737*
- JHSWJV (July 2021), *Sydney Gateway: Stage 1 – Mass Haul*
- JHSWJV (June 2021), *Sydney Gateway Stage 1-3 Target Program – Zone 2000 Tempe Tip*
- JHSWJV (June 2021), *Material, Waste and Resource Importation Process – Sydney Gateway Road Project*
- NSW EPA (24 June 2010), *Notice of Preventive Action (No. 1114465)*
- NSW EPA (24 July 2013), *Variation of Prevention Notice (No. 1512969)*
- NSW EPA (5 May 2014), *Revocation of Prevention Notice (No. 1521769)*
- Tenix 2006 "Tempe Lands Site Environmental Management Plan for Areas 4 to 11."
- Uminex (February 2018), *Landfill Gas Monitoring at the Former Tempe Lands – January 2018*
- WSP (August 2018), *Quarterly Report (Q2): Landfill Gas Monitoring, Stage 1 of the Northern Lands Precinct, Tempe, New South Wales*
- WSP (2021a), *Landfill Gas Risk Assessment, Former Tempe Tip*
- WSP (2021b), *Contamination Investigation Report Tempe Tip*
- WSP (2021c), *Waste Management and Characterisation Report*

— ZOIC (November 2017), *Revised Remedial Action Plan: Stages 2 and 3 Northern Lands Precinct*

APPENDIX A

SITE FIGURES

Sydney Gateway



© Department of Customer Service 2020

1:50,000

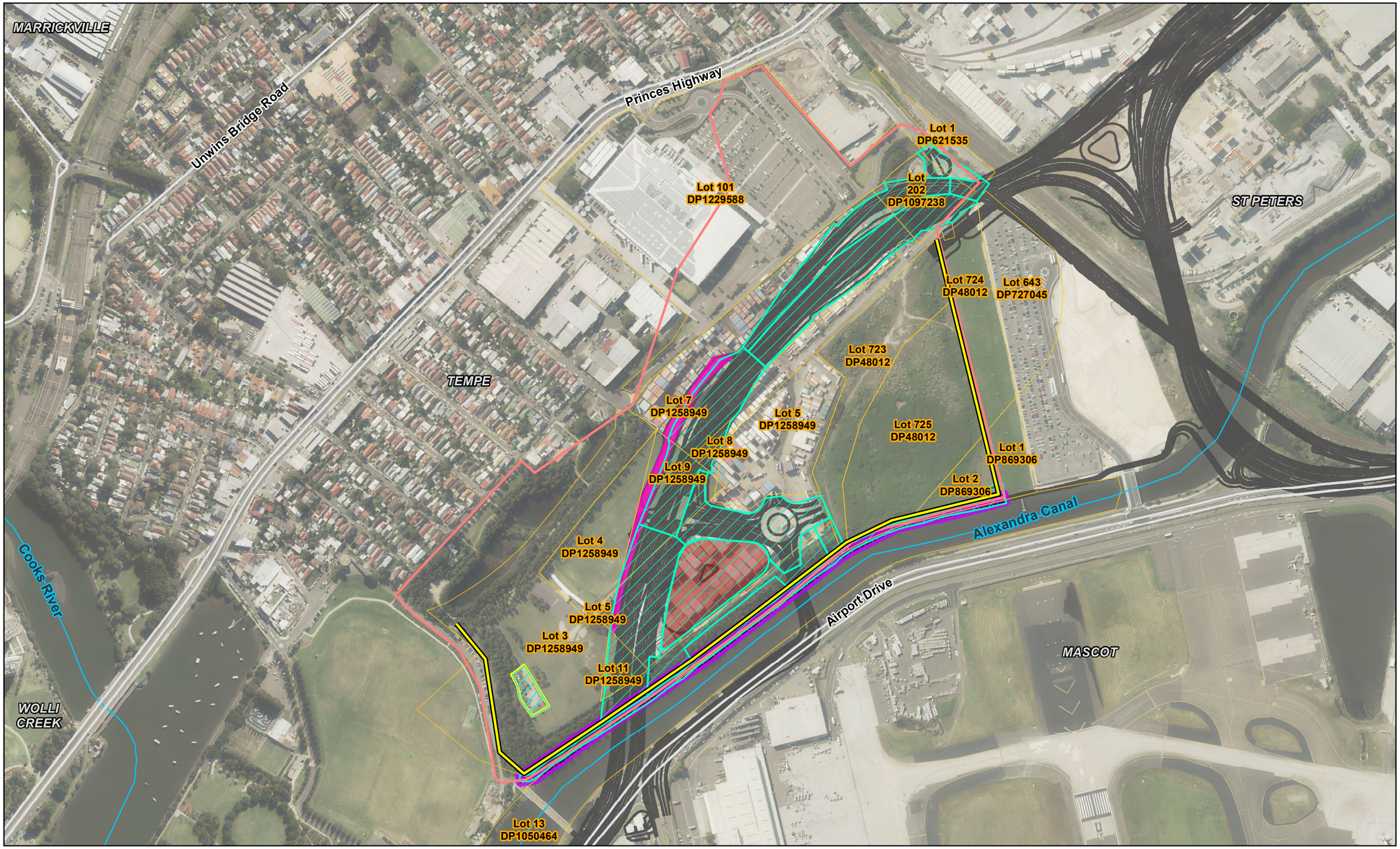
0 0.5 1 2 mi

0 1 2 4 km

SYDNEY GATEWAY

Tempe Tip RAP

Figure 1: Site Location



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Scale 1:5,000

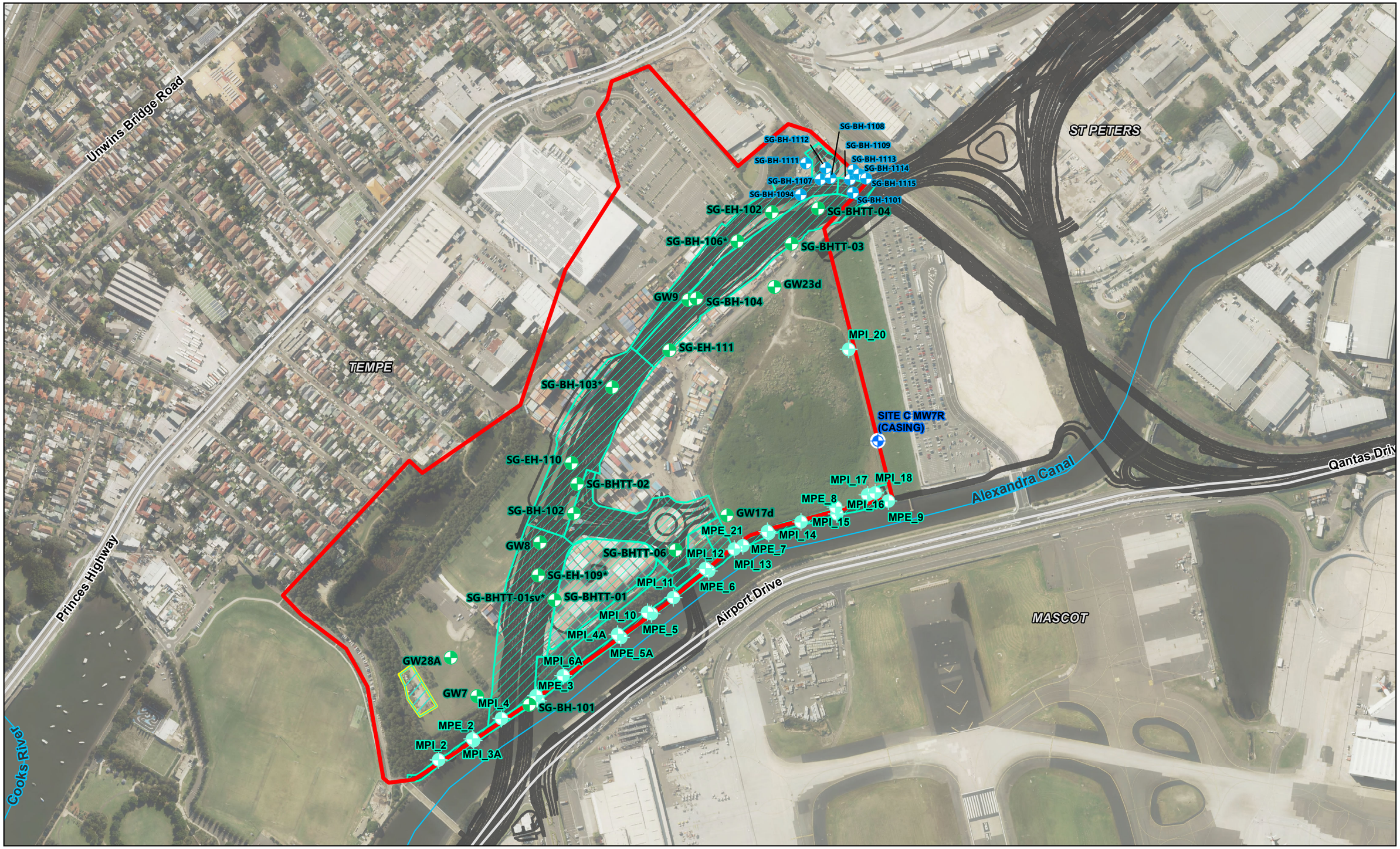
Author: David.Naiken
Date: 01-Sep-21
Map no: PS123077_GIS_034_A6

Legend

- Major Roads
- Watercourses
- Road Design
- Bentonite Cut-Off Wall
- Approximate Former Tempe Tip Extent
- Leachate Treatment Plant
- Cadastre (Lot/DPs)
- Noise Mound
- Waste Mound
- ATL Area
- Audit Area, Remediation and Commercial / Industrial Criteria (Health / Ecology) Extents

SYDNEY GATEWAY

Tempe Tip RAP
Figure 2: Tempe Tip - Audit Area, Lot/DP and Features



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Scale 1:5,000

Author: David.Naiken
Date: 10-Sep-21
Map no: PS123077_GIS_036_A5

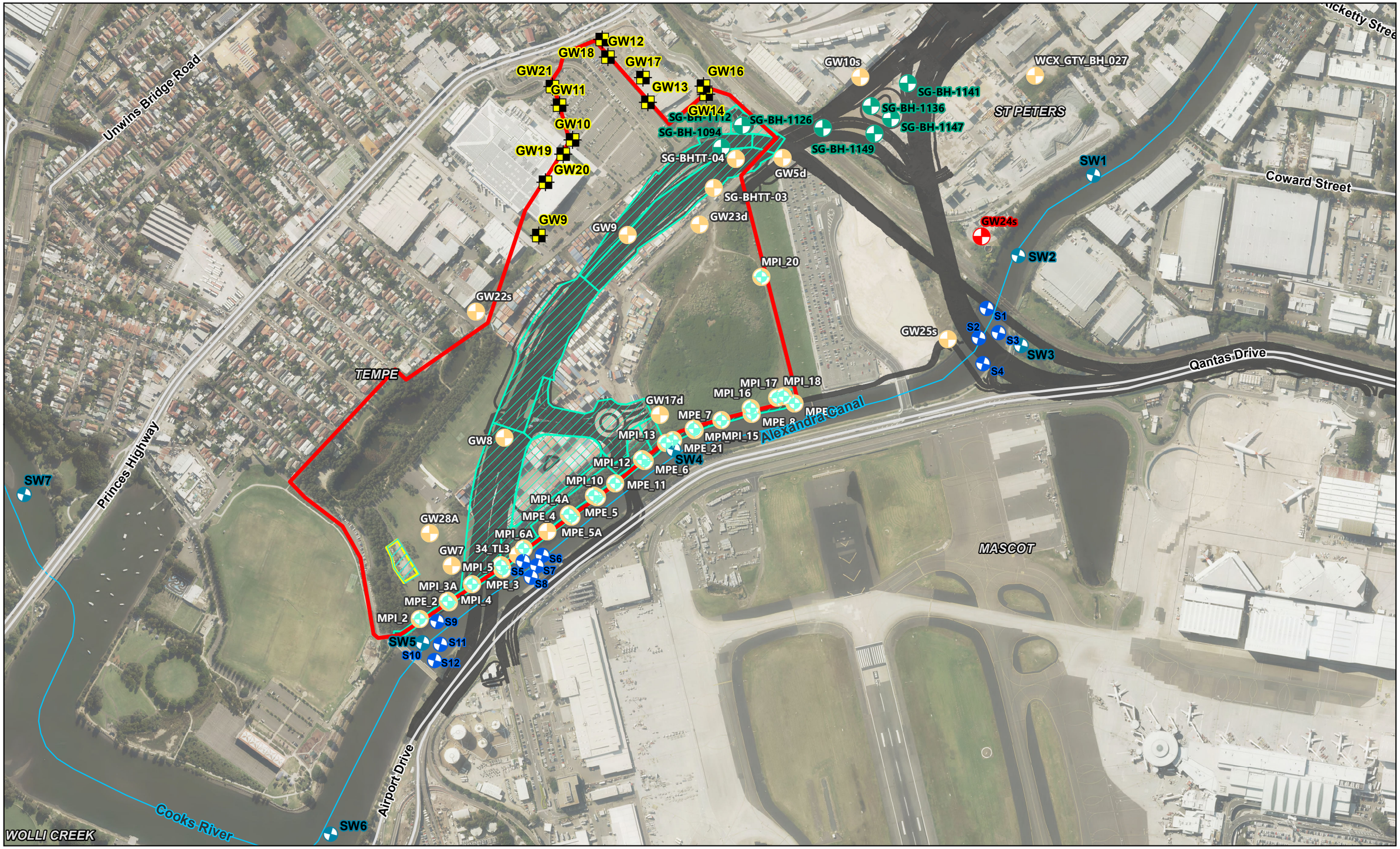
Legend

- Major Roads
- Watercourses
- Road Design
- Approximate Former Tempe Tip Extent
- Leachate Treatment Plant
- Audit Areas
- Stage 2 Investigations (AECOM, 2019)
- Borehole Summary - Soil Contamination (Golder, Canal North 2019)
- Groundwater monitoring wells - Coffey (2005)
- SACL Groundwater Monitoring Well Network

SYDNEY GATEWAY

Tempe Tip RAP

Figure 3: Previous Soil Investigation Locations



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Scale 1:6,000

Author: David.Naiken
Date: 10-Sep-21
Map no: PS123077_GIS_040_A5

Legend

- Major Roads
- Watercourses
- Road Design
- Approximate Former Tempe Tip Extent
- Leachate Treatment Plant
- Audit Areas
- Council Gas Monitoring Wells (Coffey, 2010)
- Groundwater monitoring wells - Coffey (2005)
- Surface Water and Sediment Sampling Locations (AECOM, 2018)
- Existing Surface Water and Sediment Sampling Locations (AECOM, 2018)

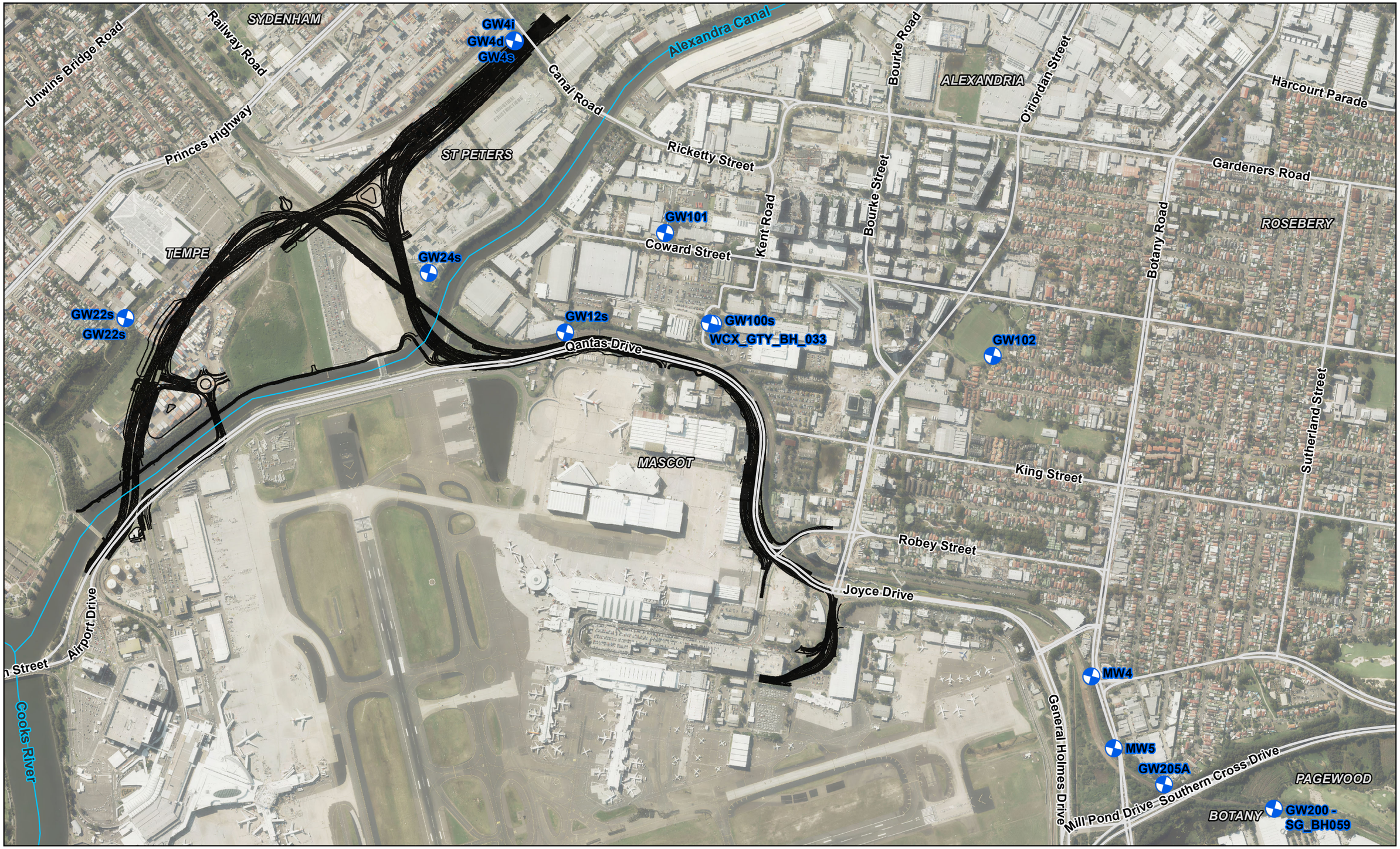
Groundwater Monitoring (Golder, 2019-2020)

- Golder-Douglas
- Historical
- Not Accessible

SYDNEY GATEWAY

Tempe Tip RAP

Figure 4: Previous Soil Gas, Groundwater, Surface Water and Sediment Investigation Locations



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Scale 1:10,000

Author: David.Naiken
Date: 30-Aug-21
Map no: PS123077_GIS_041_A3

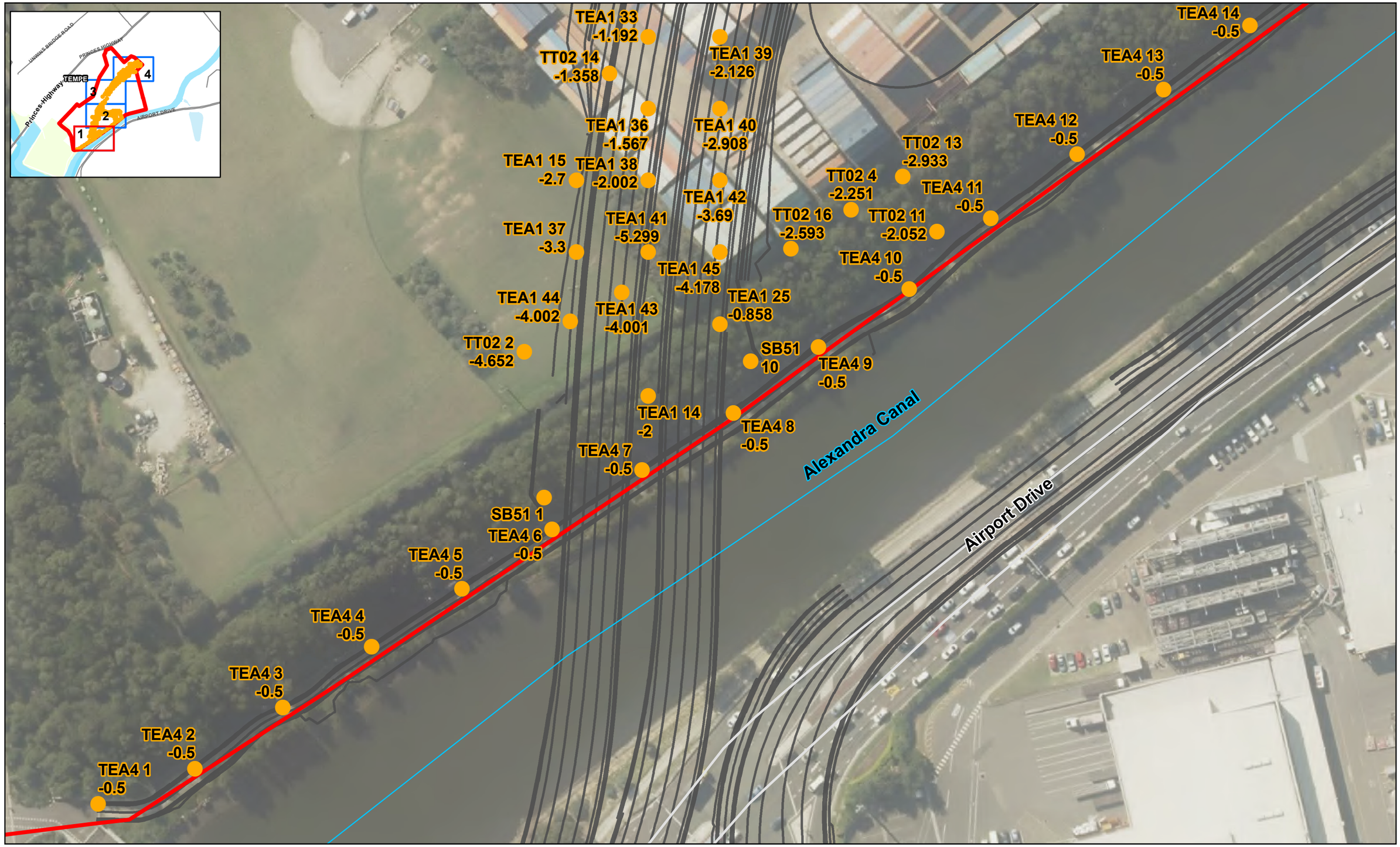
Legend

- Background Groundwater Monitoring Wells
- Major Roads
- Watercourses
- Road Design

SYDNEY GATEWAY

Tempe Tip RAP

Figure 5: Background Groundwater Monitoring Wells, Sydney Gateway Footprint



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Scale 1:1,000

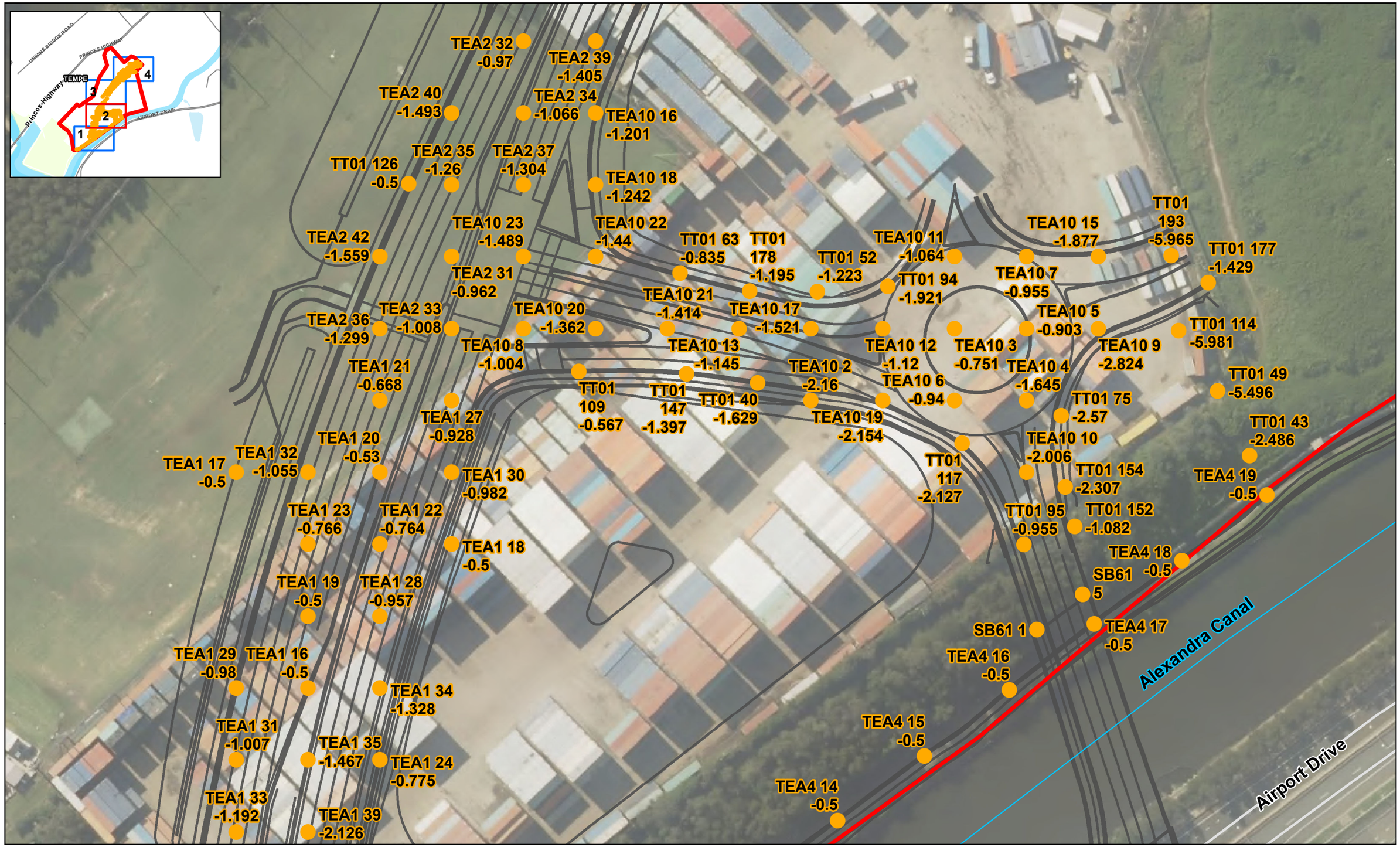
Author: David.Naiken
Date: 30-Aug-21
Map no: PS123077_GIS_052_A2

Legend

- Rev M - Centroids
- Major Roads
- Watercourses
- Road Design
- Approximate Former Tempe Tip Extent

SYDNEY GATEWAY

Tempe Tip RAP
Figure 6: Investigation Locations



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Author: David.Naiken
Date: 30-Aug-21
Map no: PS123077_GIS_052_A2

Legend

- Rev M - Centroids
- Major Roads
- Watercourses
- Road Design
- Approximate Former Tempe Tip Extent

SYDNEY GATEWAY

Tempe Tip RAP
Figure 6: Investigation Locations

0 12.5 25 m
Scale 1:1,000

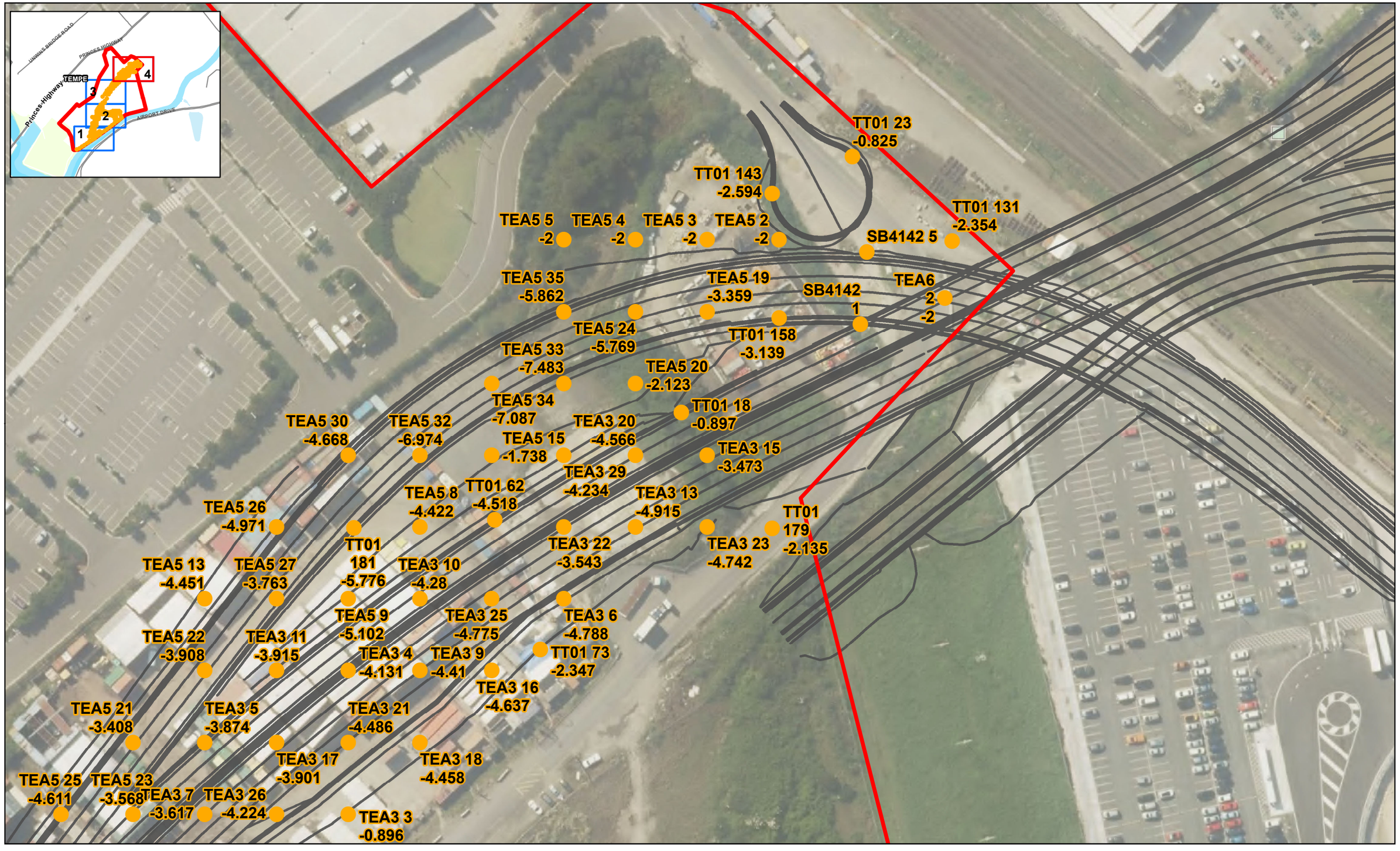
Author: David.Naiken
Date: 30-Aug-21
Map no: PS123077_GIS_052_A2

Legend

- Rev M - Centroids
- Road Design
- Approximate Former Tempe Tip Extent

SYDNEY GATEWAY

Tempe Tip RAP
Figure 6: Investigation Locations



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Scale 1:1,000

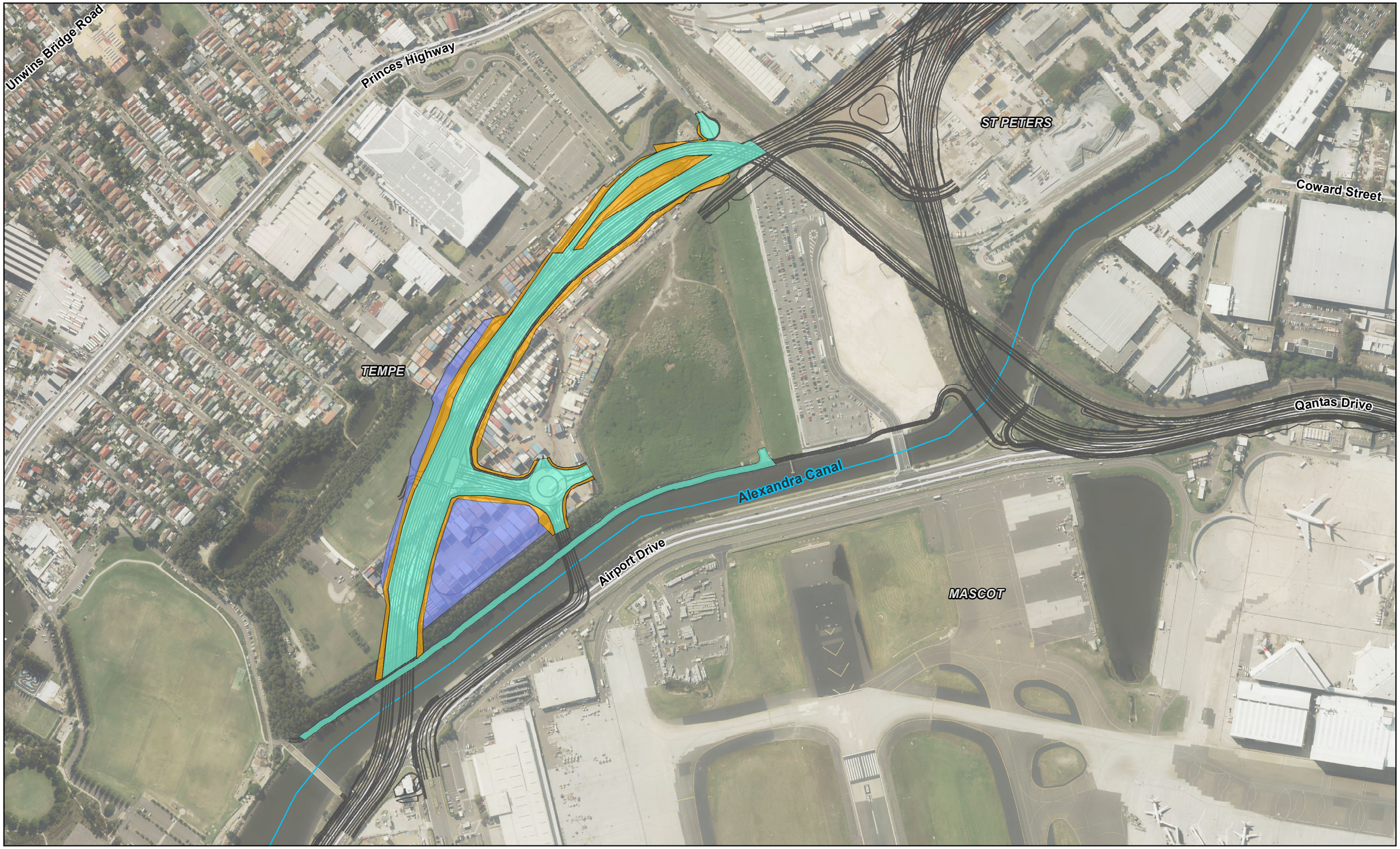
Author: David.Naiken
Date: 30-Aug-21
Map no: PS123077_GIS_052_A2

Legend

- Rev M - Centroids
- Road Design
- Approximate Former Tempe Tip Extent

SYDNEY GATEWAY

Tempe Tip RAP
Figure 6: Investigation Locations



0 50 100 m
Scale 1:5,000

Author: David.Naiken
Date: 01-Sep-21
Map no: PS123077_GIS_055_A2

Legend

- Major Roads
- Watercourses
- Road Design
- Road Pavement or ATL Pavement Capping
- 500 mm soil capping - Waste Mound and Noise Mound (health and ecology commercial / industrial land use)
- 600 mm soil (clay) capping - Road Embankments (health and ecology commercial / industrial land use)

SYDNEY GATEWAY

Tempe Tip RAP

Figure 7: Capping Extents (Indicative)

APPENDIX B

SOIL ANALYTICAL RESULTS

APPENDIX B-1
HISTORICAL SOIL SUMMARY TABLES

						TRH						BTEX						RTA276 ENM (FM)	Phenols	
						C6-C10 (F1)	C6-C10 (F1 minus BTEX)	C10-C16 (F2)	C10-C16 (F2 minus Naphthalene)	C16-C34 (F3)	C34-C40 (F4)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Foreign Material	Phenolics Total	Phenols
						mg/kg	mg/kg	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						25	25	25	25	90	100	0.1	0.1	0.1	0.2	0.1	0.3	0.05	5	0.1
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand							260 | 370 | 630 | NL		NL | NL | NL | NL			3 | 3 | 3 | 3	NL | NL | NL | NL	NL | NL | NL | NL			230 | NL | NL | NL			
0-1m							260		NL			3	NL	NL			230			
1-2m							370		NL			3	NL	NL			NL			
2-4m							630		NL			3	NL	NL			NL			
>=4m							NL		NL			3	NL	NL			NL			
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil						700		1,000		3,500	10,000									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)							26,000	20,000		27,000	38,000	430	99,000	27,000			81,000			
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)							82,000	62,000		85,000	120,000	1,100	120,000	85,000			130,000			
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND												77								
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type															
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1 - 1.1	22/03/2019	214100	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1.5 - 1.6	22/03/2019	214100	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5 - 2.6	22/03/2019	214100	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		3.5 - 3.6	22/03/2019	214100	Normal	<25	<25	<50	<50	170	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	<25	<25	<50	<50	820	260	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	<25	<25	<50	<50	490	200	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	<25	<25	85	85	960	1,400	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	<25	<25	<50	<50	280	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	<25	<25	440	440	2,200	500	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	<25	<25	<50	<50	110	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		12.5 - 12.6	22/03/2019	214100	Normal	<25	<25	<50	<50	160	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		14.5 - 14.6	22/03/2019	214100	Normal	64	64	94	94	530	320	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	100	100	360	360	360	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	GW8	0.05	20/11/2018	206224	Normal	<25	<25	<50	<50	150	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1.5	20/11/2018	206224	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5	20/11/2018	206224	Normal	<25	<25	<50	<50	100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		3.5	20/11/2018	206224	Normal	<25	<25	<50	<50	910	240	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	<25	<25	<50	<50	170	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		5.5	20/11/2018	206224	Normal	<25	<25	<50	<50	310	130	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		7.5 - 7.6	4/12/2018	207349	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		8.4 - 8.5	11/01/2019	209484	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	<25	<25	<50	<50	510	230	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		13.4 - 13.5	11/01/2019	209484	Normal	<25	<25	<50	<50	100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		15.4 - 15.5	11/01/2019	209484	Normal	<25	<25	1,100	1,100	15,000	5,400	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-

						TRH						BTEX						RTA276 ENM (FM)	Phenols	
						C6-C10 (F1)	C6-C10 (F1 minus BTEX)	C10-C16 (F2)	C10-C16 (F2 minus Naphthalene)	C16-C34 (F3)	C34-C40 (F4)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Foreign Material	Phenolics Total	Phenols
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5 - 2.6	17/12/2018	208433	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		3.5 - 3.6	17/12/2018	208433	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		4.5 - 4.6	17/12/2018	208433	Normal	<25	<25	<50	<50	1,800	1,100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		5.5 - 5.6	17/12/2018	208433	Normal	<25	<25	<50	<50	380	210	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		6 - 6.6	17/12/2018	208433	Normal	28	28	<50	<50	380	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		7.5 - 7.6	17/12/2018	208433	Normal	30	30	170	170	1,200	350	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	<25	<25	180	180	2,500	620	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		9.5 - 9.6	17/12/2018	208433	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		13.5 - 13.6	17/12/2018	208433	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		15.5 - 15.6	17/12/2018	208433	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		17.5 - 17.6	17/12/2018	208433	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-
				212550-A	Normal	40	40	55	55	1,000	260	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	0.33	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	6.4	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
	GW23d	0.5	6/12/2018	207583	Normal	<25	<25	<50	<50	190	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5	6/12/2018	207583	Normal	<25	<25	460	460	590	300	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	<25	<25	<50	<50	340	130	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	<25	<25	190	180	2,200	630	<0.2	<0.5	<1	<2	<1	<1	-	6	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	<25	<25	<50	<50	560	200	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	53	52	50	50	220	<100	<0.2	<0.5	1	<2	<1	<1	-	<5	-
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	<25	<25	<50	<50	160	130	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		0.5	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1.5	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		3.5	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		4.5	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		5.5	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		6.5	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		7.5	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		8.5	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		9.5	9/11/2018	205272	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	SG-BH-102	0.5	20/11/2018	206225	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1.5	20/11/2018	206225	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5	20/11/2018	206225	Normal	<25	<25	510	510	4,100	480	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	<25	<25	340	340	2,200	260	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	<25	<25	<50	<50	1,900	1,000	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						TRH						BTEX						RTA276 ENM (FM)	Phenols	
						C6-C10 (F1)	C6-C10 (F1 minus BTEX)	C10-C16 (F2)	C10-C16 (F2 minus Naphthalene)	C16-C34 (F3)	C34-C40 (F4)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Foreign Material	Phenolics Total	Phenols
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	<25	<25	<50	<50	280	280	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5 - 2.6	29/11/2018	207002	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	3.2	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	<25	<25	<50	<50	410	100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		5.4 - 5.5	29/11/2018	207002	Normal	<25	<25	<50	<50	140	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	34	34	63	63	480	160	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	<25	<25	79	79	700	230	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		9.5 - 9.6	29/11/2018	207002	Normal	150	150	660	660	3,900	1,600	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	2.9	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	690	690	5,200	5,100	2,600	220	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	<25	<25	470	470	3,800	520	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	<25	<25	<50	<50	300	190	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1.5	15/01/2019	209952	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5	15/01/2019	209952	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-
		3.5	15/01/2019	209952	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		4.5	15/01/2019	209952	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		5.5	15/01/2019	209952	Normal	47	47	2,200	2,200	110,000	1,300	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		6.5	15/01/2019	209952	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		7.5	15/01/2019	209952	Normal	<25	<25	<50	<50	400	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-
		8.5	16/01/2019	209952	Normal	<25	<25	<50	<50	<100	<100	0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	<25	<25	<50	<50	600	170	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	<25	<25	60	60	1,200	410	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-
		11.5	16/01/2019	209952	Normal	33	33	120	120	1,900	540	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		14.5	16/01/2019	209952	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	<25	<25	<50	<50	210	330	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5 - 2.6	18/12/2018	208548	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		4.2 - 4.3	18/12/2018	208548	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	<25	<25	<50	<50	560	140	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	<25	<25	<50	<50	330	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-

						TRH						BTEX						RTA276 ENM (FM)	Phenols	
						C6-C10 (F1)	C6-C10 (F1 minus BTEX)	C10-C16 (F2)	C10-C16 (F2 minus Naphthalene)	C16-C34 (F3)	C34-C40 (F4)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Foreign Material	Phenolics Total	Phenols
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		4.4 - 4.5	9/01/2019	209271	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		5.4 - 5.5	9/01/2019	209271	Normal	<25	<25	<50	<50	820	880	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	6.9	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	<25	<25	<50	<50	500	180	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	<25	<25	<50	<50	440	160	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	<25	<25	<50	<50	280	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	0.08	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	<25	<25	110	110	<100	<100	3	<0.5	2	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	7.4	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		14.5 - 14.5	10/01/2019	209351	Normal	92	67	1,700	1,700	590	<100	3	<0.5	18	2	1	4	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	<25	<25	<50	<50	260	<100	0.5	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		17.4 - 17.5	10/01/2019	209351	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	<25	<25	<50	<50	790	830	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1.4 - 1.5	14/01/2019	209478	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.4 - 2.5	14/01/2019	209478	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		4.4 - 4.5	14/01/2019	209478	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		5.4 - 5.5	14/01/2019	209478	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		7.5	22/01/2019	210301	Normal	<25	<25	<50	<50	550	300	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	<25	<25	<50	<50	190	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		13.5	23/01/2019	210301	Normal	<25	<25	180	180	1,500	320	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1	27/03/2019	214487	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1.5	28/03/2019	214612	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5	28/03/2019	214612	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		3.5	28/03/2019	214612	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		4.5	28/03/2019	214612	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-	-
		5.5	28/03/2019	214612	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	9.4	-	-
		6.5	28/03/2019	214612	Normal	<25	<25	<50	<50	280	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-
		8.5	28/03/2019	214612	Normal	<25	<25	<50	<50	110	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		9.5	28/03/2019	214612	Normal	<25	<25	<50	<50	1,000	280	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	<25	<25	160	160	1,100	160	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						TRH						BTEX						RTA276 ENM (FM)	Phenols	
						C6-C10 (F1)	C6-C10 (F1 minus BTEX)	C10-C16 (F2)	C10-C16 (F2 minus Naphthalene)	C16-C34 (F3)	C34-C40 (F4)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Foreign Material	Phenolics Total	Phenols
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
		11.5	28/03/2019	214612	Normal	<25	<25	<50	<50	290	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		12.5	28/03/2019	214612	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		14.5	28/03/2019	214612	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		16.5	28/03/2019	214612	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1.5 - 1.6	5/03/2019	212776	Normal	<25	<25	<50	<50	<100	120	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	<75	<75	730	730	8,000	1,400	<0.6	<2	<3	<6	<3	<3	-	<5	-
		3.5 - 3.6	5/03/2019	212776	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		4.5 - 4.6	5/03/2019	212776	Normal	80	80	160	160	1,600	340	<0.4	<1	<2	<4	<2	<2	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		9.5 - 9.6	5/03/2019	212776	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		11.5 - 11.6	5/03/2019	212776	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	<25	<25	<50	<50	100	120	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1 - 1.1	10/12/2018	207802	Normal	<25	<25	<50	<50	110	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1.4 - 1.4	10/12/2018	207802	Normal	<25	<25	<50	<50	120	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5 - 2.6	10/12/2018	207802	Normal	<25	<25	<50	<50	800	330	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	0.05	-	-
		4 - 4.1	10/12/2018	207802	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	<25	<25	<50	<50	180	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	<25	<25	<50	<50	120	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	5.3	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		11 - 11.5	12/12/2018	208342	Normal	<25	<25	<50	<50	1,100	370	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	29	29	<50	<50	100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	SG-EH-102	0.5	4/03/2019	212671	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		1.5	4/03/2019	212671	Normal	<25	<25	78	78	160	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5	4/03/2019	212671	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	<25	<25	67	67	170	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	<25	<25	<50	<50	160	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	<25	<25	<50	<50	630	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	<25	<25	<50	<50	540	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
			26/11/2018	206917	Normal	-	-	<50	<50	460	<100	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
		2.5 - 2.6	26/11/2018	206917	Normal	<25	<25	<50	<50	<100	<100	<0.2	<0.5	<1	<2	<1	<1	-	<5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	<25	<25	58	58	2,100	260	<0.2	<0.5	<1	<2	<1	<1	-	<5	-

						TRH						BTEX						RTA276 ENM (FM)	Phenols	
						C6-C10 (F1)	C6-C10 (F1 minus BTEX)	C10-C16 (F2)	C10-C16 (F2 minus Naphthalene)	C16-C34 (F3)	C34-C40 (F4)	Benzene	Toluene	Ethylbenzene	Xylene (m & p)	Xylene (o)	Xylene Total	Foreign Material	Phenolics Total	Phenols
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg
Sydney Gateway Golder	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<25	<25	<25	<25	410	160	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.2
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<25	<25	<25	<25	410	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.9
		2.5 - 2.6	18/07/2019	SE195628	Normal	<25	<25	<25	<25	1,100	180	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.7
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<25	<25	29	29	520	150	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<25	<25	<25	<25	530	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<25	<25	<25	<25	250	<120	<0.1	0.8	<0.1	<0.2	<0.1	<0.3	-	-	0.5
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	<25	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.1
		0.7 - 0.8	15/07/2019	SE195454	Normal	<25	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.3
		2 - 2.1	15/07/2019	SE195454	Normal	<25	<25	<25	<25	120	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.3
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<25	<25	<25	<25	90	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.1
		1	2/07/2019	SE195155	Normal	<25	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.1
		2 - 2.1	18/07/2019	SE195628	Normal	<25	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.1
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<25	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.1
		1	3/07/2019	SE195155	Normal	<25	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.1
		2.3 - 2.5	30/07/2019	SE196128	Normal	<25	<25	<25	<25	150	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.2
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<25	<25	<25	<25	170	390	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.4
		1.5	1/07/2019	SE195155	Normal	<25	<25	<25	<25	160	140	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.1
		2	1/07/2019	SE195155	Normal	<25	<25	<25	<25	310	230	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.3
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<25	<25	<25	<25	95	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.1
		1	1/07/2019	SE195155	Normal	<25	<25	<25	<25	<90	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	<0.1
		2	2/07/2019	SE195155	Normal	<25	<25	34	34	840	480	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	1.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<25	<25	<25	<25	210	180	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.4
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<25	<25	<25	<25	480	310	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.1
		2	10/07/2019	SE195454	Normal	<25	<25	<25	<25	280	<120	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	-	-	0.2

Statistics

Number of Results	198	198	199	199	199	199	202	198	201	199	199	198	28	174	24
Number of Detects	14	14	32	32	100	60	8	1	6	2	2	1	24	1	18
Minimum Concentration	<25	<25	<25	<25	90	100	<0.1	<0.1	<0.1	<0.2	<0.1	<0.3	0.05	<5	0.1
Minimum Detect	28	28	29	29	90	100	0.2	0.8	1	2	1	4	0.05	6	0.1
Maximum Concentration	690	690	5,200	5,100	110,000	5,400	3	<2	18	<6	<3	4	37	6	1.1
Maximum Detect	690	690	5,200	5,100	110,000	5,400	3	0.8	18	2	1	4	37	6	1.1
Average Concentration *	19	19	101	100	1,040	180	0.16	0.23	0.65	0.92	0.46	0.48	5.5	2.5	0.27
Geometric Average *	14	14	32	32	156	88	0.1	0.21	0.41	0.77	0.38	0.44	1.6	2.5	0.17
Median Concentration *	12.5	12.5	25	25	90	50	0.1	0.25	0.5	1	0.5	0.5	3.45	2.5	0.15
Standard Deviation *	50	50	429	423	7,878	447	0.29	0.096	1.3	0.35	0.17	0.29	7.4	0.27	0.28
Geometric Standard Deviation *	1.6	1.6	2.6	2.6	4.2	2.6	1.8	1.7	2.4	2.2	2.2	1.5	9.4	1.1	2.7

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNSW. WSP did not enter the results into the database and is therefore not responsible for potential transcription errors.

						Benzo(b+j+k)fluoranthene	Benzo(b+j+k)fluoranthene (filtered)	1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthene (filtered)	Acenaphthylene	Acenaphthylene (filtered)	Anthracene	Anthracene (filtered)	Benz(a)anthracene	Benz(a)anthracene (filtered)	Benzo(a) pyrene	Benzo(a) pyrene (filtered)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(g,h,i)perylene (filtered)	Benzo(k)fluoranthene	Chrysene	Chrysene (filtered)	Dibenz(a,h)anthracene	Dibenz(a,h)anthracene (filtered)
						mg/kg	µg/L	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	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L
EQL						0.2	2	0.1	0.1	0.1	1	0.1	1	0.1	1	0.1	1	0.05	0.1	0.1	0.1	1	0.1	0.1	1	0.1	1
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																											
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																											
0-1m																											
1-2m																											
2-4m																											
>=4m																											
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																											
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																											
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																											
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																											
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																						
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	-	0.1	<1	-	0.1	<1	<0.1	<1
		1 - 1.1	22/03/2019	214100	Normal	0.3	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	0.1	<1	-	0.2	<1	<0.1	<1
		1.5 - 1.6	22/03/2019	214100	Normal	0.6	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.3	<1	0.4	<1	-	0.3	<1	-	0.4	<1	<0.1	<1
		2.5 - 2.6	22/03/2019	214100	Normal	0.5	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.3	<1	-	0.2	<1	-	0.3	<1	<0.1	<1
		3.5 - 3.6	22/03/2019	214100	Normal	2.2	<2	-	-	<0.1	<1	0.5	<1	1	<1	1.6	<1	1.4	<1	-	0.8	<1	-	1.7	<1	0.2	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	9.3	<2	-	-	<0.1	<1	0.4	<1	0.8	<1	4	<1	6.6	<1	-	4.6	<1	-	4.9	<1	1.4	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	11	<2	-	-	0.4	<1	0.6	<1	2.6	<1	6.6	<1	7.2	<1	-	4.7	<1	-	7.5	<1	1.3	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	2.4	<2	-	-	<0.1	<1	0.4	<1	0.7	<1	1.5	<1	1.5	<1	-	1	<1	-	1.8	<1	0.3	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	3.1	<2	-	-	0.2	<1	0.2	<1	0.5	<1	1.3	<1	2.1	<1	-	1.7	<1	-	2	<1	0.4	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	<0.4	<2	-	-	<0.2	<1	<0.2	<1	<0.2	<1	<0.2	<1	<0.1	<1	-	<0.2	<1	-	<0.2	<1	<0.2	<1
		12.5 - 12.6	22/03/2019	214100	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		14.5 - 14.6	22/03/2019	214100	Normal	2	<2	-	-	<0.1	<1	0.2	<1	0.3	<1	1.2	<1	1.3	<1	-	0.8	<1	-	1.4	<1	0.2	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	GW8	0.05	20/11/2018	206224	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.09	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	0.5	<2	-	-	<0.1	<1	<0.1	<1	0.2	<1	0.3	<1	0.3	<1	-	0.2	<1	-	0.3	<1	<0.1	<1
		1.5	20/11/2018	206224	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		2.5	20/11/2018	206224	Normal	2	<2	-	-	<0.1	<1	<0.1	<1	0.4	<1	1.2	<1	1.1	<1	-	0.6	<1	-	1	<1	0.2	<1
		3.5	20/11/2018	206224	Normal	23	<2	-	-	0.6	<1	2.3	<1	3.5	<1	14	<1	16	<1	-	9.7	<1	-	12	<1	2.3	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	3.1	<2	-	-	<0.1	<1	0.2	<1	0.4	<1	1.7	<1	2	<1	-	1.4	<1	-	1.5	<1	0.3	<1
		5.5	20/11/2018	206224	Normal	3.6	<2	-	-	<0.1	<1	0.2	<1	0.4	<1	1.6	<1	2.3	<1	-	2	<1	-	1.6	<1	0.4	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.06	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		7.5 - 7.6	4/12/2018	207349	Normal	0.3	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	0.1	<1	-	0.2	<1	<0.1	<1
		8.4 - 8.5	11/01/2019	209484	Normal	0.5	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.3	<1	0.3	<1	-	0.2	<1	-	0.3	<1	<0.1	<1
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	5	<2	-	-	<0.1	<1	0.1	<1	0.3	<1	2.5	<1	3.2	<1	-	2.3	<1	-	2.6	<1	0.5	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	0.09	<1	-	<0.1	<1	-	0.1	<1	<0.1	<1
		13.4 - 13.5	11/01/2019	209484	Normal	0.9	<2	-	-	<0.1	<1	<0.1	<1	0.1	<1	0.5	<1	0.57	<1	-	0.4	<1	-	0.5	<1	<0.1	<1
		15.4 - 15.5	11/01/2019	209484	Normal	2.2	<2	-	-	0.8	<1	0.2	<1	1	<1	1.3	<1	1.1	<1	-	0.7	<1	-	2.8	<1	0.4	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	0.3	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	0.2	<1	-	0.2	<1	<0.1	<1

						Benzo(b+j+k)fluoranthene	Benzo(b+j+k)fluoranthene (filtered)	1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthene (filtered)	Acenaphthylene	Acenaphthylene (filtered)	Anthracene	Anthracene (filtered)	Benz(a)anthracene	Benz(a)anthracene (filtered)	Benzo(a) pyrene	Benzo(a) pyrene (filtered)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(g,h,i)perylene (filtered)	Benzo(k)fluoranthene	Chrysene	Chrysene (filtered)	Dibenz(a,h)anthracene	Dibenz(a,h)anthracene (filtered)
						mg/kg	µg/L	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	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L
		1.5 - 1.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		2.5 - 2.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		3.5 - 3.6	17/12/2018	208433	Normal	0.3	<2	-	-	<0.1	<1	<0.1	<1	0.2	<1	0.3	<1	0.2	<1	-	<0.1	<1	-	0.3	<1	<0.1	<1
		4.5 - 4.6	17/12/2018	208433	Normal	0.4	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	0.2	<1	-	0.3	<1	<0.1	<1
		5.5 - 5.6	17/12/2018	208433	Normal	0.4	<2	-	-	<0.1	<1	<0.1	<1	0.1	<1	0.2	<1	0.3	<1	-	0.2	<1	-	0.2	<1	<0.1	<1
		6 - 6.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	<0.05	<1	-	<0.1	<1	-	0.2	<1	<0.1	<1
		7.5 - 7.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.06	<1	-	<0.1	<1	-	0.2	<1	<0.1	<1
		9.5 - 9.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		13.5 - 13.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		15.5 - 15.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		17.5 - 17.6	17/12/2018	208433	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	1	<2	-	-	<0.1	<1	0.1	<1	0.3	<1	0.8	<1	0.6	<1	-	0.3	<1	-	0.8	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	3.6	<2	-	-	0.1	<1	0.5	<1	1.1	<1	2.8	<1	2.5	<1	-	1.1	<1	-	2.4	<1	0.3	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	0.3	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	0.2	<1	-	0.1	<1	-	0.2	<1	<0.1	<1
		2.5	6/12/2018	207583	Normal	0.9	<2	-	-	0.2	3	<0.1	<1	0.2	<1	0.6	<1	0.62	<1	-	0.3	<1	-	0.6	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	5.2	<2	-	-	0.3	<1	0.6	<1	1.6	<1	3.6	<1	3.8	<1	-	1.9	<1	-	3.2	<1	0.4	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	43	5	-	-	8.4	15	5.9	6	20	4	32	3	24	3	-	16	3	-	35	4	2.4	3
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	12	<2	-	-	0.2	<1	1	<1	2.3	<1	6.3	<1	7.8	<1	-	4.1	<1	-	6.2	<1	0.7	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	1	<2	-	-	<0.1	<1	0.1	<1	0.2	<1	0.6	<1	0.73	<1	-	0.6	<1	-	0.6	<1	0.2	<1
		0.5	9/11/2018	205272	Normal	0.6	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.4	<1	0.4	<1	-	0.2	<1	-	0.4	<1	<0.1	<1
		1	9/11/2018	205272	Normal	0.6	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.3	<1	0.4	<1	-	0.2	<1	-	0.3	<1	0.1	<1
		1.5	9/11/2018	205272	Normal	0.4	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.3	<1	-	0.2	<1	-	0.2	<1	<0.1	<1
		2.5	9/11/2018	205272	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.06	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		3.5	9/11/2018	205272	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		4.5	9/11/2018	205272	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.06	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		5.5	9/11/2018	205272	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		6.5	9/11/2018	205272	Normal	0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	<0.1	<1	-	0.2	<1	<0.1	<1
		7.5	9/11/2018	205272	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		8.5	9/11/2018	205272	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		9.5	9/11/2018	205272	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	SG-BH-102	0.5	20/11/2018	206225	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.07	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		1.5	20/11/2018	206225	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		2.5	20/11/2018	206225	Normal	6.5	<2	-	-	0.5	<1	0.4	5	2.1	<1	4.6	<1	4.2	<1	-	2.4	<1	-	3.8	<1	0.6	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	7.8	<2	-	-	0.7	1	0.6	<1	2.3	<1	5.8	<1	5.3	<1	-	2.8	<1	-	4.7	<1	0.7	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	47	<2	-	-	0.4	<1	3.6	<1	5.7	<1	24	<1	31	<1	-	23	<1	-	21	<1	7.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Benzo(b+j+k)fluoranthene	Benzo(b+j+k)fluoranthene (filtered)	1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthene (filtered)	Acenaphthylene	Acenaphthylene (filtered)	Anthracene	Anthracene (filtered)	Benz(a)anthracene	Benz(a)anthracene (filtered)	Benzo(a) pyrene	Benzo(a) pyrene (filtered)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(g,h,i)perylene (filtered)	Benzo(k)fluoranthene	Chrysene	Chrysene (filtered)	Dibenz(a,h)anthracene	Dibenz(a,h)anthracene (filtered)
						mg/kg	µg/L	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	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L
		1 - 1.1	29/11/2018	207002	Normal	1	<2	-	-	<0.1	<1	<0.1	<1	0.2	<1	0.5	<1	0.73	<1	-	0.5	<1	-	0.5	<1	0.2	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.09	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		2.5 - 2.6	29/11/2018	207002	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.09	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		5.4 - 5.5	29/11/2018	207002	Normal	0.9	<2	-	-	<0.1	<1	<0.1	<1	0.1	<1	0.5	<1	0.59	<1	-	0.5	<1	-	0.5	<1	<0.1	<1
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	0.6	<2	-	-	<0.1	<1	<0.1	<1	0.1	<1	0.4	<1	0.3	<1	-	0.2	<1	-	0.4	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	1	<2	-	-	<0.1	<1	<0.1	<1	0.2	<1	0.6	<1	0.58	<1	-	0.4	<1	-	0.6	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		9.5 - 9.6	29/11/2018	207002	Normal	0.6	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.3	<1	0.3	<1	-	0.3	<1	-	0.8	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	0.2	<2	-	-	0.8	<1	0.3	<1	0.4	<1	0.2	<1	0.1	<1	-	<0.1	<1	-	0.2	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	0.5	<2	-	-	0.5	<1	0.1	<1	0.4	<1	0.4	<1	0.3	<1	-	0.2	<1	-	0.7	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	0.7	<2	-	-	<0.1	<1	<0.1	<1	0.3	<1	0.5	<1	0.4	<1	-	0.2	<1	-	0.5	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.07	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		1.5	15/01/2019	209952	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		2.5	15/01/2019	209952	Normal	2.2	<2	-	-	<0.1	<1	0.2	<1	0.2	<1	1.4	<1	1.4	<1	-	0.7	<1	-	1.3	<1	0.2	<1
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		4.5	15/01/2019	209952	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.07	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		5.5	15/01/2019	209952	Normal	<20	<2	-	-	<10	<1	<10	<1	<10	<1	<10	<1	<5	<1	-	<10	<1	-	<10	<1	<10	<1
		6.5	15/01/2019	209952	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		7.5	15/01/2019	209952	Normal	0.4	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	0.1	<1	-	0.2	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	0.3	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.1	<1	-	0.1	<1	-	0.2	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	0.8	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.4	<1	0.5	<1	-	0.3	<1	-	0.4	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	0.9	<2	-	-	0.2	<1	<0.1	<1	0.1	<1	0.5	<1	0.53	<1	-	0.3	<1	-	0.7	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		14.5	16/01/2019	209952	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	3.3	<2	-	-	0.6	1	<0.1	<1	1	<1	1.9	<1	2	<1	-	1.6	<1	-	1.8	<1	0.3	<1
		2.5 - 2.6	18/12/2018	208548	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		4.2 - 4.3	18/12/2018	208548	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.09	<1	-	<0.1	<1	-	0.2	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	6.7	<2	-	-	0.4	1	0.8	<1	2	<1	4.4	<1	4.5	<1	-	2.5	<1	-	4	<1	0.6	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	0.1	<1	-	<0.1	<1	-	0.1	<1	<0.1	<1
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Benzo(b+j+k)fluoranthene	Benzo(b+j+k)fluoranthene (filtered)	1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthene (filtered)	Acenaphthylene	Acenaphthylene (filtered)	Anthracene	Anthracene (filtered)	Benz(a)anthracene	Benz(a)anthracene (filtered)	Benzo(a) pyrene	Benzo(a) pyrene (filtered)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(g,h,i)perylene (filtered)	Benzo(k)fluoranthene	Chrysene	Chrysene (filtered)	Dibenz(a,h)anthracene	Dibenz(a,h)anthracene (filtered)
						mg/kg	µg/L	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	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L
		3.4 - 3.5	9/01/2019	209271	Normal	0.5	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.3	<1	0.3	<1	-	0.2	<1	-	0.3	<1	<0.1	<1
		4.4 - 4.5	9/01/2019	209271	Normal	0.9	<2	-	-	<0.1	<1	<0.1	<1	0.1	<1	0.5	<1	0.6	<1	-	0.4	<1	-	0.5	<1	<0.1	<1
		5.4 - 5.5	9/01/2019	209271	Normal	2	<2	-	-	<0.1	2	0.2	2	0.2	<1	1	<1	1.1	<1	-	0.7	<1	-	0.9	<1	0.3	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	9.8	<2	-	-	0.9	1	0.4	<1	1.8	<1	6.2	<1	5.6	<1	-	3	<1	-	7.5	<1	0.6	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	9.7	-	-	-	0.7	-	0.4	-	2.1	-	6.1	-	5.8	-	-	3.2	-	-	6.5	-	0.8	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	2	<2	-	-	0.3	1	0.1	<1	0.5	<1	1.4	<1	1.3	<1	-	0.8	<1	-	1.2	<1	0.2	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	0.7	<2	-	-	<0.1	1	<0.1	<1	0.1	<1	0.4	<1	0.4	<1	-	0.3	<1	-	0.4	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	0.3	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	0.1	<1	-	0.2	<1	<0.1	<1
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	2.5	<2	-	-	<0.1	<1	0.2	<1	0.2	<1	1.4	<1	1.6	<1	-	0.9	<1	-	1.2	<1	0.3	<1
		14.5 - 14.5	10/01/2019	209351	Normal	0.2	<2	-	-	0.9	<1	0.2	<1	0.4	<1	0.1	<1	0.1	<1	-	<0.1	<1	-	0.2	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	1	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.4	<1	0.5	<1	-	0.4	<1	-	0.7	<1	0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		17.4 - 17.5	10/01/2019	209351	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	4.5	<2	-	-	0.5	<1	0.3	<1	0.9	<1	1.7	<1	3.1	<1	-	2.7	<1	-	2.2	<1	0.3	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.08	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	0.1	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		1.4 - 1.5	14/01/2019	209478	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		2.4 - 2.5	14/01/2019	209478	Normal	0.7	<2	-	-	<0.1	<1	<0.1	<1	0.1	<1	0.4	<1	0.5	<1	-	0.3	<1	-	0.4	<1	<0.1	<1
		4.4 - 4.5	14/01/2019	209478	Normal	2.8	<2	-	-	<0.1	<1	0.1	<1	0.3	<1	1.6	<1	2	<1	-	1.2	<1	-	1.4	<1	0.2	<1
		5.4 - 5.5	14/01/2019	209478	Normal	2	<2	-	-	<0.1	<1	0.1	<1	0.3	<1	1.2	<1	1.3	<1	-	0.8	<1	-	1.1	<1	0.1	<1
		7.5	22/01/2019	210301	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	0.4	<2	-	-	<0.1	<1	<0.1	<1	0.1	<1	0.2	<1	0.2	<1	-	0.1	<1	-	0.2	<1	<0.1	<1
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		13.5	23/01/2019	210301	Normal	0.6	<2	-	-	0.2	<1	<0.1	<1	0.1	<1	0.3	<1	0.3	<1	-	0.2	<1	-	0.5	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	0.1	<1	-	0.1	<1	-	0.1	<1	<0.1	<1
		1	27/03/2019	214487	Normal	0.5	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.3	<1	0.3	<1	-	0.2	<1	-	0.3	<1	<0.1	<1
		1.5	28/03/2019	214612	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		2.5	28/03/2019	214612	Normal	0.3	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	0.1	<1	-	0.2	<1	<0.1	<1
		3.5	28/03/2019	214612	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		4.5	28/03/2019	214612	Normal	0.6	<2	-	-	<0.1	<1	<0.1	<1	0.1	<1	0.4	<1	0.4	<1	-	0.2	<1	-	0.5	<1	<0.1	<1
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.07	<1	-	<0.1	<1	-	0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	0.08	<1	-	<0.1	<1	-	0.2	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	0.9	<2	-	-	0.3	<1	0.2	<1	0.4	<1	0.6	<1	0.53	<1	-	0.3	<1	-	0.8	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Benzo(b+j+k)fluoranthene	Benzo(b+j+k)fluoranthene (filtered)	1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthene (filtered)	Acenaphthylene	Acenaphthylene (filtered)	Anthracene	Anthracene (filtered)	Benz(a)anthracene	Benz(a)anthracene (filtered)	Benzo(a) pyrene	Benzo(a) pyrene (filtered)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(g,h,i)perylene (filtered)	Benzo(k)fluoranthene	Chrysene	Chrysene (filtered)	Dibenz(a,h)anthracene	Dibenz(a,h)anthracene (filtered)
						mg/kg	µg/L	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	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L
		11.5	28/03/2019	214612	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		12.5	28/03/2019	214612	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		14.5	28/03/2019	214612	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		16.5	28/03/2019	214612	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	0.4	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	0.2	<1	-	0.3	<1	<0.1	<1
		1.5 - 1.6	5/03/2019	212776	Normal	0.9	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.4	<1	0.58	<1	-	0.4	<1	-	0.6	<1	<0.1	<1
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<2	<1	0.4	<1	-	<0.1	<1	-	<2	<1	<0.1	<1
		3.5 - 3.6	5/03/2019	212776	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		4.5 - 4.6	5/03/2019	212776	Normal	<0.2	<2	-	-	0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	0.2	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		9.5 - 9.6	5/03/2019	212776	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		11.5 - 11.6	5/03/2019	212776	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	1	<2	-	-	<0.1	<1	<0.1	<1	0.2	<1	0.5	<1	0.64	<1	-	0.4	<1	-	0.5	<1	<0.1	<1
		1 - 1.1	10/12/2018	207802	Normal	2	<2	-	-	<0.1	<1	0.2	<1	0.3	<1	1.2	<1	1.4	<1	-	0.8	<1	-	1.1	<1	0.2	<1
		1.4 - 1.4	10/12/2018	207802	Normal	2.5	<2	-	-	<0.1	<1	0.3	<1	0.5	<1	1.6	<1	1.7	<1	-	1	<1	-	1.5	<1	0.2	<1
		2.5 - 2.6	10/12/2018	207802	Normal	15	<2	-	-	0.4	<1	1.3	<1	2.1	<1	8	<1	10	<1	-	6.8	<1	-	7.2	<1	1.5	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	0.7	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.3	<1	0.5	<1	-	0.4	<1	-	0.3	<1	<0.1	<1
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	3.5	<2	-	-	0.2	<1	0.2	<1	0.7	<1	2.4	<1	2.2	<1	-	1.1	<1	-	2.1	<1	0.3	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	2	<2	-	-	0.2	<1	0.2	<1	0.8	<1	1.4	<1	1.2	<1	-	0.6	<1	-	1.2	<1	0.2	<1
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	0.6	<2	-	-	<0.1	1	<0.1	<1	0.1	<1	0.4	<1	0.4	<1	-	0.2	<1	-	0.3	<1	<0.1	<1
		11 - 11.5	12/12/2018	208342	Normal	0.7	<2	-	-	<0.1	<1	<0.1	<1	0.2	<1	0.5	<1	0.4	<1	-	0.2	<1	-	0.5	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	SG-EH-102	0.5	4/03/2019	212671	Normal	0.3	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	0.1	<1	-	0.2	<1	<0.1	<1
		1.5	4/03/2019	212671	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.05	<1	-	<0.1	<1	-	0.2	<1	<0.1	<1
		2.5	4/03/2019	212671	Normal	0.3	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	-	0.1	<1	-	0.3	<1	<0.1	<1
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	5	<2	-	-	0.2	<1	0.9	<1	1.9	<1	3.1	<1	3.4	<1	-	1.8	<1	-	2.7	<1	0.3	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	3.7	<2	-	-	0.2	<1	0.5	<1	1	<1	2	<1	2.5	<1	-	1.4	<1	-	1.9	<1	0.4	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	0.1	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	0.7	<2	-	-	<0.1	<1	<0.1	<1	0.2	<1	0.4	<1	0.4	<1	-	0.2	<1	-	0.4	<1	<0.1	<1
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	<0.2	<2	-	-	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.05	<1	-	<0.1	<1	-	<0.1	<1	<0.1	<1
		2.5 - 2.6	26/11/2018	206917	Normal	2.3	<2	-	-	<0.1	<1	0.2	<1	0.4	<1	1.5	<1	1.7	<1	-	0.9	<1	-	1.4	<1	0.2	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	0.9	<2	-	-	0.1	<1	<0.1	<1	<0.1	<1	0.4	<1	0.59	<1	-	0.4	<1	-	0.5	<1	<0.1	<1

						Benzo(b+j+k)fluoranthene	Benzo(b+j+k)fluoranthene (filtered)	1-Methylnaphthalene	2-methylnaphthalene	Acenaphthene	Acenaphthene (filtered)	Acenaphthylene	Acenaphthylene (filtered)	Anthracene	Anthracene (filtered)	Benz(a)anthracene	Benz(a)anthracene (filtered)	Benzo(a) pyrene	Benzo(a) pyrene (filtered)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(g,h,i)perylene (filtered)	Benzo(k)fluoranthene	Chrysene	Chrysene (filtered)	Dibenz(a,h)anthracene	Dibenz(a,h)anthracene (filtered)
						mg/kg	µg/L	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	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L
Sydney Gateway Golder	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	-	-	<0.1	<0.1	0.2	-	0.2	-	1.1	-	6.4	-	13	-	10	6.6	-	3.4	5.8	-	0.6	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	-	-	<0.1	<0.1	0.1	-	0.3	-	0.9	-	4.4	-	6.5	-	6.0	2.9	-	2.0	3.7	-	0.3	-
		2.5 - 2.6	18/07/2019	SE195628	Normal	-	-	0.1	0.1	0.1	-	0.5	-	1.0	-	2.7	-	3.7	-	4.1	1.7	-	1.7	2.6	-	0.2	-
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	-	-	1.2	0.8	4.7	-	0.4	-	8.2	-	14	-	15	-	14	7.0	-	3.6	9.2	-	0.7	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	-	-	<0.1	<0.1	0.3	-	1.5	-	4.8	-	11	-	11	-	11	5.6	-	6.6	10	-	1.3	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	-	-	<0.1	<0.1	<0.1	-	0.3	-	0.9	-	1.8	-	1.9	-	2.2	1.0	-	1.0	1.6	-	0.2	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
		0.7 - 0.8	15/07/2019	SE195454	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
		2 - 2.1	15/07/2019	SE195454	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	0.2	-	0.4	-	0.6	-	0.6	0.4	-	0.3	0.4	-	<0.1	-
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	0.2	-	0.7	-	1.2	-	1.0	0.6	-	0.4	0.7	-	<0.1	-
		1	2/07/2019	SE195155	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	-	<0.1	-
		2 - 2.1	18/07/2019	SE195628	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	0.2	-	0.2	-	0.3	0.1	-	0.1	0.2	-	<0.1	-
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	0.1	-	0.6	-	1.1	-	1.1	0.8	-	0.3	0.5	-	<0.1	-
		1	3/07/2019	SE195155	Normal	-	-	<0.1	<0.1	0.1	-	<0.1	-	0.3	-	1.0	-	2.0	-	1.7	1.4	-	0.6	1.1	-	<0.1	-
		2.3 - 2.5	30/07/2019	SE196128	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	0.2	-	0.4	-	0.5	-	0.5	0.3	-	0.3	0.4	-	<0.1	-
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	0.1	-	0.3	-	0.3	0.5	-	0.2	0.2	-	<0.1	-
		1.5	1/07/2019	SE195155	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	0.3	-	0.8	-	1.1	-	1.1	0.6	-	0.3	0.7	-	<0.1	-
		2	1/07/2019	SE195155	Normal	-	-	0.1	<0.1	0.4	-	0.2	-	1.1	-	2.7	-	3.7	-	3.5	1.8	-	1.0	2.4	-	0.2	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	0.2	-	0.6	-	0.8	-	0.8	0.6	-	0.3	0.4	-	<0.1	-
		1	1/07/2019	SE195155	Normal	-	-	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	0.1	-	0.1	-	0.2	0.1	-	<0.1	<0.1	-	<0.1	-
		2	2/07/2019	SE195155	Normal	-	-	0.6	0.5	1.8	-	2.4	-	5.1	-	11	-	14	-	12	6.3	-	3.9	8.9	-	1.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	-	0.3	0.3	0.8	-	0.2	-	2.3	-	4.4	-	6.0	-	5.4	3.2	-	1.8	3.3	-	0.5	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	-	-	0.1	0.1	0.2	-	0.1	-	0.6	-	2.0	-	3.2	-	3.0	2.1	-	1.0	1.7	-	0.2	-
		2	10/07/2019	SE195454	Normal	-	-	<0.1	<0.1	0.5	-	0.2	-	1.4	-	3.1	-	3.5	-	3.5	1.9	-	1.6	2.6	-	0.3	-

Statistics

Number of Results	175	174	24	24	199	174	199	174	199	174	199	174	199	178	24	199	174	24	199	174	199	174
Number of Detects	96	1	6	5	42	10	53	3	83	1	120	1	136	1	21	111	1	20	124	1	53	1
Minimum Concentration	0.2	<2	0.1	0.1	0.1	1	0.1	<1	0.1	<1	0.1	<1	0.05	<0.1	<0.1	0.1	<1	0.1	0.1	<1	0.1	<1
Minimum Detect	0.2	5	0.1	0.1	0.1	1	0.1	2	0.1	4	0.1	3	0.05	3	0.2	0.1	3	0.1	0.1	4	0.1	3
Maximum Concentration	47	5	1.2	0.8	<10	15	<10	6	20	4	32	3	31	3	14	23	3	6.6	35	4	<10	3
Maximum Detect	47	5	1.2	0.8	8.4	15	5.9	6	20	4	32	3	31	3	14	23	3	6.6	35	4	7.1	3
Average Concentration *	1.9	1	0.14	0.11	0.21	0.63	0.22	0.57	0.55	0.52	1.3	0.51	1.5	0.5	3.4	0.91	0.51	1.3	1.3	0.52	0.23	0.51
Geometric Average *	0.4	1	0.074	0.071	0.078	0.53	0.085	0.52	0.13	0.51	0.27	0.51	0.24	0.48	1.3	0.21	0.51	0.53	0.28	0.51	0.089	0.51
Median Concentration *	0.3	1	0.05	0.05	0.05	0.5	0.05	0.5	0.05	0.5	0.2	0.5	0.2	0.5	1.4	0.1	0.5	0.5	0.2	0.5	0.05	0.5
Standard Deviation *	5.5	0.3	0.26	0.18	0.78	1.1	0.66	0.55	1.7	0.27	3.5	0.19	3.7	0.2	4.2	2.4	0.19	1.6	3.4	0.27	0.68	0.19
Geometric Standard Deviation *	4.8	1.1	2.4	2.2	2.6	1.4	2.8	1.3	4.1	1.2	5.5	1.1	7.1	1.4	5.7	4.9	1.1	4.5	5.3	1.2	2.8	1.1

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

						PAH																		
						Fluoranthene	Fluoranthene (filtered)	Fluorene	Fluorene (filtered)	Indeno(1,2,3-c,d)pyrene	Indeno(1,2,3-c,d)pyrene (filtered)	Phenanthrene	Phenanthrene (filtered)	Pyrene	Pyrene (filtered)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)_	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	Naphthalene (filtered)	PAHs (Sum of positives)	PAHs (Sum of positives) (filtered)	PAHs (Sum of total)	PAHs (Sum of total) (filtered)	PAHs (NSW Waste 2008)	PAHs (NSW Waste 2008) (filtered)
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	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
EQL						0.1	1	0.1	1	0.1	1	0.1	1	0.1	1	0.2	0.3	0.2	0.1	1	0.05		0.8			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																40	40	40					4,000			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																			NL | NL | NL | NL							
0-1m																			NL							
1-2m																			NL							
2-4m																			NL							
>=4m																			NL							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																										
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																			11,000							
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																			29,000							
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																										
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																					
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.93	0	1.5	<14	1.2	<12
		1 - 1.1	22/03/2019	214100	Normal	0.2	<1	<0.1	<1	0.1	<1	0.1	<1	0.3	<1	<0.5	<0.5	<0.5	<0.1	<1	1.6	0	2	<14	1.7	<12
		1.5 - 1.6	22/03/2019	214100	Normal	0.5	<1	<0.1	<1	0.2	<1	0.2	<1	0.5	<1	0.6	0.6	0.5	<0.1	<1	3.4	0	3.4	<14	2.8	<12
		2.5 - 2.6	22/03/2019	214100	Normal	0.4	<1	<0.1	<1	0.2	<1	0.2	<1	0.4	<1	<0.5	<0.5	<0.5	<0.1	<1	2.5	0	2.8	<14	2.3	<12
		3.5 - 3.6	22/03/2019	214100	Normal	3.5	<1	0.5	<1	0.7	<1	3.7	<1	3.2	<1	2.1	2.1	2.1	0.2	<1	21	0	19.1	<14	17	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	5.8	<1	0.3	<1	3.6	<1	2.4	<1	7.3	<1	9.8	9.8	9.8	0.3	<1	52	0	42.5	<14	32.3	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	17	1	1.3	2	3.8	<1	11	5	15	<1	11	11	11	0.2	<1	90	8.2	79.2	19	68.2	17
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	3.4	<1	0.2	<1	0.7	<1	2.7	<1	3.4	<1	2.3	2.3	2.3	0.2	<1	20	0	17.9	<14	15.7	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	0.2	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	<0.5	<0.5	<0.5	0.2	<1	0.8	0	1.75	<14	1.6	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	3.6	1	0.4	1	1.2	<1	2.2	3	3.7	<1	3.1	3.1	3.1	0.6	<1	23	4.7	20.1	16	16.8	14
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	0.4	<1	0.4	0	1.65	<14	1.5	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	<0.2	<1	<0.2	<1	<0.2	<1	<0.2	<1	<0.2	<1	<1	<1	<1	<0.2	<1	<0.1	0	<2.7	<14	<2.4	<12
		12.5 - 12.6	22/03/2019	214100	Normal	0.3	<1	<0.1	<1	<0.1	<1	0.2	<1	0.3	<1	<0.5	<0.5	<0.5	<0.1	<1	0.78	0	1.85	<14	1.7	<12
		14.5 - 14.6	22/03/2019	214100	Normal	2.2	<1	0.2	<1	0.6	<1	1	<1	2.4	<1	1.9	1.9	1.9	0.3	<1	14	0	12.2	<14	10.3	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
	GW8	0.05	20/11/2018	206224	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.09	0	1.39	<14	<1.2	<12
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	0.7	<1	<0.1	<1	0.2	<1	0.6	2	0.6	<1	<0.5	<0.5	<0.5	<0.1	<1	3.8	2	3.9	15	3.4	13
		1.5	20/11/2018	206224	Normal	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.1	0	1.35	<14	1.2	<12
		2.5	20/11/2018	206224	Normal	2.8	<1	0.1	<1	0.5	<1	1.5	<1	2.6	<1	1.6	1.6	1.6	<0.1	<1	14	0	12.3	<14	10.7	<12
		3.5	20/11/2018	206224	Normal	31	<1	1.2	<1	7.8	<1	11	<1	31	<1	23	23	23	0.8	2	170	1.7	143.2	15	119.4	13
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	2.4	<1	<0.1	<1	1.1	<1	0.8	<1	2.4	<1	2.9	2.9	2.9	<0.1	<1	17	0	14.5	<14	11.4	<12
		5.5	20/11/2018	206224	Normal	2.2	<1	<0.1	<1	1.4	<1	0.7	<1	2.3	<1	3.4	3.4	3.4	0.1	<1	19	0	15.4	<14	11.7	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.06	0	1.36	<14	<1.2	<12
		7.5 - 7.6	4/12/2018	207349	Normal	0.4	<1	<0.1	<1	0.1	<1	0.1	<1	0.4	<1	<0.5	<0.5	<0.5	<0.1	<1	2.1	0	2.3	<14	2	<12
		8.4 - 8.5	11/01/2019	209484	Normal	0.8	<1	<0.1	<1	0.2	<1	0.4	<1	0.7	<1	<0.5	0.5	<0.5	<0.1	<1	3.8	0	3.8	<14	3.3	<12
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	4.7	<1	<0.1	<1	1.7	<1	0.9	<1	5	<1	4.7	4.7	4.7	0.1	<1	29	0	24.1	<14	19.2	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	0.2	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	<0.5	<0.5	<0.5	<0.1	<1	0.87	0	1.69	<14	1.5	<12
		13.4 - 13.5	11/01/2019	209484	Normal	1	<1	<0.1	<1	0.3	<1	0.4	<1	1	<1	0.8	0.8	0.7	<0.1	<1	5.6	0	5.27	<14	4.4	<12
		15.4 - 15.5	11/01/2019	209484	Normal	3.8	<1	1.4	<1	0.5	<1	4.6	<1	2.8	<1	1.9	1.9	1.9	0.7	<1	25	0	22.1	<14	20.5	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	0.4	<1	<0.1	<1	0.1	<1	0.2	<1	0.4	<1	<0.5	<0.5	<0.5	<0.1	<1	2.1	0	2.5	<14	2.2	<12

						PAH																			
						Fluoranthene	Fluoranthene (filtered)	Fluorene	Fluorene (filtered)	Indeno(1,2,3-c,d)pyrene	Indeno(1,2,3-c,d)pyrene (filtered)	Phenanthrene	Phenanthrene (filtered)	Pyrene	Pyrene (filtered)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)_	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	Naphthalene (filtered)	PAHs (Sum of positives)	PAHs (Sum of positives) (filtered)	PAHs (Sum of total)	PAHs (Sum of total) (filtered)	PAHs (NSW Waste 2008)	PAHs (NSW Waste 2008) (filtered)
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	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
		1.5 - 1.6	17/12/2018	208433	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		2.5 - 2.6	17/12/2018	208433	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		3.5 - 3.6	17/12/2018	208433	Normal	1.2	<1	<0.1	<1	<0.1	<1	0.7	<1	0.9	<1	<0.5	<0.5	<0.5	<0.1	<1	4.1	0	4.5	<14	4.2	<12
		4.5 - 4.6	17/12/2018	208433	Normal	0.6	<1	<0.1	<1	0.1	<1	0.4	<1	0.6	<1	<0.5	<0.5	<0.5	<0.1	<1	3.3	0	3.2	<14	2.9	<12
		5.5 - 5.6	17/12/2018	208433	Normal	0.9	<1	<0.1	<1	0.1	<1	0.7	<1	0.8	<1	<0.5	<0.5	<0.5	<0.1	<1	4	0	4	<14	3.6	<12
		6 - 6.6	17/12/2018	208433	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.3	0	1.45	<14	1.3	<12
		7.5 - 7.6	17/12/2018	208433	Normal	0.2	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	<0.5	<0.5	<0.5	0.6	1	1.3	1.3	2.15	14	2	12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	0.2	<1	0.1	<1	<0.1	<1	0.4	<1	0.3	<1	<0.5	<0.5	<0.5	1	3	2.3	2.6	2.96	16	2.8	14
		9.5 - 9.6	17/12/2018	208433	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	0.2	<1	0.2	0	1.45	<14	1.3	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	<0.1	<1	<0.5	<0.5	<0.5	0.2	<1	0.4	0	1.55	<14	1.4	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		13.5 - 13.6	17/12/2018	208433	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		15.5 - 15.6	17/12/2018	208433	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		17.5 - 17.6	17/12/2018	208433	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	1.9	<1	0.2	<1	0.2	<1	1.3	<1	1.9	<1	0.9	0.9	0.8	0.2	<1	9.6	0	8.8	<14	8	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	6.3	<1	0.5	<1	1	<1	5.1	<1	5.9	<1	3.5	3.5	3.5	0.2	<1	33	0	29.8	<14	26.3	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	0.3	<1	<0.1	<1	<0.1	<1	0.2	<1	0.3	<1	<0.5	<0.5	<0.5	<0.1	<1	1.8	0	2.1	<14	1.8	<12
		2.5	6/12/2018	207583	Normal	1.5	<1	0.2	2	0.3	<1	1	4	1.5	<1	0.9	0.9	0.8	0.2	3	8.2	12	7.42	22	6.5	20
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	8.6	<1	0.8	<1	1.6	<1	6.3	2	8.4	<1	5.3	5.3	5.3	0.4	<1	47	1.8	41.5	15	36.1	13
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	88	7	14	16	13	3	90	27	78	6	36	36	36	11	51	480	150	439.7	151	402.7	145
						-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	12	<1	0.6	<1	3.6	<1	7.4	<1	11	<1	11	11	11	0.3	<1	76	0	63.5	<14	52.1	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	1	<1	<0.1	<1	0.4	<1	0.4	<1	1	<1	1.1	1.1	1.1	<0.1	<1	6.8	0	6.13	<14	5	<12
		0.5	9/11/2018	205272	Normal	0.5	<1	<0.1	<1	0.2	<1	0.2	<1	0.6	<1	0.6	0.7	0.6	<0.1	<1	3.6	0	3.5	<14	2.9	<12
		1	9/11/2018	205272	Normal	0.5	<1	<0.1	<1	0.2	<1	0.2	<1	0.5	<1	0.6	0.6	0.6	<0.1	<1	3.2	0	3.2	<14	2.6	<12
		1.5	9/11/2018	205272	Normal	0.4	<1	<0.1	<1	0.1	<1	0.2	<1	0.4	<1	<0.5	<0.5	<0.5	<0.1	<1	2.4	0	2.6	<14	2.2	<12
		2.5	9/11/2018	205272	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.06	0	1.36	<14	<1.2	<12
		3.5	9/11/2018	205272	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		4.5	9/11/2018	205272	Normal	0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.3	0	1.36	<14	1.2	<12
		5.5	9/11/2018	205272	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		6.5	9/11/2018	205272	Normal	0.4	<1	<0.1	<1	<0.1	<1	0.3	<1	0.4	<1	<0.5	<0.5	<0.5	<0.1	<1	1.9	0	2.5	<14	2.2	<12
		7.5	9/11/2018	205272	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		8.5	9/11/2018	205272	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		9.5	9/11/2018	205272	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
	SG-BH-102	0.5	20/11/2018	206225	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.07	0	1.37	<14	<1.2	<12
		1.5	20/11/2018	206225	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		2.5	20/11/2018	206225	Normal	9.2	<1	0.6	<1	2	<1	5.9	2	8.6	<1	6.2	6.2	6.2	0.3	<1	52	6.7	45.2	19	39	17
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	12	<1	0.8	<1	2.3	<1	7.6	2	12	<1	7.6	7.6	7.6	0.3	1	66	5.2	57.9	15	50.3	13
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	54	<1	1.2	<1	20	<1	22	<1	55	<1	47	47	47	0.2	<1	310	0	268.2	<14	217.2	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-

						PAH																			
						Fluoranthene	Fluoranthene (filtered)	Fluorene	Fluorene (filtered)	Indeno(1,2,3-c,d)pyrene	Indeno(1,2,3-c,d)pyrene (filtered)	Phenanthrene	Phenanthrene (filtered)	Pyrene	Pyrene (filtered)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)_	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	Naphthalene (filtered)	PAHs (Sum of positives)	PAHs (Sum of positives) (filtered)	PAHs (Sum of total)	PAHs (Sum of total) (filtered)	PAHs (NSW Waste 2008)	PAHs (NSW Waste 2008) (filtered)
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	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
		1 - 1.1	29/11/2018	207002	Normal	0.9	<1	<0.1	<1	0.4	<1	0.5	<1	1	<1	1.1	1.1	1.1	0.2	<1	6.7	0	5.93	<14	4.8	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	0.2	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	<0.5	<0.5	<0.5	<0.1	<1	0.4	0	1.59	<14	1.4	<12
		2.5 - 2.6	29/11/2018	207002	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	0.2	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	<0.5	<0.5	<0.5	<0.1	<1	0.4	0	1.59	<14	1.4	<12
		5.4 - 5.5	29/11/2018	207002	Normal	1	<1	<0.1	<1	0.4	<1	0.5	<1	1	<1	0.8	0.9	0.8	<0.1	<1	5.9	0	5.59	<14	4.6	<12
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	0.7	<1	<0.1	<1	0.1	<1	0.6	<1	0.7	<1	<0.5	0.5	<0.5	0.8	<1	4.8	0	4.7	<14	4.3	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	1.3	<1	<0.1	<1	0.3	<1	0.9	<1	1.3	<1	0.8	0.9	0.8	0.7	<1	8	0	7.28	<14	6.4	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		9.5 - 9.6	29/11/2018	207002	Normal	0.6	<1	0.2	<1	0.2	<1	0.4	<1	0.7	<1	<0.5	0.5	<0.5	0.8	<1	5.3	0	5	<14	4.5	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	1.1	<1	1	<1	<0.1	<1	1.7	<1	1	<1	<0.5	<0.5	<0.5	20	61	27	61	28.1	74	27.9	72
						-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	1.2	<1	0.6	<1	0.1	<1	1.9	<1	1.3	<1	<0.5	<0.5	<0.5	<1	<1	9.2	0	8.9	<14	8.5	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	1.4	<1	0.2	<1	0.2	<1	1.2	<1	1.2	<1	0.6	0.6	0.5	0.2	<1	6.9	0	6.6	<14	6	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.3	0	1.37	<14	1.2	<12
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		1.5	15/01/2019	209952	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		2.5	15/01/2019	209952	Normal	2.6	<1	<0.1	<1	0.6	<1	0.6	<1	2.8	<1	2.1	2.1	2.1	<0.1	<1	14	0	12.3	<14	10.3	<12
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.1	0	1.35	<14	1.2	<12
		4.5	15/01/2019	209952	Normal	0.2	<1	<0.1	<1	<0.1	<1	0.1	<1	0.2	<1	<0.5	<0.5	<0.5	<0.1	<1	0.5	0	1.57	<14	1.4	<12
		5.5	15/01/2019	209952	Normal	11	<1	<10	<1	<10	<1	22	1	13	<1	9.6	19	<0.5	<1	<1	46	1.1	142	14	127	12
		6.5	15/01/2019	209952	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		7.5	15/01/2019	209952	Normal	0.5	<1	<0.1	<1	<0.1	<1	0.2	<1	0.4	<1	<0.5	<0.5	<0.5	0.4	<1	2.7	0	2.8	<14	2.5	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	0.4	<1	0.4	0	1.65	<14	1.5	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	0.2	<1	<0.1	<1	<0.1	<1	0.2	1	0.3	<1	<0.5	<0.5	<0.5	0.3	<1	1.9	1.1	2.2	14	2	12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	0.5	<1	<0.1	<1	0.3	<1	0.3	<1	0.6	<1	0.7	0.7	0.6	0.7	<1	4.7	0	4.5	<14	3.7	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	1.3	<1	0.2	<1	0.3	<1	0.9	<1	1.3	<1	0.8	0.8	0.7	0.5	1	7.7	1.1	7.03	14	6.2	12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		14.5	16/01/2019	209952	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	5.9	<1	0.6	<1	1.1	<1	5	2	5	<1	2.9	2.9	2.9	<0.1	<1	30	2.5	27	15	23.9	13
		2.5 - 2.6	18/12/2018	208548	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		4.2 - 4.3	18/12/2018	208548	Normal	0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	<0.5	<0.5	<0.5	0.3	<1	0.58	0	1.55	<14	1.4	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	0.2	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	<0.5	<0.5	<0.5	0.8	2	1.7	2.2	2.49	15	2.3	13
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	9.7	<1	0.7	<1	2	<1	7.4	3	8.6	<1	6.4	6.4	6.4	0.3	<1	55	3.9	47.9	16	41.4	14
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	0.3	<1	<0.1	<1	<0.1	<1	0.1	<1	0.2	<1	<0.5	<0.5	<0.5	<0.1	<1	1.2	0	1.7	<14	1.5	<12
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						PAH																			
						Fluoranthene	Fluoranthene (filtered)	Fluorene	Fluorene (filtered)	Indeno(1,2,3-c,d)pyrene	Indeno(1,2,3-c,d)pyrene (filtered)	Phenanthrene	Phenanthrene (filtered)	Pyrene	Pyrene (filtered)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)_	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	Naphthalene (filtered)	PAHs (Sum of positives)	PAHs (Sum of positives) (filtered)	PAHs (Sum of total)	PAHs (Sum of total) (filtered)	PAHs (NSW Waste 2008)	PAHs (NSW Waste 2008) (filtered)
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	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
		3.4 - 3.5	9/01/2019	209271	Normal	0.5	<1	<0.1	<1	0.2	<1	0.2	<1	0.5	<1	<0.5	0.5	<0.5	<0.1	<1	3	0	3.1	<14	2.6	<12
		4.4 - 4.5	9/01/2019	209271	Normal	0.8	<1	<0.1	<1	0.3	<1	0.3	<1	0.8	<1	0.8	0.9	0.8	<0.1	<1	5.3	0	4.8	<14	3.9	<12
		5.4 - 5.5	9/01/2019	209271	Normal	1.6	<1	<0.1	<1	0.5	<1	0.6	2	1.7	<1	1.7	1.7	1.7	0.2	8	11	14	9.2	24	7.6	22
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	15	2	1	1	2.8	<1	5.9	3	14	1	8.2	8.2	8.2	0.3	<1	75	8.3	65	17	56.6	15
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	15	-	1	-	2.7	-	7.5	-	14	-	8.5	8.5	8.5	0.2	-	75	-	66	-	57.5	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	2.8	<1	0.4	1	0.7	<1	2	2	3	<1	2	2	2	0.5	4	17	7.6	15.2	18	13.2	16
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	1	<1	0.1	1	0.2	<1	0.6	2	1	<1	0.6	0.7	0.6	0.1	5	5.4	8.3	4.9	19	4.3	17
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	0.4	<1	<0.1	<1	<0.1	<1	0.2	<1	0.4	<1	<0.5	<0.5	<0.5	<0.1	<1	2	0	2.4	<14	2.1	<12
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	0.3	<1	0.1	<1	<0.1	<1	0.3	<1	0.3	<1	<0.5	<0.5	<0.5	<1	<1	2.3	0	3.15	<14	3	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	2	<1	<0.1	<1	0.8	<1	0.6	<1	2.2	<1	2.4	2.4	2.4	<0.1	<1	14	0	11.7	<14	9.3	<12
		14.5 - 14.5	10/01/2019	209351	Normal	0.3	<1	1.2	<1	<0.1	<1	2.3	<1	0.5	<1	<0.5	<0.5	<0.5	49	6	59	6.2	58.5	19	58.3	17
						-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	0.8	<1	<0.1	<1	0.4	<1	0.2	<1	0.8	<1	0.8	0.8	0.8	0.1	<1	5.8	0	4.8	<14	3.9	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		17.4 - 17.5	10/01/2019	209351	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	4.3	<1	0.5	<1	1.8	<1	3.3	<1	4	<1	4.2	4.2	4.2	0.3	<1	30	0	25.9	<14	21	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	0.08	0	1.38	<14	<1.2	<12
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	0.2	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	<0.5	<0.5	<0.5	<0.1	<1	0.52	0	1.6	<14	1.4	<12
		1.4 - 1.5	14/01/2019	209478	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		2.4 - 2.5	14/01/2019	209478	Normal	0.8	<1	<0.1	<1	0.2	<1	0.4	<1	0.8	<1	0.7	0.7	0.6	<0.1	<1	4.7	0	4.4	<14	3.7	<12
		4.4 - 4.5	14/01/2019	209478	Normal	2.8	<1	<0.1	<1	0.9	<1	0.8	<1	2.9	<1	2.8	2.8	2.8	<0.1	<1	17	0	14.5	<14	11.6	<12
		5.4 - 5.5	14/01/2019	209478	Normal	2.4	<1	<0.1	<1	0.6	<1	1	<1	2.3	<1	1.8	1.8	1.8	<0.1	<1	13	0	11.5	<14	9.6	<12
		7.5	22/01/2019	210301	Normal	0.1	<1	<0.1	<1	<0.1	<1	0.3	<1	0.1	<1	<0.5	<0.5	<0.5	0.3	<1	0.78	0	1.75	<14	1.6	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	0.6	<1	0.1	<1	0.1	<1	0.6	<1	0.5	<1	<0.5	<0.5	<0.5	<0.1	<1	3.2	0	3.1	<14	2.8	<12
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		13.5	23/01/2019	210301	Normal	0.7	<1	0.2	<1	0.2	<1	0.8	<1	0.8	<1	0.5	0.6	<0.5	0.4	<1	5.4	0	4.9	<14	4.4	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	0.2	<1	<0.1	<1	<0.1	<1	0.1	<1	0.2	<1	<0.5	<0.5	<0.5	<0.1	<1	1.1	0	1.6	<14	1.4	<12
		1	27/03/2019	214487	Normal	0.5	<1	<0.1	<1	0.2	<1	0.2	<1	0.5	<1	<0.5	0.5	<0.5	<0.1	<1	3	0	3.1	<14	2.6	<12
		1.5	28/03/2019	214612	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		2.5	28/03/2019	214612	Normal	0.4	<1	<0.1	<1	<0.1	<1	0.4	<1	0.4	<1	<0.5	<0.5	<0.5	<0.1	<1	2	0	2.6	<14	2.3	<12
		3.5	28/03/2019	214612	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		4.5	28/03/2019	214612	Normal	0.9	<1	<0.1	<1	0.2	<1	0.6	<1	1	<1	0.6	0.6	0.5	<0.1	<1	4.9	0	4.8	<14	4.2	<12
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	0.2	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	<0.5	<0.5	<0.5	0.9	<1	1.7	0	2.47	<14	2.3	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	0.2	<1	<0.1	<1	<0.1	<1	0.2	<1	0.2	<1	<0.5	<0.5	<0.5	0.3	<1	1.3	0	1.98	<14	1.8	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	1.5	<1	0.5	<1	0.2	<1	1.6	<1	1.4	<1	0.8	0.8	0.7	0.9	<1	10	0	9.33	<14	8.6	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-

						PAH																			
						Fluoranthene	Fluoranthene (filtered)	Fluorene	Fluorene (filtered)	Indeno(1,2,3-c,d)pyrene	Indeno(1,2,3-c,d)pyrene (filtered)	Phenanthrene	Phenanthrene (filtered)	Pyrene	Pyrene (filtered)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)_	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	Naphthalene (filtered)	PAHs (Sum of positives)	PAHs (Sum of positives) (filtered)	PAHs (Sum of total)	PAHs (Sum of total) (filtered)	PAHs (NSW Waste 2008)	PAHs (NSW Waste 2008) (filtered)
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	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
		11.5	28/03/2019	214612	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		12.5	28/03/2019	214612	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		14.5	28/03/2019	214612	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		16.5	28/03/2019	214612	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	0.4	<1	<0.1	<1	0.1	<1	0.2	<1	0.4	<1	<0.5	<0.5	<0.5	<0.1	<1	2.4	0	2.6	<14	2.3	<12
		1.5 - 1.6	5/03/2019	212776	Normal	0.7	<1	<0.1	<1	0.3	<1	0.2	<1	0.8	<1	0.8	0.8	0.7	<0.1	<1	4.8	0	4.58	<14	3.7	<12
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	<0.1	<1	1.9	<1	<0.1	<1	0.3	<1	<0.1	<1	0.6	0.8	<0.5	<0.1	<1	2.8	0	7.5	<14	7	<12
		3.5 - 3.6	5/03/2019	212776	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		4.5 - 4.6	5/03/2019	212776	Normal	0.3	<1	0.1	<1	<0.1	<1	0.4	<1	0.3	<1	<0.5	<0.5	<0.5	1	<1	2.4	0	3.05	<14	2.9	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		9.5 - 9.6	5/03/2019	212776	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		11.5 - 11.6	5/03/2019	212776	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	1	<1	0.1	<1	0.3	<1	0.6	<1	1	<1	0.9	0.9	0.8	<0.1	<1	6.2	0	5.64	<14	4.7	<12
		1 - 1.1	10/12/2018	207802	Normal	2.1	<1	0.1	<1	0.6	<1	1	<1	2.1	<1	2	2	2	<0.1	<1	13	0	11.3	<14	9.3	<12
		1.4 - 1.4	10/12/2018	207802	Normal	3.3	<1	0.2	<1	0.8	<1	2	<1	3.2	<1	2.4	2.4	2.4	<0.1	<1	19	0	16.5	<14	14	<12
		2.5 - 2.6	10/12/2018	207802	Normal	14	<1	0.5	<1	5.2	<1	5.5	<1	14	<1	14	14	14	0.2	<1	92	0	76.7	<14	61.5	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	0.4	<1	<0.1	<1	0.3	<1	0.1	<1	0.5	<1	0.7	0.8	0.7	<0.1	<1	3.7	0	3.4	<14	2.6	<12
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	4.6	<1	0.1	<1	0.9	<1	4.2	<1	4.3	<1	3.2	3.2	3.2	0.4	<1	27	0	23.7	<14	20.6	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	3.6	<1	0.3	<1	0.5	<1	3.4	<1	2.9	<1	1.7	1.7	1.7	<0.1	<1	18	0	16.6	<14	14.9	<12
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	0.7	<1	0.1	<1	0.2	<1	0.5	2	0.6	<1	0.6	0.6	0.5	<0.1	<1	4.2	3	3.9	15	3.3	13
		11 - 11.5	12/12/2018	208342	Normal	1.1	<1	<0.1	<1	0.2	<1	0.7	<1	1	<1	0.6	0.7	0.6	0.1	<1	5.6	0	5.3	<14	4.7	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.1	<1	<0.5	<0.5	<0.5	0.1	<1	0.56	0	1.45	<14	1.3	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
	SG-EH-102	0.5	4/03/2019	212671	Normal	0.3	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.3	<1	<0.5	<0.5	<0.5	<0.1	<1	1.7	0	2.1	<14	1.8	<12
		1.5	4/03/2019	212671	Normal	0.1	<1	<0.1	<1	<0.1	<1	0.1	<1	0.2	<1	<0.5	<0.5	<0.5	<0.1	<1	0.71	0	1.55	<14	1.4	<12
		2.5	4/03/2019	212671	Normal	0.4	<1	<0.1	<1	<0.1	<1	0.2	<1	0.4	<1	<0.5	<0.5	<0.5	<0.1	<1	2.2	0	2.5	<14	2.2	<12
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	7	<1	1.1	1	1.6	<1	6.5	3	6.2	<1	4.7	4.7	4.7	<1	3	43	7	37.9	18	32.9	16
						-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	4.5	<1	0.5	<1	1.2	<1	3.5	1	4	<1	3.6	3.6	3.6	0.6	1	28	2	24.2	14	20.5	12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	0.2	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	<0.5	<0.5	<0.5	<0.1	<1	0.58	0	1.6	<14	1.4	<12
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	0.9	<1	<0.1	<1	0.2	<1	0.6	<1	0.8	<1	0.6	0.7	0.6	<0.1	<1	4.8	0	4.6	<14	4	<12
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.5	<0.5	<0.5	<0.1	<1	<0.05	0	<1.35	<14	<1.2	<12
		2.5 - 2.6	26/11/2018	206917	Normal	2.9	<1	0.1	<1	0.7	<1	1.6	<1	2.9	<1	2.3	2.3	2.3	0.1	<1	17	0	14.7	<14	12.3	<12
						-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	0.9	<1	<0.1	<1	0.4	<1	0.3	<1	1	<1	0.8	0.9	0.8	<0.1	<1	5.7	0	5.09	<14	4.1	<12

						PAH																			
						Fluoranthene	Fluoranthene (filtered)	Fluorene	Fluorene (filtered)	Indeno(1,2,3-c,d)pyrene	Indeno(1,2,3-c,d)pyrene (filtered)	Phenanthrene	Phenanthrene (filtered)	Pyrene	Pyrene (filtered)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ (LOR)_	Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	Naphthalene (filtered)	PAHs (Sum of positives)	PAHs (Sum of positives) (filtered)	PAHs (Sum of total)	PAHs (Sum of total) (filtered)	PAHs (NSW Waste 2008)	PAHs (NSW Waste 2008) (filtered)
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	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
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	10	-	0.2	-	8.9	-	1.8	-	10	-	17	17	17	<0.1	-	79	-	79	-	-	-
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	8.5	-	0.2	-	4.8	-	3.2	-	8.7	-	8.5	8.5	8.5	<0.1	-	52	-	52	-	-	-
		2.5 - 2.6	18/07/2019	SE195628	Normal	5.7	-	0.4	-	2.4	-	4.0	-	5.7	-	5.1	5.1	5.1	<0.1	-	37	-	37	-	-	-
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	31	-	4.2	-	14	-	32	-	27	-	20	20	20	<0.1	-	180	-	190	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	27	-	0.7	-	6.4	-	19	-	21	-	15	15	15	<0.1	-	140	-	140	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	4.5	-	0.1	-	1.2	-	2.5	-	3.7	-	2.8	2.8	2.8	<0.1	-	23	-	23	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	0.1	-	<0.1	-	<0.1	-	<0.1	-	0.1	-	<0.2	<0.3	<0.2	<0.1	-	<0.8	-	<0.8	-	-	-
		0.7 - 0.8	15/07/2019	SE195454	Normal	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.2	<0.3	<0.2	<0.1	-	<0.8	-	<0.8	-	-	-
		2 - 2.1	15/07/2019	SE195454	Normal	0.9	-	<0.1	-	0.4	-	0.4	-	1.0	-	0.8	0.8	0.7	<0.1	-	5.4	-	5.4	-	-	-
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	1.3	-	<0.1	-	1.0	-	0.7	-	1.3	-	1.5	1.6	1.5	<0.1	-	9.1	-	9.1	-	-	-
		1	2/07/2019	SE195155	Normal	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.1	-	<0.2	<0.3	<0.2	<0.1	-	<0.8	-	<0.8	-	-	-
		2 - 2.1	18/07/2019	SE195628	Normal	0.3	-	<0.1	-	0.2	-	0.2	-	0.4	-	0.3	0.4	0.3	<0.1	-	2.0	-	2.0	-	-	-
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	1.2	-	<0.1	-	1.3	-	0.4	-	1.2	-	1.5	1.5	1.4	<0.1	-	8.5	-	8.5	-	-	-
		1	3/07/2019	SE195155	Normal	2.7	-	<0.1	-	2.1	-	1.2	-	2.7	-	2.6	2.6	2.5	<0.1	-	17	-	17	-	-	-
		2.3 - 2.5	30/07/2019	SE196128	Normal	0.8	-	<0.1	-	0.3	-	0.3	-	0.8	-	0.7	0.7	0.6	<0.1	-	4.6	-	4.6	-	-	-
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	0.3	-	<0.1	-	0.6	-	0.1	-	0.3	-	0.5	0.5	0.4	<0.1	-	2.9	-	2.9	-	-	-
		1.5	1/07/2019	SE195155	Normal	1.5	-	<0.1	-	1.0	-	0.9	-	1.5	-	1.5	1.5	1.4	<0.1	-	9.7	-	9.7	-	-	-
		2	1/07/2019	SE195155	Normal	6.4	-	0.7	-	2.9	-	4.0	-	6.1	-	5.0	5.0	5.0	<0.1	-	37	-	37	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	1.2	-	<0.1	-	1.0	-	0.5	-	1.1	-	1.1	1.2	1.1	<0.1	-	7.4	-	7.4	-	-	-
		1	1/07/2019	SE195155	Normal	0.2	-	<0.1	-	0.2	-	<0.1	-	0.2	-	0.2	<0.3	<0.2	<0.1	-	1.2	-	1.2	-	-	-
		2	2/07/2019	SE195155	Normal	21	-	4.3	-	12	-	19	-	20	-	19	19	19	0.3	-	140	-	150	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	8.6	-	0.7	-	5.7	-	7.8	-	8.4	-	8.2	8.2	8.2	<0.1	-	59	-	60	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	4.5	-	0.3	-	3.4	-	2.1	-	4.9	-	4.4	4.4	4.4	0.1	-	29	-	30	-	-	-
		2	10/07/2019	SE195454	Normal	8.0	-	0.4	-	2.0	-	4.2	-	7.0	-	4.9	4.9	4.9	<0.1	-	40	-	40	-	-	-

Statistics

Number of Results	199	174	199	174	199	174	199	174	199	174	199	199	199	268	174	199	174	199	174	175	174
Number of Detects	140	4	59	8	102	1	131	19	139	2	88	92	84	74	15	151	174	151	26	125	26
Minimum Concentration	0.1	1	0.1	1	0.1	<1	0.1	1	0.1	1	0.2	<0.3	<0.2	0.1	1	<0.05	0	<0.8	14	1.2	12
Minimum Detect	0.1	1	0.1	1	0.1	3	0.1	1	0.1	1	0.2	0.4	0.3	0.1	1	0.06	0	1.2	14	1.2	12
Maximum Concentration	88	7	14	16	20	3	90	27	78	6	47	47	47	52	61	480	150	439.7	151	402.7	145
Maximum Detect	88	7	14	16	20	3	90	27	78	6	47	47	47	52	61	480	150	439.7	151	402.7	145
Average Concentration *	2.9	0.55	0.31	0.62	0.93	0.51	2.1	0.84	2.8	0.53	2.2	2.3	2.1	0.86	1.3	17	1.9	17	9.5	12	8.4
Geometric Average *	0.46	0.52	0.096	0.53	0.19	0.51	0.32	0.59	0.46	0.51	0.65	0.67	0.62	0.15	0.59	1.5	0	4	8.1	3	7
Median Concentration *	0.4	0.5	0.05	0.5	0.1	0.5	0.2	0.5	0.4	0.5	0.25	0.25	0.25	0.075	0.5	2.7	0	3.05	7	2.3	6
Standard Deviation *	8.6	0.51	1.1	1.2	2.4	0.19	7.4	2.1	7.9	0.42	5.4	5.5	5.4	4.8	6	48	12	45	12	38	12
Geometric Standard Deviation *	6.9	1.3	3.2	1.4	5	1.1	6	1.7	6.8	1.2	3.9	3.8	3.8	3.8	2	16		4.8	1.5	4.4	1.5

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

						Metals																		
						Aluminium	Arsenic	Arsenic (filtered)	Barium	Cadmium	Cadmium (filtered)	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Copper	Copper (filtered)	Iron	Lead	Lead (filtered)	Manganese	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Phosphorus	Zinc
						mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg
EQL						1	1	50	1	0.3	10	0.3	10	1	0.5	10	1	1	20	1	0.05	0.1	0.5	5	10	1
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil							3,000			900		3,600		4,000	240,000			1,500		60,000	730		6,000			400,000
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																										
0-1m																										
1-2m																										
2-4m																										
>=4m																										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																										
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																										
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																										
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																										
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																					
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	7,900	<4	<50	29	<0.4	<10	10	<10	2	8	<10	-	22	30	77	<0.1	<0.5	3	<20	90	34
		1 - 1.1	22/03/2019	214100	Normal	5,600	4	<50	60	0.5	<10	12	<10	3	25	<10	-	160	200	89	0.2	<0.5	6	30	130	110
		1.5 - 1.6	22/03/2019	214100	Normal	3,300	<4	<50	48	<0.4	<10	11	<10	2	22	<10	-	87	300	58	<0.1	<0.5	5	20	110	79
		2.5 - 2.6	22/03/2019	214100	Normal	3,700	<4	<50	24	<0.4	<10	4	<10	<1	11	20	-	41	90	28	<0.1	<0.5	3	<20	160	59
		3.5 - 3.6	22/03/2019	214100	Normal	12,000	7	<50	95	<0.4	<10	25	<10	4	33	10	-	100	<30	140	0.1	<0.5	7	<20	310	100
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	8,500	8	<50	96	0.6	<10	28	<10	5	52	<10	-	150	300	140	0.2	<0.5	18	30	540	220
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	14,000	9	<50	110	2	<10	22	<10	2	29	<10	-	140	80	83	0.1	<0.5	5	<20	230	200
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	9,600	<4	<50	130	0.5	<10	13	<10	6	78	<10	-	410	1,400	190	0.5	<0.5	16	40	550	250
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	3,600	9	<50	46	2	40	56	<10	6	67	<10	-	450	3,900	330	<0.1	<0.5	37	400	260	160
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	5,500	10	<50	75	2	<10	44	<10	4	100	<10	-	140	1,400	120	0.4	<0.5	13	200	280	310
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	12,000	5	<50	140	6	30	25	10	3	320	<10	-	400	1,300	410	0.3	<0.5	170	60	1,100	850
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	3,600	4	<50	55	0.8	20	12	<10	1	81	90	-	82	500	110	0.1	<0.5	11	90	210	130
		12.5 - 12.6	22/03/2019	214100	Normal	8,100	9	<50	160	6.6	80	57	10	5	380	20	-	990	6,600	360	0.7	<0.5	210	900	1,100	7,200
		14.5 - 14.6	22/03/2019	214100	Normal	8,400	13	<50	250	2	70	28	10	6	240	20	-	400	4,300	280	0.4	<0.5	37	700	610	2,000
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	1,400	5	<50	24	<0.4	<10	6	<10	<1	12	<10	-	160	400	41	<0.1	<0.5	3	20	290	51
	GW8	0.05	20/11/2018	206224	Normal	4,000	<4	<50	54	<0.4	<10	7	10	<1	9	<10	-	26	<30	48	<0.1	<0.5	2	<20	180	31
			20/11/2018	206224	Normal	4,100	<4	-	51	<0.4	-	8	-	1	10	-	-	28	-	57	<0.1	-	3	-	190	31
		0.5	20/11/2018	206224	Normal	1,800	<4	<50	100	<0.4	<10	13	<10	3	5	60	-	19	70	120	0.2	<0.5	4	<20	90	19
		1.5	20/11/2018	206224	Normal	1,500	<4	<50	91	<0.4	<10	8	<10	9	15	10	-	16	<30	240	<0.1	<0.5	12	20	60	82
		2.5	20/11/2018	206224	Normal	6,100	4	<50	54	<0.4	<10	17	40	3	23	<10	-	29	40	150	<0.1	<0.5	6	20	140	32
		3.5	20/11/2018	206224	Normal	10,000	16	<50	110	0.6	<10	15	<10	5	81	<10	-	140	70	230	<0.1	<0.5	12	<20	450	460
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	8,000	18	80	100	0.7	<10	48	<10	6	79	<10	-	130	40	240	0.1	<0.5	13	20	450	670
		5.5	20/11/2018	206224	Normal	9,300	8	<50	78	1	<10	410	<10	6	79	<10	-	140	40	220	0.2	<0.5	14	<20	920	160
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	3,400	<4	<50	36	<0.4	<10	2	<10	1	8	<10	-	28	60	1,700	<0.1	<0.5	3	20	120	45
		7.5 - 7.6	4/12/2018	207349	Normal	6,900	17	<50	50	<0.4	<10	22	<10	3	22	<10	-	130	80	66	0.4	<0.5	7	<20	130	250
		8.4 - 8.5	11/01/2019	209484	Normal	5,400	8	<50	100	3	20	13	40	10	64	10	-	250	620	180	0.2	<0.5	18	50	320	340
			11/01/2019	209484	Normal	9,500	8	-	98	0.5	-	8	-	14	58	-	-	140	-	97	0.1	-	22	-	270	230
		9.4 - 9.5	11/01/2019	209484	Normal	9,900	24	<50	100	6.8	20	16	40	6	75	10	-	200	720	220	0.2	<0.5	14	50	590	360
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	5,700	14	60	130	4	20	8	30	2	130	50	-	220	70	280	0.2	<0.5	7	30	310	170
		13.4 - 13.5	11/01/2019	209484	Normal	17,000	10	<50	79	<0.4	<10	24	80	2	30	10	-	44	<30	74	0.1	<0.5	4	30	240	29
		15.4 - 15.5	11/01/2019	209484	Normal	5,500	30	<50	170	8.7	<10	560	40	17	730	<10	-	1,200	3,200	980	5.3	<0.5	75	300	770	2,500
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	5,000	26	-	160	9.1	-	320	-	8	560	-	-	1,000	-	890	4.3	-	58	-	710	2,400
		17.4 - 17.5	11/01/2019	209484	Normal	9,900	5	<50	5	<0.4	<10	18	60	<1	7	<10	-	18	<30	5	<0.1	<0.5	2	30	<10	6
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	3,700	10	<50	70	<0.4	<10	13	<10	5	46	20	-	42	100	110	0.1	<0.5	10	30	280	85

						Metals																		
						Aluminium	Arsenic	Arsenic (filtered)	Barium	Cadmium	Cadmium (filtered)	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Copper	Copper (filtered)	Iron	Lead	Lead (filtered)	Manganese	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Phosphorus	Zinc
						mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	1,600	<4	<50	14	<0.4	<10	14	<10	<1	18	<10	-	23	90	25	<0.1	<0.5	3	20	50	50
		2.5 - 2.6	17/12/2018	208433	Normal	620	<4	<50	4	<0.4	<10	6	<10	<1	<1	20	-	8	100	3	<0.1	<0.5	<1	<20	<10	6
		3.5 - 3.6	17/12/2018	208433	Normal	3,000	<4	<50	80	<0.4	<10	16	<10	2	16	20	-	110	200	260	0.1	<0.5	5	50	190	81
		4.5 - 4.6	17/12/2018	208433	Normal	10,000	8	<50	91	2	30	32	<10	7	270	50	-	350	1,100	420	0.1	<0.5	24	100	810	380
		5.5 - 5.6	17/12/2018	208433	Normal	5,100	5	<50	130	2	30	22	<10	4	97	60	-	310	1,100	410	<0.1	<0.5	16	200	670	390
		6 - 6.6	17/12/2018	208433	Normal	5,500	4	<50	240	1	<10	14	<10	3	51	10	-	540	40	230	0.2	<0.5	9	40	2,200	210
		7.5 - 7.6	17/12/2018	208433	Normal	8,200	66	<50	280	4.6	<10	43	<10	4	250	10	-	370	100	170	1.1	<0.5	26	70	1,500	450
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	3,800	63	<50	350	2	<10	77	<10	14	350	<10	-	450	60	340	1.3	<0.5	48	60	4,300	540
		9.5 - 9.6	17/12/2018	208433	Normal	5,400	21	<50	130	2	<10	570	30	4	160	<10	-	1,200	<30	180	1	<0.5	18	60	880	2,600
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	2,500	31	-	160	1	-	480	-	5	230	-	-	870	-	260	1.1	-	20	-	940	1,100
		10.5 - 10.6	17/12/2018	208433	Normal	5,200	36	<50	93	6.2	<10	110	<10	9	270	<10	-	1,100	<30	480	3.5	<0.5	36	100	1,400	3,100
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	1,600	5	<50	8	<0.4	<10	3	<10	<1	6	<10	-	5	<30	23	<0.1	<0.5	1	<20	100	24
		13.5 - 13.6	17/12/2018	208433	Normal	4,300	5	<50	8	<0.4	<10	14	<10	<1	1	<10	-	5	<30	4	<0.1	<0.5	<1	<20	20	4
		15.5 - 15.6	17/12/2018	208433	Normal	7,300	6	<50	2	<0.4	<10	16	<10	<1	9	<10	-	9	<30	2	<0.1	<0.5	<1	<20	<10	2
		17.5 - 17.6	17/12/2018	208433	Normal	7,200	<4	<50	8	<0.4	<10	7	<10	<1	74	70	-	4	<30	2	<0.1	<0.5	<1	<20	<10	4
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	-	7	<50	-	3	200	20	<10	-	6,300	200	-	660	7,300	-	0.7	<0.5	15	500	-	780
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	4,800	13	<50	63	<0.4	<10	11	<10	4	55	20	-	180	200	210	0.3	<0.5	9	40	280	130
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	4,900	18	-	67	<0.4	-	15	-	4	50	-	-	120	-	160	0.3	-	10	-	460	140
		1.5	6/12/2018	207583	Normal	2,300	5	<50	64	<0.4	<10	9	<10	3	28	40	-	41	550	120	<0.1	<0.5	6	50	90	42
		2.5	6/12/2018	207583	Normal	4,500	<4	<50	26	<0.4	<10	21	<10	2	14	<10	-	38	<30	110	<0.1	<0.5	13	<20	100	59
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	3,300	<4	<50	30	<0.4	<10	14	<10	1	11	<10	-	62	200	52	<0.1	<0.5	4	30	260	110
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	-	6	<50	-	<0.4	<10	24	<10	-	50	20	-	110	80	-	0.1	<0.5	20	<20	-	150
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	-	8	<50	-	<0.4	<10	16	<10	-	25	<10	-	72	200	-	<0.1	<0.5	5	30	-	64
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	-	53	70	-	1	<10	44	<10	-	240	<10	-	250	200	-	0.6	<0.5	40	200	-	600
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	8,200	<4	<50	73	<0.4	<10	14	<10	3	37	20	-	42	<30	370	<0.1	<0.5	6	<20	390	56
		0.5	9/11/2018	205272	Normal	7,400	<4	<50	50	0.6	<10	9	<10	3	34	20	-	46	<30	180	<0.1	<0.5	6	<20	310	37
		1	9/11/2018	205272	Normal	5,400	<4	<50	83	0.6	<10	16	10	4	370	60	-	87	200	190	0.2	<0.5	10	50	200	200
		1.5	9/11/2018	205272	Normal	4,900	7	<50	65	0.9	<10	16	<10	2	92	<10	-	140	300	310	0.3	<0.5	12	60	210	370
		2.5	9/11/2018	205272	Normal	6,000	7	<50	48	0.8	<10	13	<10	2	67	<10	-	100	80	110	0.3	<0.5	9	<20	210	230
		3.5	9/11/2018	205272	Normal	6,300	6	<50	27	<0.4	<10	11	<10	1	23	<10	-	44	50	46	<0.1	<0.5	4	<20	110	76
		4.5	9/11/2018	205272	Normal	5,900	6	<50	25	<0.4	<10	11	<10	1	23	<10	-	40	100	36	<0.1	<0.5	4	<20	110	63
		5.5	9/11/2018	205272	Normal	8,300	6	<50	19	<0.4	<10	15	<10	<1	17	<10	-	35	100	31	0.2	<0.5	3	<20	70	47
		6.5	9/11/2018	205272	Normal	6,700	6	<50	25	<0.4	<10	10	<10	1	19	<10	-	32	90	47	<0.1	<0.5	4	<20	620	58
		7.5	9/11/2018	205272	Normal	6,100	7	<50	18	<0.4	<10	10	<10	2	16	<10	-	30	70	32	<0.1	<0.5	4	<20	90	43
		8.5	9/11/2018	205272	Normal	10,000	<4	<50	6	<0.4	<10	18	<10	<1	<1	<10	-	6	<30	14	<0.1	<0.5	<1	<20	<10	<1
		9.5	9/11/2018	205272	Normal	9,700	5	<50	6	<0.4	<10	24	<10	<1	<1	<10	-	9	<30	11	<0.1	<0.5	<1	<20	<10	<1
	SG-BH-102	0.5	20/11/2018	206225	Normal	2,200	<4	<50	14	<0.4	<10	8	<10	2	8	<10	-	11	<30	48	<0.1	<0.5	3	20	120	20
		1.5	20/11/2018	206225	Normal	3,100	<4	<50	62	<0.4	<10	9	<10	4	15	<10	-	16	<30	160	<0.1	<0.5	8	30	130	32
		2.5	20/11/2018	206225	Normal	8,000	12	<50	130	1	<10	82	50	8	190	<10	-	390	730	330	0.3	<0.5	63	200	440	11,000
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	9,200	13	<50	110	0.5	<10	30	<10	6	80	<10	-	170	80	220	0.2	<0.5	17	70	510	840
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	7,100	<4	<50	46	<0.4	<10	13	<10	8	150	300	-	36	<30	240	<0.1	<0.5	13	<20	760	150
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Metals																				
						Aluminium	Arsenic	Arsenic (filtered)	Barium	Cadmium	Cadmium (filtered)	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Copper	Copper (filtered)	Iron	Lead	Lead (filtered)	Manganese	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Phosphorus	Zinc
						mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	15,000	<4	<50	200	<0.4	<10	55	<10	13	33	20	-	13	<30	310	<0.1	<0.5	49	50	910	45
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	1,900	<4	<50	14	<0.4	<10	6	<10	2	5	10	-	12	200	64	<0.1	<0.5	2	<20	80	20
		2.5 - 2.6	29/11/2018	207002	Normal	4,200	7	<50	7	<0.4	<10	16	<10	<1	7	20	-	27	90	5	<0.1	<0.5	<1	<20	10	1
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	7,200	11	<50	68	0.9	<10	15	<10	3	48	10	-	120	60	100	0.1	<0.5	8	70	520	190
		5.4 - 5.5	29/11/2018	207002	Normal	3,200	<4	<50	36	<0.4	<10	9	<10	3	14	10	-	87	380	86	<0.1	<0.5	8	20	210	84
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	4,000	13	<50	17	3	<10	85	<10	7	380	<10	-	480	<30	370	0.9	<0.5	53	200	1,100	1,200
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	5,500	18	<50	22	4	<10	120	<10	7	950	<10	-	540	<30	320	0.9	<0.5	60	200	1,100	990
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	5,200	<4	<50	59	<0.4	<10	9	<10	2	42	<10	-	34	40	280	<0.1	<0.5	7	60	510	44
		9.5 - 9.6	29/11/2018	207002	Normal	2,600	6	<50	74	84	<10	35	<10	5	140	<10	-	290	<30	510	0.6	<0.5	34	300	1,000	480
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	2,600	6	-	95	120	-	33	-	5	150	-	-	260	-	540	0.7	-	45	-	840	620
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	2,100	5	<50	130	14	70	130	<10	48	470	80	-	3,300	43,000	230	0.2	<0.5	46	400	160	9,400
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	2,100	40	<50	54	15	<10	120	<10	13	3,500	<10	-	2,500	2,400	430	2.4	<0.5	60	500	1,100	3,700
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	3,300	9	<50	45	<0.4	<10	12	<10	2	230	<10	-	120	<30	82	0.1	<0.5	9	40	260	290
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	1,300	<4	<50	65	<0.4	<10	9	<10	5	10	10	-	15	100	240	<0.1	<0.5	10	40	140	30
			15/01/2019	209952	Normal	2,300	<4	-	88	<0.4	-	9	-	6	23	-	-	21	-	220	<0.1	-	11	-	260	36
		1	15/01/2019	209952	Normal	3,300	<4	<50	62	<0.4	<10	6	<10	3	30	30	-	17	<30	28	<0.1	<0.5	5	<20	100	33
		1.5	15/01/2019	209952	Normal	2,800	5	<50	91	<0.4	<10	10	<10	4	58	30	-	17	<30	96	<0.1	<0.5	5	30	100	170
		2.5	15/01/2019	209952	Normal	7,500	6	<50	79	0.4	<10	16	<10	2	24	20	-	75	300	22	0.1	<0.5	5	20	150	130
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	3,200	<4	<50	76	<0.4	<10	8	<10	2	17	10	-	91	200	210	<0.1	<0.5	4	20	170	60
		4.5	15/01/2019	209952	Normal	12,000	13	<50	200	4.3	50	44	<10	5	250	100	-	660	2,700	530	0.3	<0.5	29	100	1,400	870
		5.5	15/01/2019	209952	Normal	9,300	11	<50	63	3	<10	250	<10	10	3,000	<10	-	390	<30	510	0.1	<0.5	150	20	500	430
		6.5	15/01/2019	209952	Normal	10,000	4	<50	280	0.4	<10	2	<10	2	8	<10	-	20	<30	130	<0.1	<0.5	3	<20	190	37
		7.5	15/01/2019	209952	Normal	4,800	15	<50	290	51	2,300	23	<10	4	330	<10	-	410	40	210	2.6	<0.5	15	40	630	680
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	5,500	<4	<50	71	<0.4	<10	6	<10	3	13	<10	-	10	<30	320	0.1	<0.5	6	40	310	26
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	3,800	16	<50	230	4	<10	56	<10	7	420	30	-	460	200	220	4.1	<0.5	29	200	2,000	900
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	4,100	19	-	280	<0.4	-	66	-	6	1,100	-	-	2,200	-	250	<0.1	-	28	-	3,300	1,000
		10.5	16/01/2019	209952	Normal	4,800	80	<50	210	1	<10	23	<10	4	41	<10	-	150	<30	370	2.1	<0.5	18	200	940	310
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	4,200	31	<50	200	2	<10	75	<10	12	990	<10	-	450	60	470	2.5	<0.5	46	100	2,300	790
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	6,600	8	<50	15	<0.4	<10	12	<10	<1	2	<10	-	4	<30	9	<0.1	<0.5	2	<20	20	7
		14.5	16/01/2019	209952	Normal	11,000	<4	<50	10	<0.4	<10	14	<10	<1	<1	<10	-	8	<30	9	<0.1	<0.5	1	<20	10	5
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	3,700	<4	<50	18	<0.4	<10	4	<10	4	23	30	-	16	100	85	<0.1	<0.5	7	30	180	29
		2.5 - 2.6	18/12/2018	208548	Normal	2,400	9	<50	85	<0.4	<10	7	<10	27	34	20	-	20	<30	1,200	<0.1	<0.5	37	80	450	180
		4.2 - 4.3	18/12/2018	208548	Normal	3,700	46	60	41	0.8	<10	8	<10	3	77	<10	-	820	200	220	<0.1	<0.5	8	40	220	150
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	3,200	46.53	<50	48	0.5	<10	7.878	<10	4.228	74.69	<10	-	932.8	<30	249.4	<0.1	<0.5	9.462	200	217.7	146.6
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	8,500	10	<50	88	<0.4	10	15	<10	4	59	30	-	240	50	130	0.5	<0.5	8	<20	430	130
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	3,800	<4	<50	58	<0.4	<10	5	<10	1	6	<10	-	35	200	110	<0.1	<0.5	3	<20	110	45
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Metals																		
						Aluminium	Arsenic	Arsenic (filtered)	Barium	Cadmium	Cadmium (filtered)	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Copper	Copper (filtered)	Iron	Lead	Lead (filtered)	Manganese	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Phosphorus	Zinc
						mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	6,000	<4	60	74	0.7	<10	12	<10	2	33	10	-	210	300	77	0.2	<0.5	4	<20	350	260
		4.4 - 4.5	9/01/2019	209271	Normal	5,300	<4	<50	38	<0.4	<10	6	<10	<1	19	30	-	120	300	31	0.1	<0.5	2	<20	370	120
		5.4 - 5.5	9/01/2019	209271	Normal	4,600	<4	<50	35	<0.4	<10	5	<10	3	35	20	-	63	1,100	170	0.1	<0.5	4	30	500	49
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	4,500	5	<50	71	0.8	10	10	<10	3	27	10	-	220	890	110	0.2	<0.5	7	40	300	190
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	4,200	<4	-	41	<0.4	-	10	-	3	27	-	-	150	-	110	0.2	-	6	-	380	120
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	2,300	9	<50	140	2	50	48	30	4	90	90	-	450	4,000	180	1.2	<0.5	22	300	170	930
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	4,900	8	<50	88	4	30	27	10	3	110	<10	-	370	2,600	240	0.5	<0.5	22	300	400	370
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	33,000	8	<50	150	7.6	200	41	<10	5	440	20	-	740	1,800	500	0.4	<0.5	57	200	1,300	990
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	4,900	6	<50	94	0.5	<10	18	<10	6	53	20	-	43	<30	260	0.6	<0.5	56	500	690	220
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	7,600	18	<50	340	4.2	20	32	<10	6	84	20	-	130	70	260	0.6	<0.5	21	30	1,100	420
		14.5 - 14.5	10/01/2019	209351	Normal	4,900	7	<50	75	0.9	<10	23	<10	7	380	<10	-	89	60	220	3.8	<0.5	160	1,500	770	260
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	7,500	18	60	50	1	<10	43	<10	3	110	10	-	280	4,100	87	0.9	<0.5	15	600	1,300	470
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	3,300	<4	<50	5	<0.4	<10	7	<10	<1	2	<10	-	4	<30	3	<0.1	<0.5	1	<20	60	5
		17.4 - 17.5	10/01/2019	209351	Normal	2,000	7	<50	2	<0.4	<10	4	<10	<1	<1	<10	-	2	<30	16	<0.1	<0.5	1	<20	30	2
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	5,700	<4	<50	16	<0.4	<10	5	10	6	59	30	-	6	<30	180	<0.1	<0.5	15	<20	690	20
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	4,300	<4	<50	29	<0.4	<10	12	<10	2	5	<10	-	10	<30	89	<0.1	<0.5	3	40	40	15
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	21,000	11	<50	31	0.4	<10	29	<10	<1	19	<10	-	47	<30	28	0.2	<0.5	3	<20	140	110
		1.4 - 1.5	14/01/2019	209478	Normal	2,100	<4	<50	40	<0.4	<10	11	<10	5	5	<10	-	10	<30	100	<0.1	<0.5	5	20	40	30
		2.4 - 2.5	14/01/2019	209478	Normal	2,900	<4	<50	82	<0.4	<10	12	<10	7	17	10	-	22	200	280	<0.1	<0.5	11	30	140	46
		4.4 - 4.5	14/01/2019	209478	Normal	10,000	9	<50	84	0.5	<10	27	<10	3	28	<10	-	93	100	120	0.2	<0.5	7	40	380	6,300
		5.4 - 5.5	14/01/2019	209478	Normal	10,000	6	<50	230	0.4	<10	27	<10	4	54	<10	-	100	70	260	0.1	<0.5	9	30	440	1,500
		7.5	22/01/2019	210301	Normal	9,900	<4	<50	50	<0.4	<10	40	<10	5	32	<10	-	23	50	1,200	<0.1	<0.5	15	40	90	140
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	8,100	28	70	95	4.3	30	53	<10	7	460	30	-	730	2,500	370	0.7	<0.5	45	100	1,600	2,000
			23/01/2019	210301	Normal	9,500	32	-	110	4.3	-	64	-	6	580	-	-	810	-	290	0.8	-	46	-	1,500	1,600
		11.5	23/01/2019	210301	Normal	4,300	<4	<50	44	<0.4	<10	7	<10	2	15	<10	-	20	610	200	<0.1	<0.5	6	40	210	17
		13.5	23/01/2019	210301	Normal	2,800	32	70	200	2	<10	83	<10	20	350	<10	-	1,200	1,200	610	1.2	<0.5	62	400	1,300	720
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	2,600	8	<50	32	<0.4	<10	7	<10	3	12	<10	-	23	<30	35	<0.1	<0.5	4	<20	120	33
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	2,200	<4	<50	43	<0.4	<10	8	<10	3	6	10	-	17	50	120	<0.1	<0.5	4	30	80	24
		1	27/03/2019	214487	Normal	3,400	5	<50	80	<0.4	<10	9	<10	2	83	400	-	100	650	83	<0.1	<0.5	9	70	130	140
		1.5	28/03/2019	214612	Normal	9,400	<4	<50	27	<0.4	<10	14	<10	2	13	<10	-	24	80	63	<0.1	<0.5	4	<20	160	26
		2.5	28/03/2019	214612	Normal	9,400	<4	<50	32	<0.4	40	14	<10	2	17	200	-	41	440	140	<0.1	<0.5	5	90	230	41
		3.5	28/03/2019	214612	Normal	13,000	7	<50	73	7.6	100	21	<10	3	180	40	-	400	1,400	360	0.2	<0.5	12	70	420	500
		4.5	28/03/2019	214612	Normal	6,400	10	<50	110	1	<10	12	<10	1	36	30	-	130	100	75	0.1	<0.5	5	20	250	110
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	6,100	14	<50	90	3	70	60	<10	6	630	400	-	370	1,900	590	0.7	<0.5	44	300	540	390
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	9,800	16	<50	310	5.8	60	63	<10	6	1,300	200	-	2,700	11,000	430	0.3	<0.5	44	300	530	2,300
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	3,400	<4	<50	28	<0.4	<10	16	<10	<1	73	20	-	30	300	57	<0.1	<0.5	4	<20	40	110
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	4,800	24	50	290	8.2	200	80	<10	9	990	40	-	1,500	12,000	400	3	<0.5	79	500	2,300	900
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	5,200	11	<50	90	2	<10	660	20	8	420	<10	-	430	1,500	390	3.1	<0.5	65	400	770	1,200
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Metals																			
						Aluminium	Arsenic	Arsenic (filtered)	Barium	Cadmium	Cadmium (filtered)	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Copper	Copper (filtered)	Iron	Lead	Lead (filtered)	Manganese	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Phosphorus	Zinc
						mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg
		11.5	28/03/2019	214612	Normal	2,300	5	<50	22	<0.4	<10	6	<10	<1	9	<10	-	55	40	7	<0.1	<0.5	1	<20	120	87
		12.5	28/03/2019	214612	Normal	3,200	4	<50	3	<0.4	<10	6	10	<1	1	<10	-	2	<30	11	<0.1	<0.5	2	<20	70	3
		14.5	28/03/2019	214612	Normal	8,400	10	<50	42	<0.4	<10	24	<10	2	7	<10	-	8	<30	3	<0.1	<0.5	4	<20	30	31
		16.5	28/03/2019	214612	Normal	6,400	7	<50	14	<0.4	<10	8	<10	2	1	<10	-	31	<30	39	<0.1	<0.5	3	<20	30	7
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	3,500	6	<50	55	<0.4	<10	11	<10	3	27	<10	-	54	<30	190	0.1	<0.5	10	<20	210	98
		1.5 - 1.6	5/03/2019	212776	Normal	6,000	5	<50	24	<0.4	<10	15	<10	3	20	20	-	30	60	100	<0.1	<0.5	8	30	190	150
			5/03/2019	212776	Normal	4,300	6	-	28	0.8	-	18	-	2	18	-	-	25	-	120	<0.1	-	8	-	120	470
		2.5 - 2.6	5/03/2019	212776	Normal	2,200	<4	<50	98	15	200	410	500	<1	22	60	-	55	200	48	0.1	<0.5	5	40	220	450
		3.5 - 3.6	5/03/2019	212776	Normal	2,600	20	<50	170	4	<10	17	<10	8	140	100	-	120	100	170	0.6	<0.5	59	700	430	220
		4.5 - 4.6	5/03/2019	212776	Normal	5,900	21	<50	73	3	<10	270	<10	11	220	<10	-	1,300	<30	1,400	1.6	<0.5	40	100	1,400	1,000
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	1,500	5	<50	15	<0.4	<10	9	<10	<1	9	<10	-	99	<30	24	<0.1	<0.5	3	<20	90	37
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	4,700	4	<50	19	<0.4	<10	14	<10	2	3	<10	-	4	<30	5	<0.1	<0.5	6	<20	10	20
		9.5 - 9.6	5/03/2019	212776	Normal	4,700	10	<50	15	<0.4	<10	6	<10	10	2	<10	-	9	<30	3	<0.1	<0.5	8	90	10	2
		11.5 - 11.6	5/03/2019	212776	Normal	3,000	6	<50	59	<0.4	<10	7	<10	<1	22	<10	-	16	<30	7	<0.1	<0.5	2	<20	10	17
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	3,100	<4	<50	67	0.5	<10	9	<10	3	11	<10	-	31	90	120	<0.1	<0.5	5	30	120	45
		1 - 1.1	10/12/2018	207802	Normal	7,100	15	<50	85	19	60	16	<10	4	67	10	-	460	200	190	0.1	<0.5	9	30	390	140
		1.4 - 1.4	10/12/2018	207802	Normal	7,600	9	<50	72	12	30	15	<10	4	48	10	-	370	100	180	0.2	<0.5	9	30	210	120
		2.5 - 2.6	10/12/2018	207802	Normal	7,800	7	<50	120	0.6	10	17	<10	4	70	30	-	140	750	130	0.2	<0.5	34	300	340	140
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	7,600	<4	<50	54	<0.4	<10	13	<10	4	15	<10	-	50	<30	130	<0.1	<0.5	14	<20	310	56
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	8,200	8	<50	99	0.6	<10	39	<10	2	47	60	-	230	300	97	0.4	<0.5	10	30	310	170
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	4,600	8	<50	60	5.7	10	250	<10	41	150	<10	-	110	360	290	0.3	<0.5	53	60	300	1,900
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	6,400	<4	<50	55	<0.4	<10	13	<10	4	25	<10	-	68	100	100	<0.1	<0.5	8	30	350	86
		11 - 11.5	12/12/2018	208342	Normal	5,300	11	<50	120	4	<10	62	<10	6	220	<10	-	430	60	360	1.9	<0.5	68	400	2,000	570
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	5,600	13	-	140	3	-	57	-	6	180	-	-	380	-	380	1.9	-	61	-	1,400	440
		12.4 - 12.5	12/12/2018	208342	Normal	4,000	7	<50	95	4	<10	60	<10	6	170	<10	-	110	380	240	0.6	<0.5	33	200	550	2,600
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	7,500	12	<50	10	<0.4	<10	14	<10	1	5	<10	-	14	<30	38	<0.1	<0.5	5	<20	200	17
	SG-EH-102	0.5	4/03/2019	212671	Normal	4,900	4	<50	48	0.8	10	12	<10	2	160	200	-	120	370	62	0.2	<0.5	7	30	170	190
		1.5	4/03/2019	212671	Normal	2,200	6	<50	89	<0.4	<10	7	<10	13	32	40	-	20	80	1,400	<0.1	<0.5	20	60	410	85
		2.5	4/03/2019	212671	Normal	2,700	5	<50	86	<0.4	<10	9	<10	15	41	10	-	26	<30	300	<0.1	<0.5	23	30	530	150
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	1,300	<4	<50	36	<0.4	<10	9	<10	5	7	10	-	16	40	230	<0.1	<0.5	6	30	60	27
			26/11/2018	206919	Normal	1,000	<4	-	37	<0.4	-	11	-	4	4	-	-	11	-	210	<0.1	-	5	-	30	27
		1.5 - 1.6	26/11/2018	206919	Normal	2,400	<4	<50	72	<0.4	10	13	20	5	15	10	-	35	100	150	<0.1	<0.5	6	40	90	42
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	6,000	18	<50	180	1	<10	35	<10	2	82	<10	-	74	<30	79	<0.1	<0.5	6	90	270	52
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	1,300	<4	<50	7	<0.4	<10	7	<10	<1	1	30	-	16	200	4	<0.1	<0.5	<1	<20	50	16
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	1,600	<4	<50	43	0.5	<10	9	<10	3	15	<10	8,000	25	<30	120	<0.1	<0.5	5	50	130	36
			26/11/2018	206917	Normal	1,700	<4	-	55	<0.4	-	11	-	3	17	-	12,000	28	-	120	<0.1	-	5	-	140	39
		1.5 - 1.6	26/11/2018	206917	Normal	3,000	7	<50	65	<0.4	<10	4	<10	3	33	<10	22,000	13	<30	29	<0.1	<0.5	5	<20	370	26
		2.5 - 2.6	26/11/2018	206917	Normal	5,400	8	<50	88	<0.4	<10	12	<10	2	30	10	25,000	140	300	110	0.5	<0.5	5	20	320	130
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	4,100	8	<50	36	3	20	44	<10	3	150	<10	7,200	130	300	87	0.4	<0.5	13	100	250	470

						Metals																			
						Aluminium	Arsenic	Arsenic (filtered)	Barium	Cadmium	Cadmium (filtered)	Chromium (III+VI)	Chromium (III+VI) (filtered)	Cobalt	Copper	Copper (filtered)	Iron	Lead	Lead (filtered)	Manganese	Mercury	Mercury (filtered)	Nickel	Nickel (filtered)	Phosphorus	Zinc
						mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	-	4	-	-	<0.3	-	4.6	-	-	22	-	-	61	-	-	0.13	-	36	-	320	56
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	-	9	-	-	<0.3	-	13	-	-	26	-	-	150	-	-	0.17	-	11	-	240	280
		2.5 - 2.6	18/07/2019	SE195628	Normal	-	17	-	-	13	-	80	-	-	500	-	-	750	-	-	1.2	-	390	-	2,800	12,000
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	390	-	-	-	-	2,600	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	-	13	-	-	0.4	-	7.6	-	-	37	-	-	93	-	-	0.12	-	5.9	-	300	120
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	-	6	-	-	1.8	-	21	-	-	400	-	-	430	-	-	5.6	-	24	-	660	680
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	-	24	-	-	3.2	-	40	-	-	400	-	-	640	-	-	1.1	-	29	-	660	1,300
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	2,100	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	-	2	-	-	<0.3	-	8.0	-	-	17	-	-	64	-	-	0.09	-	1.9	-	180	41
		0.7 - 0.8	15/07/2019	SE195454	Normal	-	3	-	-	<0.3	-	8.9	-	-	12	-	-	7	-	-	<0.05	-	2.3	-	390	11
		2 - 2.1	15/07/2019	SE195454	Normal	-	4	-	-	0.4	-	10	-	-	58	-	-	78	-	-	<0.05	-	17	-	910	170
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	4	-	-	<0.3	-	6.9	-	-	35	-	-	14	-	-	<0.05	-	13	-	410	36
		1	2/07/2019	SE195155	Normal	-	5	-	-	0.4	-	5.0	-	-	9.6	-	-	29	-	-	<0.05	-	1.1	-	300	52
		2 - 2.1	18/07/2019	SE195628	Normal	-	4	-	-	<0.3	-	8.4	-	-	22	-	-	47	-	-	0.12	-	4.6	-	450	43
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	-	10	-	-	0.3	-	12	-	-	40	-	-	73	-	-	0.07	-	11	-	210	110
		1	3/07/2019	SE195155	Normal	-	3	-	-	<0.3	-	8.5	-	-	13	-	-	20	-	-	<0.05	-	6.8	-	240	51
		2.3 - 2.5	30/07/2019	SE196128	Normal	-	3	-	-	<0.3	-	9.2	-	-	18	-	-	14	-	-	<0.05	-	7.6	-	100	50
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	-	1	-	-	<0.3	-	4.2	-	-	52	-	-	4	-	-	<0.05	-	21	-	680	29
		1.5	1/07/2019	SE195155	Normal	-	1	-	-	<0.3	-	5.8	-	-	9.4	-	-	5	-	-	<0.05	-	3.1	-	97	15
		2	1/07/2019	SE195155	Normal	-	11	-	-	0.7	-	15	-	-	84	-	-	210	-	-	0.22	-	9.7	-	340	340
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	260	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	-	3	-	-	<0.3	-	4.6	-	-	39	-	-	10	-	-	<0.05	-	8.3	-	250	24
		1	1/07/2019	SE195155	Normal	-	4	-	-	<0.3	-	12	-	-	13	-	-	25	-	-	<0.05	-	4.7	-	250	30
		2	2/07/2019	SE195155	Normal	-	5	-	-	<0.3	-	8.7	-	-	27	-	-	26	-	-	<0.05	-	6.7	-	190	33
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	4	-	-	<0.3	-	4.6	-	-	31	-	-	28	-	-	0.06	-	6.0	-	440	46
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	-	18	-	-	1.9	-	12	-	-	67	-	-	120	-	-	0.07	-	13	-	510	200
		2	10/07/2019	SE195454	Normal	-	7	-	-	0.8	-	4.7	-	-	65	-	-	94	-	-	0.09	-	7.2	-	220	190

Statistics

Number of Results	184	212	174	184	212	174	212	174	184	212	174	5	212	177	184	212	175	212	175	208	212
Number of Detects	184	153	9	184	100	34	212	21	157	207	78	5	212	120	184	110	0	204	119	202	210
Minimum Concentration	620	1	50	2	0.3	10	2	10	1	1	10	7,200	2	30	2	<0.05	<0.1	1	20	10	1
Minimum Detect	620	1	50	2	0.3	10	2	10	1	1	10	7,200	2	30	2	0.06	ND	1	20	10	1
Maximum Concentration	33,000	80	80	350	120	2,300	660	500	48	6,300	400	25,000	3,300	43,000	1,700	5.6	<0.5	390	2,600	4,300	12,000
Maximum Detect	33,000	80	80	350	120	2,300	660	500	48	6,300	400	25,000	3,300	43,000	1,700	5.6	ND	390	2,600	4,300	12,000
Average Concentration *	5,721	9.4	27	81	2.7	28	41	10	4.6	173	25	14,840	236	829	214	0.41	0.25	20	113	461	547
Geometric Average *	4,777	5.9	26	55	0.58	7.5	18	6.1	2.9	40	11	13,062	75	105	112	0.13	0.25	9.1	39	239	117
Median Concentration *	4,900	6	25	65	0.2	5	14	5	3	34.5	5	12,000	80	80	140	0.09	0.25	8	30	265	120
Standard Deviation *	3,768	11	9	70	11	176	92	39	5.7	558	57	8,181	440	3,556	254	0.87	0.015	38	263	580	1,503
Geometric Standard Deviation *	1.8	2.5	1.2	2.7	4.2	2.7	2.9	1.9	2.7	5.4	2.9	1.8	4.8	6.3	3.9	3.8	1.1	3.4	3.7	3.7	6

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

							PCBs																
						Zinc (filtered)	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Aroclor 1262	PCBs (Sum of total)	2,4-DDT	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (technical)
						µg/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	mg/kg	mg/kg	mg/kg	mg/kg
EQL						20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1		0.1		0.1	0.1
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																7					45		530		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
0-1m																									
1-2m																									
2-4m																									
>=4m																									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																									
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																									
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																									
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	90	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1 - 1.1	22/03/2019	214100	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	-	-	0.2	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1.5 - 1.6	22/03/2019	214100	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5 - 2.6	22/03/2019	214100	Normal	700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		3.5 - 3.6	22/03/2019	214100	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	2,000	<0.1	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	-	-	0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	500	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	-	-	0.3	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	2,400	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	-	-	0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	2,700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	2,200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	2,700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	2,300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		12.5 - 12.6	22/03/2019	214100	Normal	30,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		14.5 - 14.6	22/03/2019	214100	Normal	18,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	100	<0.1	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	-	-	0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	GW8	0.05	20/11/2018	206224	Normal	30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1.5	20/11/2018	206224	Normal	60	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5	20/11/2018	206224	Normal	100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		3.5	20/11/2018	206224	Normal	700	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		5.5	20/11/2018	206224	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	80	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		7.5 - 7.6	4/12/2018	207349	Normal	400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		8.4 - 8.5	11/01/2019	209484	Normal	2,400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	3,800	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	-	-	0.2	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		13.4 - 13.5	11/01/2019	209484	Normal	20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		15.4 - 15.5	11/01/2019	209484	Normal	13,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	0.3	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-

							PCBs																		
						Zinc (filtered)	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Aroclor 1262	PCBs (Sum of total)	2,4-DDT	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (technical)
						µg/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	mg/kg	mg/kg	mg/kg	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5 - 2.6	17/12/2018	208433	Normal	100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		3.5 - 3.6	17/12/2018	208433	Normal	1,200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		4.5 - 4.6	17/12/2018	208433	Normal	4,900	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		5.5 - 5.6	17/12/2018	208433	Normal	5,400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		6 - 6.6	17/12/2018	208433	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		7.5 - 7.6	17/12/2018	208433	Normal	2,700	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	1,000	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	-	-	0.3	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		9.5 - 9.6	17/12/2018	208433	Normal	700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		13.5 - 13.6	17/12/2018	208433	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		15.5 - 15.6	17/12/2018	208433	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		17.5 - 17.6	17/12/2018	208433	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	48,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	1,300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	800	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5	6/12/2018	207583	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	1,600	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	900	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	2,600	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	-	-	<0.3	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		0.5	9/11/2018	205272	Normal	50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1	9/11/2018	205272	Normal	2,400	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	-	-	0.2	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1.5	9/11/2018	205272	Normal	5,600	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5	9/11/2018	205272	Normal	500	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	-	-	0.6	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		3.5	9/11/2018	205272	Normal	400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		4.5	9/11/2018	205272	Normal	400	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		5.5	9/11/2018	205272	Normal	600	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		6.5	9/11/2018	205272	Normal	500	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		7.5	9/11/2018	205272	Normal	400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		8.5	9/11/2018	205272	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		9.5	9/11/2018	205272	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	SG-BH-102	0.5	20/11/2018	206225	Normal	100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1.5	20/11/2018	206225	Normal	50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5	20/11/2018	206225	Normal	84,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	6,600	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	300	<1	<1	<1	<1	<1	<1	<1	-	-	<1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							PCBs																		
						Zinc (filtered)	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Aroclor 1262	PCBs (Sum of total)	2,4-DDT	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (technical)
						µg/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	mg/kg	mg/kg	mg/kg	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	60	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5 - 2.6	29/11/2018	207002	Normal	30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	1,500	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	0.2	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		5.4 - 5.5	29/11/2018	207002	Normal	1,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	1,600	<1	<1	<1	<1	<1	<1	<1	-	-	<1	-	<1	<1	<1	<2	<1	<2	<1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	2,600	<1	<1	<1	<1	<1	<1	<1	-	-	<1	-	<1	<1	<1	<2	<1	<2	<1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		9.5 - 9.6	29/11/2018	207002	Normal	700	<1	<1	<1	<1	<1	<1	<1	-	-	<1	-	<1	<1	<1	<2	<1	<2	<1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	160,000	<0.1	<0.1	<0.1	<0.1	<0.1	11	<0.1	-	-	11	-	0.2	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	<0.1	<0.1	<0.1	<0.1	<0.1	15	<0.1	-	-	15	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	17,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	1,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1.5	15/01/2019	209952	Normal	500	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5	15/01/2019	209952	Normal	1,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	900	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		4.5	15/01/2019	209952	Normal	11,000	<0.1	<0.1	<0.1	0.4	<0.1	<0.1	<0.1	-	-	0.4	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		5.5	15/01/2019	209952	Normal	80	<1	<1	<1	<1	<1	<1	<1	-	-	<1	-	<1	<1	<1	<2	<1	<2	<1	-
		6.5	15/01/2019	209952	Normal	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		7.5	15/01/2019	209952	Normal	5,300	<0.1	<0.1	<0.1	<0.2	<0.5	0.3	<0.1	-	-	0.3	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	500	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	11,000	<0.1	<0.1	<0.1	<0.2	<0.5	0.5	<0.1	-	-	0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	1,200	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	2,700	<1	<1	<1	<1	<1	<1	<1	-	-	<1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		14.5	16/01/2019	209952	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5 - 2.6	18/12/2018	208548	Normal	100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		4.2 - 4.3	18/12/2018	208548	Normal	1,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	700	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							PCBs																		
						Zinc (filtered)	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Aroclor 1262	PCBs (Sum of total)	2,4-DDT	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (technical)
						µg/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	mg/kg	mg/kg	mg/kg	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	3,800	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		4.4 - 4.5	9/01/2019	209271	Normal	1,400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		5.4 - 5.5	9/01/2019	209271	Normal	1,400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	2,100	-	-	-	-	-	-	-	-	-	0.8	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	<0.6	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	12,000	-	-	-	-	-	-	-	-	-	5.8	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	2,500	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	-	-	0.2	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	5,900	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	2,600	-	-	-	-	-	-	-	-	-	3.9	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	1,600	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		14.5 - 14.5	10/01/2019	209351	Normal	2,100	-	-	-	-	-	-	-	-	-	8.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	15,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		17.4 - 17.5	10/01/2019	209351	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	90	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1.4 - 1.5	14/01/2019	209478	Normal	40	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.4 - 2.5	14/01/2019	209478	Normal	200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		4.4 - 4.5	14/01/2019	209478	Normal	63,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		5.4 - 5.5	14/01/2019	209478	Normal	17,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		7.5	22/01/2019	210301	Normal	3,400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	8,800	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		13.5	23/01/2019	210301	Normal	3,500	<1	<1	<1	<1	<1	<1	<1	-	-	<1	-	<1	<1	<1	<2	<1	<2	<1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1	27/03/2019	214487	Normal	2,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1.5	28/03/2019	214612	Normal	100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5	28/03/2019	214612	Normal	1,700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		3.5	28/03/2019	214612	Normal	5,300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		4.5	28/03/2019	214612	Normal	500	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	7,700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	11,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	27,000	<0.1	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	-	-	0.8	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	12,000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

							PCBs																		
						Zinc (filtered)	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Aroclor 1262	PCBs (Sum of total)	2,4-DDT	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (technical)
						µg/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	mg/kg	mg/kg	mg/kg	mg/kg
		11.5	28/03/2019	214612	Normal	600	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		12.5	28/03/2019	214612	Normal	50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		14.5	28/03/2019	214612	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		16.5	28/03/2019	214612	Normal	40	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1.5 - 1.6	5/03/2019	212776	Normal	7,200	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	9,100	<0.1	<0.1	<0.5	1.5	<0.5	<0.5	<0.5	-	-	1.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		3.5 - 3.6	5/03/2019	212776	Normal	1,600	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		4.5 - 4.6	5/03/2019	212776	Normal	800	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	90	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		9.5 - 9.6	5/03/2019	212776	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		11.5 - 11.6	5/03/2019	212776	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1 - 1.1	10/12/2018	207802	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1.4 - 1.4	10/12/2018	207802	Normal	400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5 - 2.6	10/12/2018	207802	Normal	1,300	<0.1	<0.1	<0.1	<0.1	<0.1	1.1	<0.1	-	-	1.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	20	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	-	-	0.1	-	<0.1	<0.1	<0.1	0.3	<0.1	<0.2	<0.1	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	700	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	1,900	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		11 - 11.5	12/12/2018	208342	Normal	2,200	-	-	-	-	-	-	-	-	-	4.6	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	25,000	<0.1	<0.1	<0.1	<0.1	<0.1	1.3	<0.1	-	-	1.3	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	SG-EH-102	0.5	4/03/2019	212671	Normal	1,100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		1.5	4/03/2019	212671	Normal	400	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5	4/03/2019	212671	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	60	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	300	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	300	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	<20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
		2.5 - 2.6	26/11/2018	206917	Normal	1,200	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	10,000	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	-	-	<0.3	-	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	-

							PCBs																
						Zinc (filtered)	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1268	Aroclor 1262	PCBs (Sum of total)	2,4-DDT	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	Chlordane	Chlordane (cis)	Chlordane (technical)
						µg/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	mg/kg	mg/kg	mg/kg	mg/kg
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		2.5 - 2.6	18/07/2019	SE195628	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	0.2	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	0.2	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	0.2
		0.7 - 0.8	15/07/2019	SE195454	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		2 - 2.1	15/07/2019	SE195454	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		1	2/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		2 - 2.1	18/07/2019	SE195628	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		1	3/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		2.3 - 2.5	30/07/2019	SE196128	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		1.5	1/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		2	1/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		1	1/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		2	2/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
		2	10/07/2019	SE195454	Normal	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1

Statistics

Number of Results	174	194	194	194	194	194	194	194	24	24	200	24	198	198	198	174	198	174	198	24
Number of Detects	158	0	0	0	2	1	17	0	0	0	25	0	5	0	0	1	0	0	0	1
Minimum Concentration	20	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.2	<0.2	0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.2	<0.1	<0.1
Minimum Detect	20	ND	ND	ND	0.4	0.2	0.1	ND	ND	ND	0.1	ND	0.2	ND	ND	0.3	ND	ND	ND	0.2
Maximum Concentration	160,000	<1	<1	<1	1.5	<1	15	<1	<0.2	<0.2	15	<0.1	<1	<1	<1	<2	<1	<2	<1	0.2
Maximum Detect	160,000	ND	ND	ND	1.5	0.2	15	ND	ND	ND	15	ND	0.3	ND	ND	0.3	ND	ND	ND	0.2
Average Concentration *	4,414	0.083	0.083	0.084	0.093	0.087	0.25	0.084	0.1	0.1	0.42	0.05	0.066	0.061	0.061	0.13	0.061	0.13	0.061	0.056
Geometric Average *	543	0.065	0.065	0.065	0.067	0.067	0.081	0.065	0.1	0.1	0.11	0.05	0.055	0.053	0.053	0.11	0.053	0.11	0.053	0.053
Median Concentration *	600	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.1	0.05	0.05
Standard Deviation *	15,308	0.092	0.092	0.092	0.14	0.094	1.3	0.092	0	0	1.5	0	0.075	0.071	0.071	0.15	0.071	0.15	0.071	0.031
Geometric Standard Deviation *	8.8	1.8	1.8	1.8	1.9	1.8	2.5	1.8	1	1	3.5	1	1.5	1.4	1.4	1.5	1.4	1.5	1.4	1.3

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

	Organochlorine Pesticides																			
	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	Methoxychlor	o,p-DDD	o,p'-DDE	trans-Nonachlor
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.1	0.1	0.1	0.1	0.1	0.1		0.1	0.1	0.1	0.1	100	100	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					3,600		2,000,000				100				50		2,500			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																				
0-1m																				
1-2m																				
2-4m																				
>=4m																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																				
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																				
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																				
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																				

Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																		
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1 - 1.1	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1.5 - 1.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5 - 2.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		3.5 - 3.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		12.5 - 12.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		14.5 - 14.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	GW8	0.05	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		3.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		5.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		7.5 - 7.6	4/12/2018	207349	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		8.4 - 8.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		13.4 - 13.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		15.4 - 15.5	11/01/2019	209484	Normal	<0.1	<0.1	0.7	<0.1	1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-

						Organochlorine Pesticides																		
						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	Methoxychlor	o,p-DDD	o,p'-DDE	trans-Nonachlor
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5 - 2.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		3.5 - 3.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		4.5 - 4.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		5.5 - 5.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		6 - 6.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		7.5 - 7.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		9.5 - 9.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		13.5 - 13.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		15.5 - 15.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		17.5 - 17.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5	6/12/2018	207583	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		0.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		3.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		4.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		5.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		6.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		7.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		8.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		9.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	SG-BH-102	0.5	20/11/2018	206225	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1.5	20/11/2018	206225	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5	20/11/2018	206225	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides																		
						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	Methoxychlor	o,p-DDD	o,p'-DDE	trans-Nonachlor
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5 - 2.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		5.4 - 5.5	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<2,000	<1	<1	<1	<1	<1,000	-	<1	<1	<1	<1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<2,000	<1	<1	<1	<1	<1,000	-	<1	<1	<1	<1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		9.5 - 9.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<2,000	<1	<1	<1	<1	<1,000	-	<1	<1	<1	<1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		4.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		5.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<2,000	<1	<1	<1	<1	<1,000	-	<1	<1	<1	<1	-	-	-
		6.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		7.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		14.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5 - 2.6	18/12/2018	208548	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		4.2 - 4.3	18/12/2018	208548	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides																		
						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	Methoxychlor	o,p-DDD	o,p'-DDE	trans-Nonachlor
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		4.4 - 4.5	9/01/2019	209271	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		5.4 - 5.5	9/01/2019	209271	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		14.5 - 14.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		17.4 - 17.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1.4 - 1.5	14/01/2019	209478	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.4 - 2.5	14/01/2019	209478	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		4.4 - 4.5	14/01/2019	209478	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		5.4 - 5.5	14/01/2019	209478	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		7.5	22/01/2019	210301	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		13.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<2,000	<1	<1	<1	<1	<1,000	-	<1	<1	<1	<1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1	27/03/2019	214487	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		3.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		4.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides																		
						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	Methoxychlor	o,p-DDD	o,p'-DDE	trans-Nonachlor
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		11.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		12.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		14.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		16.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1.5 - 1.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		3.5 - 3.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		4.5 - 4.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		9.5 - 9.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		11.5 - 11.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1 - 1.1	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1.4 - 1.4	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5 - 2.6	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		11 - 11.5	12/12/2018	208342	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	SG-EH-102	0.5	4/03/2019	212671	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		1.5	4/03/2019	212671	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5	4/03/2019	212671	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
		2.5 - 2.6	26/11/2018	206917	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	-	<0.1	<0.1	<0.1	<0.1	-	-	-

						Organochlorine Pesticides																	
						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	Methoxychlor	o,p-DDD	o,p'-DDE	trans-Nonachlor
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2.5 - 2.6	18/07/2019	SE195628	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	-	<0.1	0.2	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	-	<0.1	0.2	0.4	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		0.7 - 0.8	15/07/2019	SE195454	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2 - 2.1	15/07/2019	SE195454	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		1	2/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2 - 2.1	18/07/2019	SE195628	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		1	3/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2.3 - 2.5	30/07/2019	SE196128	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		1.5	1/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2	1/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		1	1/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2	2/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2	10/07/2019	SE195454	Normal	-	<0.1	<0.1	<0.1	-	<0.2	-	<0.2	<0.2	<0.1	<0.2	<100	<100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Statistics

Number of Results	174	198	198	198	174	198	174	198	198	198	198	198	24	198	198	198	198	24	24	24
Number of Detects	0	0	3	1	3	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Minimum Concentration	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<200	<0.1	<0.1	<0.1	<0.1	<100	<100	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Minimum Detect	ND	ND	0.2	0.4	0.2	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND
Maximum Concentration	<1	<1	<1	<1	1	<1	<2,000	<1	<1	<1	<1	<1,000	<100	<1	<1	<1	<1	0.3	<0.1	<0.1
Maximum Detect	ND	ND	0.7	0.4	1	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND
Average Concentration *	0.063	0.061	0.066	0.063	0.07	0.068	126	0.067	0.067	0.061	0.067	61	50	0.061	0.061	0.061	0.061	0.063	0.05	0.05
Geometric Average *	0.053	0.053	0.054	0.054	0.055	0.058	107	0.058	0.058	0.053	0.058	53	50	0.053	0.053	0.053	0.053	0.055	0.05	0.05
Median Concentration *	0.05	0.05	0.05	0.05	0.05	0.05	100	0.05	0.05	0.05	0.05	50	50	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Standard Deviation *	0.075	0.071	0.085	0.075	0.1	0.072	151	0.072	0.072	0.071	0.072	71	0	0.071	0.071	0.071	0.071	0.052	0	0
Geometric Standard Deviation *	1.5	1.4	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.5	1.4	1	1.4	1.4	1.4	1.4	1.5	1	1

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

						Organophosphorous Pesticides											Pesticides							
						Azinophos methyl	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenitrothion	Malathion	Methidathion	Ronnel	Isodrin	Mirex	heptachlor & heptachlor epoxide	Parathion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1		0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								2,000											100						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
0-1m																									
1-2m																									
2-4m																									
>=4m																									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																									
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																									
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																									
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1 - 1.1	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1.5 - 1.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5 - 2.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		3.5 - 3.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		12.5 - 12.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		14.5 - 14.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	2	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	2	2
	GW8	0.05	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		3.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		5.5	20/11/2018	206224	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		7.5 - 7.6	4/12/2018	207349	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		8.4 - 8.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		13.4 - 13.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		15.4 - 15.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1

						Organophosphorous Pesticides											Pesticides							
						Azinophos methyl	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenitrothion	Malathion	Methidathion	Ronnel	Isodrin	Mirex	heptachlor & heptachlor epoxide	Parathion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5 - 2.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		3.5 - 3.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		4.5 - 4.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		5.5 - 5.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		6 - 6.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		7.5 - 7.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		9.5 - 9.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		13.5 - 13.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		15.5 - 15.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		17.5 - 17.6	17/12/2018	208433	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5	6/12/2018	207583	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		0.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		3.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		4.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		5.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		6.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		7.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		8.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		9.5	9/11/2018	205272	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	SG-BH-102	0.5	20/11/2018	206225	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1.5	20/11/2018	206225	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5	20/11/2018	206225	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides											Pesticides							
						Azinophos methyl	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenitrothion	Malathion	Methidathion	Ronnel	Isodrin	Mirex	heptachlor & heptachlor epoxide	Parathion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5 - 2.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		5.4 - 5.5	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	-	-	<2	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	-	-	<2	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		9.5 - 9.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	-	-	<2	<1	<1	<1	<1	4
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	2	<1	2	31
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		4.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		5.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	-	-	<2	<1	<1	<1	<1	<1
		6.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		7.5	15/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		14.5	16/01/2019	209952	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5 - 2.6	18/12/2018	208548	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		4.2 - 4.3	18/12/2018	208548	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides											Pesticides							
						Azinophos methyl	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenitrothion	Malathion	Methidathion	Ronnel	Isodrin	Mirex	heptachlor & heptachlor epoxide	Parathion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		4.4 - 4.5	9/01/2019	209271	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		5.4 - 5.5	9/01/2019	209271	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		14.5 - 14.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	-	<0.1	-	-	<0.2	<0.2	4	2	2	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		17.4 - 17.5	10/01/2019	209351	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1.4 - 1.5	14/01/2019	209478	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.4 - 2.5	14/01/2019	209478	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		4.4 - 4.5	14/01/2019	209478	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		5.4 - 5.5	14/01/2019	209478	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		7.5	22/01/2019	210301	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		13.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	-	-	<2	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1	27/03/2019	214487	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		3.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		4.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organophosphorous Pesticides											Pesticides							
						Azinophos methyl	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenitrothion	Malathion	Methidathion	Ronnel	Isodrin	Mirex	heptachlor & heptachlor epoxide	Parathion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		11.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		12.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		14.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		16.5	28/03/2019	214612	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1.5 - 1.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<3	<3	<3	<3
		3.5 - 3.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		4.5 - 4.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<2	<2	<2	<2
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		9.5 - 9.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		11.5 - 11.6	5/03/2019	212776	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1 - 1.1	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1.4 - 1.4	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5 - 2.6	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		11 - 11.5	12/12/2018	208342	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.3	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	SG-EH-102	0.5	4/03/2019	212671	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		1.5	4/03/2019	212671	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5	4/03/2019	212671	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
		2.5 - 2.6	26/11/2018	206917	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.2	<0.1	<1	<1	<1	<1

						Organophosphorous Pesticides											Pesticides							
						Azinophos methyl	Bromophos-ethyl	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenitrothion	Malathion	Methidathion	Ronnel	Isodrin	Mirex	heptachlor & heptachlor epoxide	Parathion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Isopropylbenzene	n-butylbenzene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
		2.5 - 2.6	18/07/2019	SE195628	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	-	-	-	-
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	-	-	-	-
		0.7 - 0.8	15/07/2019	SE195454	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	-	-	-	-
		2 - 2.1	15/07/2019	SE195454	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	-	-	-	-
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
		1	2/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
		2 - 2.1	18/07/2019	SE195628	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	-	-	-	-
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
		1	3/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
		2.3 - 2.5	30/07/2019	SE196128	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	-	-	-	-
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
		1.5	1/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
		2	1/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
		1	1/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
		2	2/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	<0.1	<0.1	<0.1	<0.1
		2	10/07/2019	SE195454	Normal	<0.2	<0.2	<0.2	-	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.5	-	<0.1	<0.1	-	<0.2	-	-	-	-

Statistics

Number of Results	198	198	198	174	198	198	198	198	198	198	24	174	24	24	174	198	191	191	191	191
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	4	3
Minimum Concentration	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	2	2	2
Maximum Concentration	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<1	<0.1	<0.1	<2	<1	4	<3	<3	31
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	2	2	31
Average Concentration *	0.067	0.067	0.067	0.063	0.086	0.086	0.086	0.068	0.067	0.068	0.25	0.063	0.05	0.05	0.13	0.068	0.49	0.48	0.5	0.65
Geometric Average *	0.058	0.058	0.058	0.053	0.064	0.064	0.064	0.058	0.058	0.058	0.25	0.053	0.05	0.05	0.11	0.058	0.42	0.41	0.42	0.43
Median Concentration *	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.25	0.05	0.05	0.05	0.1	0.05	0.5	0.5	0.5	0.5
Standard Deviation *	0.072	0.072	0.072	0.075	0.093	0.093	0.093	0.072	0.072	0.072	0	0.075	0	0	0.15	0.072	0.32	0.19	0.27	2.2
Geometric Standard Deviation *	1.5	1.5	1.5	1.5	1.9	1.9	1.9	1.5	1.5	1.5	1	1.5	1	1	1.5	1.5	2	2	2	2.1

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

						MAH					VOCs			Halogenated Hydrocarbons											
						n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.1	0.1	10	1	1	0.1	1	1	5	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																									
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
0-1m																									
1-2m																									
2-4m																									
>=4m																									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																									
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																									
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																									
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1 - 1.1	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1.5 - 1.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5 - 2.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		3.5 - 3.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		12.5 - 12.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		14.5 - 14.6	22/03/2019	214100	Normal	3	1	2	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	6	<1	2	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	GW8	0.05	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		3.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		5.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		7.5 - 7.6	4/12/2018	207349	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		8.4 - 8.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		13.4 - 13.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		15.4 - 15.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1

						MAH					VOCs			Halogenated Hydrocarbons											
						n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5 - 2.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		3.5 - 3.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		4.5 - 4.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		5.5 - 5.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		6 - 6.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		7.5 - 7.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		9.5 - 9.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		13.5 - 13.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		15.5 - 15.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		17.5 - 17.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	<1	1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		0.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		3.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		4.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		5.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		6.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		7.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		8.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		9.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	SG-BH-102	0.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						MAH					VOCs			Halogenated Hydrocarbons											
						n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5 - 2.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		5.4 - 5.5	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		9.5 - 9.6	29/11/2018	207002	Normal	2	<1	2	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	8	<1	8	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		4.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		5.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		6.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		7.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		14.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5 - 2.6	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		4.2 - 4.3	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						MAH					VOCs			Halogenated Hydrocarbons											
						n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		4.4 - 4.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		5.4 - 5.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		14.5 - 14.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		17.4 - 17.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1.4 - 1.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.4 - 2.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		4.4 - 4.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		5.4 - 5.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		7.5	22/01/2019	210301	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		13.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1	27/03/2019	214487	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		3.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		4.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						MAH					VOCs			Halogenated Hydrocarbons											
						n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		11.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		12.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		14.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		16.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1.5 - 1.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	<3	<3	<3	<3	<3	-	-	-	<3	<3	<3	-	<3	<3	<3	<3	<3	<3	<3	<3
		3.5 - 3.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		4.5 - 4.6	5/03/2019	212776	Normal	<2	<2	<2	<2	<2	-	-	-	<2	<2	<2	-	<2	<2	<2	<2	<2	<2	<2	<2
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		9.5 - 9.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		11.5 - 11.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1 - 1.1	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1.4 - 1.4	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5 - 2.6	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		11 - 11.5	12/12/2018	208342	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	SG-EH-102	0.5	4/03/2019	212671	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		1.5	4/03/2019	212671	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5	4/03/2019	212671	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
		2.5 - 2.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	-	-	-	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1

						MAH					VOCs			Halogenated Hydrocarbons											
						n-propylbenzene	p-isopropyltoluene	sec-butylbenzene	Styrene	tert-butylbenzene	2-Nitropropane	cis-1,4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	1,2-dibromoethane	Bromomethane	Dichlorodifluoromethane	Iodomethane	Trichlorofluoromethane	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,1-dichloroethene	1,1-dichloropropene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2.5 - 2.6	18/07/2019	SE195628	Normal	-	-	-	-	-	-	<1	<1	<0.1	-	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	-	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<0.1	0.7	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	-	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	-	-	-	-	-	-	<1	<1	<0.1	<1	-	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		0.7 - 0.8	15/07/2019	SE195454	Normal	-	-	-	-	-	-	<1	<1	<0.1	<1	-	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2 - 2.1	15/07/2019	SE195454	Normal	-	-	-	-	-	-	<1	<1	<0.1	<1	-	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		1	2/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2 - 2.1	18/07/2019	SE195628	Normal	-	-	-	-	-	-	<1	<1	<0.1	-	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		1	3/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2.3 - 2.5	30/07/2019	SE196128	Normal	-	-	-	-	-	-	<1	<1	<0.1	-	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		1.5	1/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2	1/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		1	1/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2	2/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
		2	10/07/2019	SE195454	Normal	-	-	-	-	-	-	<1	<1	<0.1	<1	-	<5	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Statistics

Number of Results	191	191	191	191	191	17	24	24	198	195	192	24	198	198	198	198	198	198	198	198	198	198	198	198
Number of Detects	5	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<1	<1	<0.1	<1	<1	<5	<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
Minimum Detect	1	0.7	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	8	<3	8	<3	<3	<10	<1	<1	<3	<3	<3	<5	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Maximum Detect	8	1	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration *	0.56	0.48	0.53	0.47	0.47	5	0.5	0.5	0.45	0.51	0.51	2.5	0.51	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
Geometric Average *	0.43	0.42	0.43	0.41	0.41	5	0.5	0.5	0.38	0.5	0.5	2.5	0.5	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
Median Concentration *	0.5	0.5	0.5	0.5	0.5	5	0.5	0.5	0.5	0.5	0.5	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Standard Deviation *	0.72	0.16	0.6	0.15	0.15	0	0	0	0.17	0.08	0.081	0	0.079	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Geometric Standard Deviation *	2.1	1.9	2.1	1.9	1.9	1	1	1	2.1	1.1	1.1	1	1.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfN

						Chlorinated Hydrocarbons																	
						1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichloromethane	Hexachlorobutadiene	Trichloroethene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1	0.1	1	0.1	0.1	0.1	0.5	0.1	0.1
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																									
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
0-1m																									
1-2m																									
2-4m																									
>=4m																									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																									
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																									
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																									
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1 - 1.1	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1.5 - 1.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5 - 2.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		3.5 - 3.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		12.5 - 12.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		14.5 - 14.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	GW8	0.05	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		3.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		5.5	20/11/2018	206224	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		7.5 - 7.6	4/12/2018	207349	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		8.4 - 8.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		13.4 - 13.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		15.4 - 15.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1

						Chlorinated Hydrocarbons																		
						1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichloromethane	Hexachlorobutadiene	Trichloroethene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5 - 2.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		3.5 - 3.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		4.5 - 4.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		5.5 - 5.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		6 - 6.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		7.5 - 7.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		9.5 - 9.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		13.5 - 13.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		15.5 - 15.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		17.5 - 17.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		0.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		3.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		4.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		5.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		6.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		7.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		8.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		9.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	SG-BH-102	0.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Chlorinated Hydrocarbons																			
						1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichloromethane	Hexachlorobutadiene	Trichloroethene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5 - 2.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		5.4 - 5.5	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		9.5 - 9.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		4.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		5.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		6.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		7.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		14.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5 - 2.6	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
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						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Chlorinated Hydrocarbons																		
						1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichloromethane	Hexachlorobutadiene	Trichloroethene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		4.4 - 4.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		5.4 - 5.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		14.5 - 14.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		17.4 - 17.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1.4 - 1.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.4 - 2.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		4.4 - 4.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		5.4 - 5.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		7.5	22/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		13.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1	27/03/2019	214487	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		3.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		4.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Chlorinated Hydrocarbons																		
						1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichloromethane	Hexachlorobutadiene	Trichloroethene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		11.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		12.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		14.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		16.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1.5 - 1.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	-	<3	<3
		3.5 - 3.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		4.5 - 4.6	5/03/2019	212776	Normal	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	<2
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		9.5 - 9.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		11.5 - 11.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1 - 1.1	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1.4 - 1.4	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5 - 2.6	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		11 - 11.5	12/12/2018	208342	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	SG-EH-102	0.5	4/03/2019	212671	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		1.5	4/03/2019	212671	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5	4/03/2019	212671	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
		2.5 - 2.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1

						Chlorinated Hydrocarbons																	
						1,2,3-trichloropropane	1,2-dibromo-3-chloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	2,2-dichloropropane	Bromochloromethane	Bromodichloromethane	Bromoform	Carbon tetrachloride	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Dibromomethane	Dichloromethane	Hexachlorobutadiene	Trichloroethene
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		2.5 - 2.6	18/07/2019	SE195628	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		0.7 - 0.8	15/07/2019	SE195454	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		2 - 2.1	15/07/2019	SE195454	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		1	2/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		2 - 2.1	18/07/2019	SE195628	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		1	3/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		2.3 - 2.5	30/07/2019	SE196128	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		1.5	1/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		2	1/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		1	1/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		2	2/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
		2	10/07/2019	SE195454	Normal	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1

Statistics

Number of Results	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	24	198	198
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1	<0.1	<1	<0.1	<0.1	<0.1	<0.5	<0.1	<0.1
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<0.5	<3	<3
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration *	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.51	0.45	0.51	0.45	0.45	0.45	0.25	0.45	0.45
Geometric Average *	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.5	0.38	0.5	0.38	0.38	0.38	0.25	0.38	0.38
Median Concentration *	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	0.5	0.5
Standard Deviation *	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.079	0.17	0.079	0.17	0.17	0.17	0	0.17	0.17
Geometric Standard Deviation *	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.1	2.1	1.1	2.1	2.1	2.1	1	2.1	2.1

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

							Halogenated Benzenes										Solvents					
							Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Acrylonitrile	Allyl chloride
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							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	0.1	10	5	1	10	0.1	0.1
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																				80						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																										
0-1m																										
1-2m																										
2-4m																										
>=4m																										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																										
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																										
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																										
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																										
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																					
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1 - 1.1	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1.5 - 1.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5 - 2.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		3.5 - 3.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		12.5 - 12.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		14.5 - 14.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	GW8	0.05	20/11/2018	206224	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
			20/11/2018	206224	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1.5	20/11/2018	206224	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5	20/11/2018	206224	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		3.5	20/11/2018	206224	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		5.5	20/11/2018	206224	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		7.5 - 7.6	4/12/2018	207349	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		8.4 - 8.5	11/01/2019	209484	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
			11/01/2019	209484	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		13.4 - 13.5	11/01/2019	209484	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		15.4 - 15.5	11/01/2019	209484	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	GW9	0.5 - 0.6	17/12/2018	208433	Normal		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-

						Halogenated Benzenes											Solvents					
						Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Acrylonitrile	Allyl chloride
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5 - 2.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		3.5 - 3.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		4.5 - 4.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		5.5 - 5.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		6 - 6.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		7.5 - 7.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		9.5 - 9.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		13.5 - 13.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		15.5 - 15.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		17.5 - 17.6	17/12/2018	208433	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		0.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		3.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		4.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		5.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		6.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		7.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		8.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		9.5	9/11/2018	205272	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	SG-BH-102	0.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Halogenated Benzenes											Solvents					
						Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Acrylonitrile	Allyl chloride
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5 - 2.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		5.4 - 5.5	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		9.5 - 9.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		4.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		5.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-
		6.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		7.5	15/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		14.5	16/01/2019	209952	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5 - 2.6	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		4.2 - 4.3	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Halogenated Benzenes												Solvents					
						Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Acrylonitrile	Allyl chloride
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		4.4 - 4.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		5.4 - 5.5	9/01/2019	209271	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		14.5 - 14.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		17.4 - 17.5	10/01/2019	209351	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1.4 - 1.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.4 - 2.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		4.4 - 4.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		5.4 - 5.5	14/01/2019	209478	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		7.5	22/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	3	3	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		13.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1	27/03/2019	214487	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		3.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		4.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Halogenated Benzenes												Solvents					
						Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Acrylonitrile	Allyl chloride
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		11.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		12.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		14.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		16.5	28/03/2019	214612	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1.5 - 1.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<0.1	-	-	-	-	-	-
		3.5 - 3.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		4.5 - 4.6	5/03/2019	212776	Normal	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		9.5 - 9.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		11.5 - 11.6	5/03/2019	212776	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1 - 1.1	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1.4 - 1.4	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5 - 2.6	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		11 - 11.5	12/12/2018	208342	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	SG-EH-102	0.5	4/03/2019	212671	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		1.5	4/03/2019	212671	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5	4/03/2019	212671	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<0.1	-	-	-	-	-	-

						Halogenated Benzenes											Solvents					
						Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Vinyl chloride	1,2,3-trichlorobenzene	1,2,4-trichlorobenzene	1,2-dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	2-chlorotoluene	4-chlorotoluene	Bromobenzene	Chlorobenzene	Hexachlorobenzene	Methyl Ethyl Ketone	2-hexanone (MBK)	4-Methyl-2-pentanone	Acetone	Acrylonitrile	Allyl chloride
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
		2.5 - 2.6	18/07/2019	SE195628	Normal	<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	<0.1	-	-	-	-	-	<0.1
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	<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	<0.1	-	-	-	-	-	<0.1
		0.7 - 0.8	15/07/2019	SE195454	Normal	<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	<0.1	-	-	-	-	-	<0.1
		2 - 2.1	15/07/2019	SE195454	Normal	<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	<0.1	-	-	-	-	-	<0.1
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
		1	2/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
		2 - 2.1	18/07/2019	SE195628	Normal	<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	<0.1	-	-	-	-	-	<0.1
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
		1	3/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
		2.3 - 2.5	30/07/2019	SE196128	Normal	<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	<0.1	-	-	-	-	-	<0.1
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
		1.5	1/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
		2	1/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
		1	1/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
		2	2/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
		2	10/07/2019	SE195454	Normal	<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	<0.1	-	-	-	-	-	<0.1

Statistics

Number of Results	198	198	198	198	198	198	198	198	198	198	198	198	198	198	17	17	17	17	17	24
Number of Detects	0	0	0	0	1	0	0	1	4	0	0	0	1	0	0	0	0	0	0	0
Minimum Concentration	<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	<0.1	<10	<5	<1	<10	<0.1	<0.1
Minimum Detect	ND	ND	ND	ND	0.1	ND	ND	3	1	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<3	<3	<3	<3	<3	<3	<3	3	3	<3	<3	<3	<3	<1	<10	<5	<1	<10	<0.1	<0.1
Maximum Detect	ND	ND	ND	ND	0.1	ND	ND	3	3	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND
Average Concentration *	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.47	0.48	0.45	0.45	0.45	0.46	0.061	5	2.5	0.5	5	0.05	0.05
Geometric Average *	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.39	0.39	0.38	0.38	0.38	0.38	0.053	5	2.5	0.5	5	0.05	0.05
Median Concentration *	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	5	2.5	0.5	5	0.05	0.05
Standard Deviation *	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.25	0.31	0.17	0.17	0.17	0.2	0.071	0	0	0	0	0	0
Geometric Standard Deviation *	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.2	1.4	1	1	1	1	1	1

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

																		Perfluoroalkane Carboxylic Acids					
						Carbon disulfide	Cyclohexane	MTBE	Vinyl acetate	Perfluorobutanoic acid (PFBA)		Perfluorohexanoic acid (PFHxA)		Perfluoropentanoic acid (PFPeA)		Perfluoroheptanoic acid (PFHpA)		Perfluorooctanoic acid (PFOA)		Perfluorodecanoic acid (PFDA)		Perfluorododecanoic acid (PFDoDA)		Perfluorononanoic acid (PFNA)	
						mg/kg	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	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL						0.5	1	0.1	10	0.0002	0.002	0.0001	0.002	0.0002	0.002	0.0001	0.002	0.0001	0.001	0.0005	0.004	0.0005	0.004	0.0001	0.004
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																									
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
0-1m																									
1-2m																									
2-4m																									
>=4m																									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																									
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																									
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																									
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1 - 1.1	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW8	0.05	20/11/2018	206224	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206224	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206224	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206224	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	20/11/2018	206224	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	4/12/2018	207349	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.4 - 8.5	11/01/2019	209484	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	11/01/2019	209484	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	11/01/2019	209484	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Perfluoroalkane Carboxylic Acids													
						Carbon disulfide	Cyclohexane	MTBE	Vinyl acetate	Perfluorobutanoic acid (PFBA)		Perfluorohexanoic acid (PFHxA)		Perfluoropentanoic acid (PFPeA)		Perfluoroheptanoic acid (PFHpA)		Perfluorooctanoic acid (PFOA)		Perfluorodecanoic acid (PFDA)		Perfluorododecanoic acid (PFDoDA)		Perfluorononanoic acid (PFNA)	
						mg/kg	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	µg/L	mg/kg	µg/L	mg/kg	µg/L
		1.5 - 1.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 6.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.5 - 13.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.5 - 17.6	17/12/2018	208433	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	6/12/2018	207583	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	9/11/2018	205272	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-102	0.5	20/11/2018	206225	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206225	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206225	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Perfluoroalkane Carboxylic Acids															
						Carbon disulfide	Cyclohexane	MTBE	Vinyl acetate	Perfluorobutanoic acid (PFBA)		Perfluorohexanoic acid (PFHxA)		Perfluoropentanoic acid (PFPeA)		Perfluoroheptanoic acid (PFHpA)		Perfluorooctanoic acid (PFOA)		Perfluorodecanoic acid (PFDA)		Perfluorododecanoic acid (PFDoDA)		Perfluorononanoic acid (PFNA)	
						mg/kg	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	µg/L	mg/kg	µg/L	mg/kg	µg/L
		1 - 1.1	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	15/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	15/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	15/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	15/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	15/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	15/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5	16/01/2019	209952	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	18/12/2018	208548	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.2 - 4.3	18/12/2018	208548	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

											Perfluoroalkane Carboxylic Acids													
						Carbon disulfide	Cyclohexane	MTBE	Vinyl acetate	Perfluorobutanoic acid (PFBA)		Perfluorohexanoic acid (PFHxA)		Perfluoropentanoic acid (PFPeA)		Perfluoroheptanoic acid (PFHpA)		Perfluorooctanoic acid (PFOA)		Perfluorodecanoic acid (PFDA)		Perfluorododecanoic acid (PFDoDA)		Perfluorononanoic acid (PFNA)	
						mg/kg	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	µg/L	mg/kg	µg/L	mg/kg	µg/L
		3.4 - 3.5	9/01/2019	209271	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	9/01/2019	209271	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	9/01/2019	209271	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.5	10/01/2019	209351	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	10/01/2019	209351	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	14/01/2019	209478	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	14/01/2019	209478	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	14/01/2019	209478	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	14/01/2019	209478	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	22/01/2019	210301	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.5	23/01/2019	210301	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	27/03/2019	214487	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Perfluoroalkane Carboxylic Acids													
						Carbon disulfide	Cyclohexane	MTBE	Vinyl acetate	Perfluorobutanoic acid (PFBA)		Perfluorohexanoic acid (PFHxA)		Perfluoropentanoic acid (PFPeA)		Perfluoroheptanoic acid (PFHpA)		Perfluorooctanoic acid (PFOA)		Perfluorodecanoic acid (PFDA)		Perfluorododecanoic acid (PFDoDA)		Perfluorononanoic acid (PFNA)	
						mg/kg	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	µg/L	mg/kg	µg/L	mg/kg	µg/L
		11.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.5	28/03/2019	214612	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	5/03/2019	212776	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	-	<3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	5/03/2019	212776	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	5/03/2019	212776	Normal	-	<2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	5/03/2019	212776	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	5/03/2019	212776	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	-	<1	-	-	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-
		1 - 1.1	10/12/2018	207802	Normal	-	<1	-	-	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-
		1.4 - 1.4	10/12/2018	207802	Normal	-	<1	-	-	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-
		2.5 - 2.6	10/12/2018	207802	Normal	-	<1	-	-	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	-	<1	-	-	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	-	<1	-	-	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	-	<1	-	-	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	0.0002	-	<0.0005	-	<0.0005	-	<0.0001	-
				207802-B	Normal	-	-	-	-	-	<0.02	-	<0.01	-	<0.02	-	<0.01	-	<0.01	-	<0.02	-	<0.05	-	<0.01
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	-	<1	-	-	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	0.0003	-	<0.0005	-	<0.0005	-	<0.0001	-
		11 - 11.5	12/12/2018	208342	Normal	-	<1	-	-	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	0.0015	-	<0.0005	-	<0.0005	-	<0.0001	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	-	<1	-	-	<0.0004	-	<0.0002	-	<0.0004	-	<0.0002	-	<0.0002	-	<0.001	-	<0.001	-	<0.0002	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	-	<1	-	-	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-
	SG-EH-102	0.5	4/03/2019	212671	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	4/03/2019	212671	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	4/03/2019	212671	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206917	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										Perfluoroalkane Carboxylic Acids											
						Carbon disulfide	Cyclohexane	MTBE	Vinyl acetate	Perfluorobutanoic acid (PFBA)		Perfluorohexanoic acid (PFHxA)		Perfluoropentanoic acid (PFPeA)		Perfluoroheptanoic acid (PFHpA)		Perfluorooctanoic acid (PFOA)		Perfluorodecanoic acid (PFDA)		Perfluorododecanoic acid (PFDoDA)		Perfluorononanoic acid (PFNA)	
						mg/kg	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	µg/L	mg/kg	µg/L	mg/kg	µg/L
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		2.5 - 2.6	18/07/2019	SE195628	Normal	-	-	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	0.0056	-	<0.0032	-	<0.0032	-	<0.0032	-
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	<0.002	-	<0.002	-	<0.002	-	<0.002	-	0.006	-	<0.004	-	<0.004	-	<0.004
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	-	-	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		0.7 - 0.8	15/07/2019	SE195454	Normal	-	-	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		2 - 2.1	15/07/2019	SE195454	Normal	-	-	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		1	2/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		2 - 2.1	18/07/2019	SE195628	Normal	-	-	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		1	3/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		2.3 - 2.5	30/07/2019	SE196128	Normal	-	-	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		1.5	1/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		2	1/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		1	1/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		2	2/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<0.5	-	<0.1	<10	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-
		2	10/07/2019	SE195454	Normal	-	-	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-

Statistics

Number of Results	17	174	17	17	35	2	35	2	35	2	35	2	35	2	35	2	35	2	35	2
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0
Minimum Concentration	<0.5	<1	<0.1	<10	<0.0002	<0.002	<0.0001	<0.002	<0.0002	<0.002	<0.0001	<0.002	0.0001	0.006	<0.0005	<0.004	<0.0005	<0.004	<0.0001	<0.004
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0001	0.006	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<3	<0.1	<10	<0.0032	<0.02	<0.0032	<0.01	<0.0032	<0.02	<0.0032	<0.01	0.0056	<0.01	<0.0032	<0.02	<0.0032	<0.05	<0.0032	<0.01
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0056	0.006	ND	ND	ND	ND	ND	ND
Average Concentration *	0.25	0.51	0.05	5	0.0011	0.0055	0.0011	0.003	0.0011	0.0055	0.0011	0.003	0.00076	0.0055	0.0012	0.006	0.0012	0.014	0.0011	0.0035
Geometric Average *	0.25	0.51	0.05	5	0.00068	0.0032	0.00055	0.0022	0.00068	0.0032	0.00055	0.0022	0.00044	0.0055	0.00091	0.0045	0.00091	0.0071	0.00055	0.0032
Median Concentration *	0.25	0.5	0.05	5	0.0016	0.0055	0.0016	0.003	0.0016	0.0055	0.0016	0.003	0.0008	0.0055	0.0016	0.006	0.0016	0.0135	0.0016	0.0035
Standard Deviation *	0	0.085	0	0	0.0007	0.0064	0.00073	0.0028	0.0007	0.0064	0.00073	0.0028	0.00091	0.00071	0.00063	0.0057	0.00063	0.016	0.00073	0.0021
Geometric Standard Deviation *	1	1.1	1	1	3.6	5.1	5	3.1	3.6	5.1	5	3.1	3.4	1.1	2.3	3.1	2.3	6	5	1.9

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

						Perfluoroalkane Sulfonic Acids																			
						Perfluorotetradecanoic acid (PFTeDA)		Perfluorotridecanoic acid (PFTrDA)		Perfluoroundecanoic acid (PFUnDA)		Perfluorohexadecanoic acid (PFHxDA)	Perfluorohexadecanoic acid (PFHxDA)	Perfluorobutane sulfonate (PFBS)		Perfluorononanesulfonic acid (PFNS)		Perfluorobutane sulfonic acid (PFBS)		Perfluoropentane sulfonic acid (PFPeS)		Perfluorohexane sulfonic acid (PFHxS)		Perfluoroheptane sulfonic acid (PFHpS)		Perfluorooctane sulfonic
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg
EQL						0.0032	0.004	0.0005	0.004	0.0005	0.004	0.0064	0.008	0.004	0.0032	0.002	0.0001	0.01	0.0001	0.004	0.0001	0.002	0.0001	0.002	0.0001
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																									
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
0-1m																									
1-2m																									
2-4m																									
>=4m																									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																									
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																									
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																									
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1 - 1.1	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW8	0.05	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	4/12/2018	207349	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.4 - 8.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Perfluoroalkane Sulfonic Acids																			
						Perfluorotetradecanoic acid (PFTeDA)		Perfluorotridecanoic acid (PFTrDA)		Perfluoroundecanoic acid (PFUnDA)		Perfluorohexadecanoic acid (PFHxDA)	Perfluorohexadecanoic acid (PFHxDA)	Perfluorobutane sulfonate (PFBS)		Perfluorononanesulfonic acid (PFNS)		Perfluorobutane sulfonic acid (PFBS)		Perfluoropentane sulfonic acid (PFPeS)		Perfluorohexane sulfonic acid (PFHxS)		Perfluoroheptane sulfonic acid (PFHpS)		Perfluorooctane sulfonic
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L			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
		1.5 - 1.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 6.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.5 - 13.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.5 - 17.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-102	0.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Perfluoroalkane Sulfonic Acids																			
						Perfluorotetradecanoic acid (PFTeDA)		Perfluorotridecanoic acid (PFTrDA)		Perfluoroundecanoic acid (PFUnDA)		Perfluorohexadecanoic acid (PFHxDA)	Perfluorohexadecanoic acid (PFHxDA)	Perfluorobutane sulfonate (PFBS)		Perfluorononanesulfonic acid (PFNS)		Perfluorobutane sulfonic acid (PFBS)		Perfluoropentane sulfonic acid (PFPeS)		Perfluorohexane sulfonic acid (PFHxS)		Perfluoroheptane sulfonic acid (PFHpS)		Perfluorooctane sulfonic
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	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/kg
		1 - 1.1	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.2 - 4.3	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Perfluoroalkane Sulfonic Acids																			
						Perfluorotetradecanoic acid (PFTeDA)		Perfluorotridecanoic acid (PFTrDA)		Perfluoroundecanoic acid (PFUnDA)		Perfluorohexadecanoic acid (PFHxDA)	Perfluorohexadecanoic acid (PFHxDA)	Perfluorobutane sulfonate (PFBS)		Perfluorononanesulfonic acid (PFNS)		Perfluorobutane sulfonic acid (PFBS)		Perfluoropentane sulfonic acid (PFPeS)		Perfluorohexane sulfonic acid (PFHxS)		Perfluoroheptane sulfonic acid (PFHpS)		Perfluorooctane sulfonic
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	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/kg
		3.4 - 3.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	22/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	27/03/2019	214487	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Perfluoroalkane Sulfonic Acids																		
						Perfluorotetradecanoic acid (PFTeDA)		Perfluorotridecanoic acid (PFTrDA)		Perfluoroundecanoic acid (PFUnDA)		Perfluorohexadecanoic acid (PFHxDA)	Perfluorohexadecanoic acid (PFHxDA)	Perfluorobutane sulfonate (PFBS)			Perfluorobutane sulfonic acid (PFBS)		Perfluoropentane sulfonic acid (PFPeS)		Perfluorohexane sulfonic acid (PFHxS)		Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg
		11.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	<0.005	-	<0.0005	-	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	0.0012
		1 - 1.1	10/12/2018	207802	Normal	<0.005	-	<0.0005	-	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	0.0001	-	<0.0001	-	0.0009
		1.4 - 1.4	10/12/2018	207802	Normal	<0.005	-	<0.0005	-	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	0.0001	-	<0.0001	-	0.0012
		2.5 - 2.6	10/12/2018	207802	Normal	<0.005	-	<0.0005	-	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	0.0007
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	<0.005	-	<0.0005	-	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	0.0006
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	<0.005	-	<0.0005	-	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	0.0034
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	<0.005	-	<0.0005	-	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	0.0006	-	<0.0001	-	0.0045
				207802-B	Normal	-	<0.5	-	<0.1	-	<0.02	-	-	-	-	-	-	<0.01	-	<0.01	-	0.02	-	<0.01	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	<0.005	-	<0.0005	-	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	0.0005
		11 - 11.5	12/12/2018	208342	Normal	<0.005	-	<0.0005	-	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	0.0003	-	<0.0001	-	0.0022
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	<0.01	-	<0.001	-	<0.001	-	-	-	-	-	-	<0.0002	-	<0.0002	-	<0.0002	-	<0.0002	-	0.0014
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<0.005	-	<0.0005	-	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001
	SG-EH-102	0.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Perfluorotetradecanoic acid (PFTeDA)		Perfluorotridecanoic acid (PFTrDA)		Perfluoroundecanoic acid (PFUnDA)		Perfluorohexadecanoic acid (PFHxDA)		Perfluorohexadecanoic acid (PFHxDA)		Perfluoroalkane Sulfonic Acids											
																Perfluorobutane sulfonate (PFBS)		Perfluorononanesulfonic acid (PFNS)		Perfluorobutane sulfonic acid (PFBS)		Perfluoropentane sulfonic acid (PFPeS)		Perfluorohexane sulfonic acid (PFHxS)		Perfluoroheptane sulfonic acid (PFHpS)		Perfluorooctane sulfonic
						mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg
Sydney Gateway Golder	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		2.5 - 2.6	18/07/2019	SE195628	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	0.032
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	<0.004	-	<0.004	-	<0.004	-	<0.008	<0.004	-	<0.002	-	-	-	<0.004	-	0.003	-	<0.002	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		0.7 - 0.8	15/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		2 - 2.1	15/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		1	2/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		2 - 2.1	18/07/2019	SE195628	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		1	3/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		2.3 - 2.5	30/07/2019	SE196128	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		1.5	1/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		2	1/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		1	1/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		2	2/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032
		2	10/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032

Statistics

Number of Results	35	2	35	2	35	2	24	1	1	24	1	35	1	35	2	35	2	35	2	35
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	11
Minimum Concentration	<0.0032	<0.004	<0.0005	<0.004	<0.0005	<0.004	<0.0064	<0.008	<0.004	<0.0032	<0.002	<0.0001	<0.01	<0.0001	<0.004	0.0001	0.003	<0.0001	<0.002	<0.0001
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0001	0.003	ND	ND	0.0005
Maximum Concentration	<0.01	<0.5	<0.0032	<0.1	<0.0032	<0.02	<0.0064	<0.008	<0.004	<0.0032	<0.002	<0.0032	<0.01	<0.0032	<0.01	<0.0032	0.02	<0.0032	<0.01	0.032
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0006	0.02	ND	ND	0.032
Average Concentration *	0.002	0.13	0.0012	0.026	0.0012	0.006	0.0032			0.0016		0.0011		0.0011	0.0035	0.0011	0.012	0.0011	0.003	0.0024
Geometric Average *	0.0019	0.022	0.00091	0.01	0.00091	0.0045	0.0032	0.004	0.002	0.0016	0.001	0.00055	0.005	0.00055	0.0032	0.00065	0.0077	0.00055	0.0022	0.0015
Median Concentration *	0.0016	0.126	0.0016	0.026	0.0016	0.006	0.0032	0.004	0.002	0.0016	0.001	0.0016	0.005	0.0016	0.0035	0.0016	0.0115	0.0016	0.003	0.0016
Standard Deviation *	0.00067	0.18	0.00063	0.034	0.00063	0.0057	0			0		0.00073		0.00073	0.0021	0.0007	0.012	0.00073	0.0028	0.0052
Geometric Standard Deviation *	1.3	30	2.3	9.7	2.3	3.1	1			1		5		5	1.9	4.2	3.8	5	3.1	2.4

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

							NA																
						acid (PFOS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorododecane sulfonate (PFDoS)	Perfluorododecane sulfonate (PFDoS)	(13C2_PFTeDA) Isotopically Labelled Internal Recov	(13C4_PFOA) Isotopically Labelled Internal Recover	Extracted ISTD 18O2 PFHxS	Post-Sum PFOS and PFHXS	Scheduled chemicals (NSW Waste 2008)	Extracted ISTD 13C3 PFPeA	Extracted ISTD 13C2 PFDA	Mass of test sample	Mass of test sample (filtered)	Solids Leachate pH (post rolling) (filtered)	TOTAL VOCS	Perfluorooctane sulfonamide (FOSA)	N-Methyl	
						µg/L	mg/kg	µg/L	µg/L	µg/kg	%	%	%	µg/L	mg/kg	%	%	g	g	pH Unit	pH units	mg/kg	mg/kg	µg/L	mg/kg
EQL						0.002	0.0002	0.002	0.002	3.2				0.0032				0	0	0	0	24	0.001	0.008	0.001
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																							
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																							
0-1m																							
1-2m																							
2-4m																							
>=4m																							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																							
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																							
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																							
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																		
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1 - 1.1	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	GW8	0.05	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		5.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	4/12/2018	207349	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		8.4 - 8.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	3.1	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-

												NA														
						acid (PFOS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorododecane sulfonate (PFDoS)	Perfluorododecane sulfonate (PFDoS)	(13C2_PFTeDA) Isotopically Labelled Internal Recov	(13C4_PFOA) Isotopically Labelled Internal Recover	Extracted ISTD 18O2 PFHxS	Post-Sum PFOS and PFHXS	Scheduled chemicals (NSW Waste 2008)	Extracted ISTD 13C3 PFPeA	Extracted ISTD 13C2 PFDA	Mass of test sample	Mass of test sample (filtered)	Solids Leachate pH (post rolling) (filtered)	TOTAL VOCS	Perfluorooctane sulfonamide (FOSA)	N-Methyl	
						µg/L	mg/kg	µg/L	µg/L	µg/kg	%	%	%	µg/L	mg/kg	%	%	g	g	pH Unit	pH units	mg/kg	mg/kg	µg/L	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		6 - 6.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		13.5 - 13.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		17.5 - 17.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	4,800	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	4,800	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	4,500	-	-	-	-	-	-	-
				212550-A	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	5,000	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	3,700	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	4,300	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		0.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		3.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		4.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		5.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		6.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		7.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		8.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		9.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	SG-BH-102	0.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

											NA															
						acid (PFOS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorododecane sulfonate (PFDoS)	Perfluorododecane sulfonate (PFDoS)		(13C2_PFTeDA) Isotopically Labelled Internal Recov	(13C4_PFOA) Isotopically Labelled Internal Recover	Extracted ISTD 18O2 PFHxS	Post-Sum PFOS and PFHXS	Scheduled chemicals (NSW Waste 2008)	Extracted ISTD 13C3 PFPeA	Extracted ISTD 13C2 PFDA	Mass of test sample	Mass of test sample (filtered)	Solids Leachate pH (post rolling) (filtered)		TOTAL VOCS	Perfluorooctane sulfonamide (FOSA)		N-Methyl
						µg/L	mg/kg	µg/L	µg/L	µg/kg	%	%	%	µg/L	mg/kg	%	%	g	g	pH Unit	pH units	mg/kg	mg/kg	µg/L	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	5,600	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	6,600	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<14	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<14	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	4,800	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<14	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	8,500	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	4,100	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		4.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		5.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<14	-	-	-	-	-	-	-	-	-	-
		6.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		7.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	3,100	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	3,300	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		14.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		4.2 - 4.3	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	8,800	-	-	-	-	-	-	-

												NA														
						acid (PFOS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorododecane sulfonate (PFDoS)	Perfluorododecane sulfonate (PFDoS)	(13C2_PFTeDA) Isotopically Labelled Internal Recov	(13C4_PFOA) Isotopically Labelled Internal Recover	Extracted ISTD 18O2 PFHxS	Post-Sum PFOS and PFHXS	Scheduled chemicals (NSW Waste 2008)	Extracted ISTD 13C3 PFPeA	Extracted ISTD 13C2 PFDA	Mass of test sample	Mass of test sample (filtered)	Solids Leachate pH (post rolling) (filtered)	TOTAL VOCS	Perfluorooctane sulfonamide (FOSA)	N-Methyl	
						µg/L	mg/kg	µg/L	µg/L	µg/kg	%	%	%	µg/L	mg/kg	%	%	g	g	pH Unit	pH units	mg/kg	mg/kg	µg/L	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	4,700	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	6,800	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	7,400	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	5,400	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	8,900	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		7.5	22/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		13.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	<14	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1	27/03/2019	214487	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		3.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		4.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	4,800	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	6,400	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	4,300	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	5,200	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

												NA															
						acid (PFOS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorododecane sulfonate (PFDoS)	Perfluorododecane sulfonate (PFDoS)	(13C2_PFTeDA) Isotopically Labelled Internal Recov	(13C4_PFOA) Isotopically Labelled Internal Recover	Extracted ISTD 18O2 PFHxS	Post-Sum PFOS and PFHXS	Scheduled chemicals (NSW Waste 2008)	Extracted ISTD 13C3 PFPeA	Extracted ISTD 13C2 PFDA	Mass of test sample	Mass of test sample (filtered)	Solids Leachate pH (post rolling) (filtered)	TOTAL VOCS	Perfluorooctane sulfonamide (FOSA)	N-Methyl	
						µg/L	mg/kg	µg/L	µg/L	µg/kg	%	%	%	µg/L	mg/kg	%	%	g	g	pH Unit	pH units	mg/kg	mg/kg	µg/L	mg/kg
		11.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		12.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		14.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		16.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	<4.3	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	<3.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	-	<0.0002	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	<0.001	-	<0.001
		1 - 1.1	10/12/2018	207802	Normal	-	<0.0002	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	<0.001	-	<0.001
		1.4 - 1.4	10/12/2018	207802	Normal	-	<0.0002	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	<0.001	-	<0.001
		2.5 - 2.6	10/12/2018	207802	Normal	-	<0.0002	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	<0.001	-	<0.001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	6,500	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	-	<0.0002	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	<0.001	-	<0.001
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	3,600	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	-	<0.0002	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	<0.001	-	<0.001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	-	<0.0002	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	<0.001	-	<0.001
				207802-B	Normal	0.06	-	<0.02	-	-	93	98	118	-	-	98	71	-	-	-	-	-	-	<0.1	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	8,000	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	-	<0.0002	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	<0.001	-	<0.001
		11 - 11.5	12/12/2018	208342	Normal	-	<0.0002	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	<0.001	-	<0.001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	2,900	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	-	<0.0004	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	<0.002	-	<0.002
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	3,700	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	-	<0.0002	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	<0.001	-	<0.001
	SG-EH-102	0.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		1.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	<2.3	-	-	-	-	-	-	-	-	-	-

											NA													
						acid (PFOS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorododecane sulfonate (PFDoS)	Perfluorododecane sulfonate (PFDoS)	(13C2_PFTeDA) Isotopically Labelled Internal Recov	(13C4_PFOA) Isotopically Labelled Internal Recover	Extracted ISTD 18O2 PFHxS	Post-Sum PFOS and PFHXS	Scheduled chemicals (NSW Waste 2008)	Extracted ISTD 13C3 PFPeA	Extracted ISTD 13C2 PFDA	Mass of test sample	Mass of test sample (filtered)	Solids Leachate pH (post rolling) (filtered)	TOTAL VOCS	Perfluorooctane sulfonamide (FOSA)	N-Methyl	
						µg/L	mg/kg	µg/L	µg/L	µg/kg	%	%	%	µg/L	mg/kg	%	%	g	g	pH Unit	pH units	mg/kg	mg/kg	µg/L	mg/kg
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	4.9	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
		2.5 - 2.6	18/07/2019	SE195628	Normal	-	<0.0032	-	-	<3.2	-	-	-	0.030	-	-	-	-	-	-	-	-	<0.0032	-	<0.016
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	13	5.0	-	-	-	-	-
				SE195628B	Normal	0.042	-	<0.002	<0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.008	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	4.8	-	-	-	-
		2	15/07/2019	SE195454	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	5.0	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	-	<0.0032	-	<0.016
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	13	5.0	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	-	<0.0032	-	<0.016
		0.7 - 0.8	15/07/2019	SE195454	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	-	<0.0032	-	<0.016
		2 - 2.1	15/07/2019	SE195454	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	-	<0.0032	-	<0.016
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
		1	2/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
		2 - 2.1	18/07/2019	SE195628	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	-	<0.0032	-	<0.016
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
		1	3/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
		2.3 - 2.5	30/07/2019	SE196128	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	-	<0.0032	-	<0.016
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
		1.5	1/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
		2	1/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	0.0082	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	13	5.0	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
		1	1/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
		2	2/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	5.0	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	<24	<0.0032	-	<0.016
		2	10/07/2019	SE195454	Normal	-	<0.0032	-	-	<3.2	-	-	-	<0.0032	-	-	-	-	-	-	-	-	<0.0032	-	<0.016

Statistics

Number of Results	2	35	2	1	24	1	1	1	24	174	1	1	28	7	3	4	16	35	2	35
Number of Detects	2	0	0	0	0	1	1	1	2	4	1	1	28	7	3	4	0	0	0	0
Minimum Concentration	0.042	<0.0002	<0.002	<0.002	<3.2	93	98	118	<0.0032	<2.3	98	71	2,900	13	5	4.8	<24	<0.001	<0.008	<0.001
Minimum Detect	0.042	ND	ND	ND	ND	93	98	118	0.0082	2.4	98	71	2,900	13	5	4.8	ND	ND	ND	ND
Maximum Concentration	0.06	<0.0032	<0.02	<0.002	<3.2	93	98	118	0.03	<14	98	71	8,900	25	5	5	<24	<0.0032	<0.1	<0.016
Maximum Detect	0.06	ND	ND	ND	ND	93	98	118	0.03	3.1	98	71	8,900	25	5	5	ND	ND	ND	ND
Average Concentration *	0.051	0.0011	0.0055		1.6				0.0031	1.4			5,375	20	5	4.9	12	0.0013	0.027	0.0057
Geometric Average *	0.05	0.00068	0.0032	0.001	1.6	93	98	118	0.0019	1.2	98	71	5,119	19	5	4.9	12	0.0011	0.014	0.0034
Median Concentration *	0.051	0.0016	0.0055	0.001	1.6	93	98	118	0.0016	1.15	98	71	4,800	25	5	4.95	12	0.0016	0.027	0.008
Standard Deviation *	0.013	0.0007	0.0064		0				0.0059	1			1,741	6.4	0	0.096	0	0.0005	0.033	0.0035
Geometric Standard Deviation *	1.3	3.6	5.1		1				2	1.4			1.4	1.4	1	1	1	1.7	6	3.6

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

						Perfluoroalkyl Sulfonamides											(n:2) Fluorotelomer Sulfonic Acids								
						perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)		N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)		N-Ethyl perfluorooctane sulfonamide (EtFOSA)		N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)		N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)		6:2 Fluorotelomer sulfonic acid (6:2 FTS)_		8:2 Fluorotelomer sulfonic acid (8:2 FTS)_		10:2 Fluorotelomer sulfonic acid (10:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum of PFHxS and PFOS
						µg/L	mg/kg	µg/L	µg/L	µg/kg	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/kg
EQL						0.01	0.0002	0.01	0.01	1	0.001	0.01	0.0002	0.01	0.005	0.01	0.0001	0.002	0.0001	0.002	0.0001	0.002	0.01	0.0001	0.0032
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																									
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																									
0-1m																									
1-2m																									
2-4m																									
>=4m																									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																									
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																									
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																									
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1 - 1.1	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW8	0.05	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	4/12/2018	207349	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.4 - 8.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Perfluoroalkyl Sulfonamides											(n:2) Fluorotelomer Sulfonic Acids								
						perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)		N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)		N-Ethyl perfluorooctane sulfonamide (EtFOSA)		N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)		N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)		6:2 Fluorotelomer sulfonic acid (6:2 FTS)_		8:2 Fluorotelomer sulfonic acid (8:2 FTS)_		10:2 Fluorotelomer sulfonic acid (10:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum of PFHxS and PFOS
						µg/L	mg/kg	µg/L	µg/L	µg/kg	mg/kg	µg/L	µg/L	mg/kg	µg/L	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 6.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.5 - 13.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.5 - 17.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-102	0.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Perfluoroalkyl Sulfonamides											(n:2) Fluorotelomer Sulfonic Acids								
						perfluorooctane sulfonamide (MeFOSA)		N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)		N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)		N-Ethyl perfluorooctane sulfonamide (EtFOSA)		N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)		N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)		6:2 Fluorotelomer sulfonic acid (6:2 FTS)		8:2 Fluorotelomer sulfonic acid (8:2 FTS)		10:2 Fluorotelomer sulfonic acid (10:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum of PFHxS and PFOS
						µg/L	mg/kg	µg/L	µg/L	µg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	µg/L	mg/kg	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.2 - 4.3	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Perfluoroalkyl Sulfonamides											(n:2) Fluorotelomer Sulfonic Acids								
						perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)		N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)		N-Ethyl perfluorooctane sulfonamide (EtFOSA)		N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)		N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)		6:2 Fluorotelomer sulfonic acid (6:2 FTS)_		8:2 Fluorotelomer sulfonic acid (8:2 FTS)_		10:2 Fluorotelomer sulfonic acid (10:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum of PFHxS and PFOS
						µg/L	mg/kg	µg/L	µg/L	µg/kg	mg/kg	µg/L	µg/L	mg/kg	µg/L	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	22/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	27/03/2019	214487	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Perfluoroalkyl Sulfonamides											(n:2) Fluorotelomer Sulfonic Acids								
						Perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)		N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)		N-Ethyl perfluorooctane sulfonamide (EtFOSA)		N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)		N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)		6:2 Fluorotelomer sulfonic acid (6:2 FTS)_		8:2 Fluorotelomer sulfonic acid (8:2 FTS)_		10:2 Fluorotelomer sulfonic acid (10:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum of PFHxS and PFOS
						µg/L	mg/kg	µg/L	µg/L	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/kg
		11.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001	-	-	<0.0001	0.0013
		1 - 1.1	10/12/2018	207802	Normal	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001	-	-	<0.0001	0.0013
		1.4 - 1.4	10/12/2018	207802	Normal	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001	-	-	<0.0001	0.0013
		2.5 - 2.6	10/12/2018	207802	Normal	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001	-	-	<0.0001	0.0008
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001	-	-	<0.0001	0.0007
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001	-	-	<0.0001	0.0035
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001	-	-	<0.0001	0.0051
				207802-B	Normal	<0.05	-	<0.02	<0.05	-	-	<0.1	-	<0.02	-	<0.5	-	<0.01	-	<0.01	-	<0.01	<0.01	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	-	<0.0002	-	-	<1	<0.001	-	0.0008	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001	-	-	<0.0001	0.0006
		11 - 11.5	12/12/2018	208342	Normal	-	<0.0002	-	-	<1	<0.001	-	0.001	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001	-	-	<0.0001	0.0025
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	-	<0.0004	-	-	<2	<0.002	-	<0.0004	-	<0.01	-	<0.0002	-	<0.0002	-	<0.0002	-	-	<0.0002	0.0016
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001	-	-	<0.0001	<0.0002
	SG-EH-102	0.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Perfluoroalkyl Sulfonamides											(n:2) Fluorotelomer Sulfonic Acids								
						perfluorooctane sulfonamide (MeFOSA)	N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)		N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)		N-Ethyl perfluorooctane sulfonamide (EtFOSA)		N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)		N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)		6:2 Fluorotelomer sulfonic acid (6:2 FTS)		8:2 Fluorotelomer sulfonic acid (8:2 FTS)		10:2 Fluorotelomer sulfonic acid (10:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum of PFHxS and PFOS
						µg/L	mg/kg	µg/L	µg/L	µg/kg	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/kg
Sydney Gateway Golder	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		2.5 - 2.6	18/07/2019	SE195628	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	0.032
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	<0.01	-	<0.01	<0.01	-	-	<0.01	-	<0.01	-	<0.01	-	<0.002	-	<0.002	-	<0.002	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		0.7 - 0.8	15/07/2019	SE195454	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		2 - 2.1	15/07/2019	SE195454	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		1	2/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		2 - 2.1	18/07/2019	SE195628	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		1	3/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		2.3 - 2.5	30/07/2019	SE196128	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		1.5	1/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		2	1/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		1	1/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		2	2/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032
		2	10/07/2019	SE195454	Normal	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032	-	-	-	<0.0032

Statistics

Number of Results	2	35	2	2	35	35	2	35	2	35	2	35	2	35	2	35	2	1	11	35
Number of Detects	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	11
Minimum Concentration	<0.01	<0.0002	<0.01	<0.01	<1	<0.001	<0.01	<0.0002	<0.01	<0.005	<0.01	<0.0001	<0.002	<0.0001	<0.002	<0.0001	<0.002	<0.01	<0.0001	<0.0002
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	0.0008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0006
Maximum Concentration	<0.05	<0.016	<0.02	<0.05	<32	<0.016	<0.1	<0.016	<0.02	<0.032	<0.5	<0.0032	<0.01	<0.0032	<0.01	<0.0032	<0.01	<0.01	<0.0002	0.032
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.032
Average Concentration *	0.015	0.0055	0.0075	0.015	11	0.0057	0.028	0.0056	0.0075	0.012	0.13	0.0011	0.003	0.0011	0.003	0.0011	0.003		0.000055	0.0025
Geometric Average *	0.011	0.0021	0.0071	0.011	5.5	0.0034	0.016	0.0023	0.0071	0.0091	0.035	0.00055	0.0022	0.00055	0.0022	0.00055	0.0022	0.005	0.000053	0.0016
Median Concentration *	0.015	0.008	0.0075	0.015	16	0.008	0.0275	0.008	0.0075	0.016	0.1275	0.0016	0.003	0.0016	0.003	0.0016	0.003	0.005	0.00005	0.0016
Standard Deviation *	0.014	0.0037	0.0035	0.014	7.3	0.0035	0.032	0.0037	0.0035	0.0063	0.17	0.00073	0.0028	0.00073	0.0028	0.00073	0.0028		0.000015	0.0052
Geometric Standard Deviation *	3.1	7.7	1.6	3.1	5	3.6	5.1	6.7	1.6	2.3	16	5	3.1	5	3.1	5	3.1		1.2	2.2

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

						PFAS			PFAS TOPA															
						Sum of PFAS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	10:2 FTS (TOPA)	4:2 FTS (TOPA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorobutanoic acid (TOPA)	Perfluorodecanesulfonic acid (TOPA)	Perfluorododecane sulfonate (PFDoS) TOPA	Perfluoroheptane sulfonate (PFHpS) TOPA	Perfluorohexadecanoic acid (PFHxDA) TOPA	Perfluorohexane sulfonate (PFHxS) TOPA	Perfluorononane sulfonate (PFNS) TOPA	Perfluorooctane sulfonate (PFOS) TOPA	Perfluorooctanoic acid (PFOA) TOPA	Perfluoropentanesulfonic acid (TOPA)	Perfluoropentanoic acid (TOPA)	6:2 FTS (TOPA)
						µg/L	µg/L	µg/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	mg/kg
EQL						0.002	0.01	0.01	0.0001	0.0001	0.0002	0.0002	0.001	0.0001	0.0002	0.0032	0.0001	0.0064	0.0001	0.0032	0.0001	0.0016	0.0001	0.0002	0.0001
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																								
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																								
0-1m																								
1-2m																								
2-4m																								
>=4m																								
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																								
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																								
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																								
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																								
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																			
Sydney Gateway AECOM	GW7	0.5 - 0.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1 - 1.1	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW8	0.05	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	20/11/2018	206224	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	4/12/2018	207349	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	4/12/2018	207349	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.4 - 8.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	11/01/2019	209484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW9	0.5 - 0.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						PFAS			PFAS TOPA															
						Sum of PFAS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	10:2 FTS (TOPA)	4:2 FTS (TOPA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorobutanoic acid (TOPA)	Perfluorodecanesulfonic acid (TOPA)	Perfluorododecane sulfonate (PFDoS) TOPA	Perfluoroheptane sulfonate (PFHpS) TOPA	Perfluorohexadecanoic acid (PFHxDA) TOPA	Perfluorohexane sulfonate (PFHxS) TOPA	Perfluorononane sulfonate (PFNS) TOPA	Perfluorooctane sulfonate (PFOS) TOPA	Perfluorooctanoic acid (PFOA) TOPA	Perfluoropentanesulfonic acid (TOPA)	Perfluoropentanoic acid (TOPA)	6:2 FTS (TOPA)
						µg/L	µg/L	µg/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	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 6.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.5 - 13.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.5 - 17.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-102	0.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						PFAS			PFAS TOPA															
						Sum of PFAS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	10:2 FTS (TOPA)	4:2 FTS (TOPA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorobutanoic acid (TOPA)	Perfluorodecanesulfonic acid (TOPA)	Perfluorododecane sulfonate (PFDoS) TOPA	Perfluoroheptane sulfonate (PFHpS) TOPA	Perfluorohexadecanoic acid (PFHxDA) TOPA	Perfluorohexane sulfonate (PFHxS) TOPA	Perfluorononane sulfonate (PFNS) TOPA	Perfluorooctane sulfonate (PFOS) TOPA	Perfluorooctanoic acid (PFOA) TOPA	Perfluoropentanesulfonic acid (TOPA)	Perfluoropentanoic acid (TOPA)	6:2 FTS (TOPA)
						µg/L	µg/L	µg/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	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-104	0.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-106	1 - 1.1	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.2 - 4.3	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01	1.4 - 1.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						PFAS			PFAS TOPA															
						Sum of PFAS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	10:2 FTS (TOPA)	4:2 FTS (TOPA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorobutanoic acid (TOPA)	Perfluorodecanesulfonic acid (TOPA)	Perfluorododecane sulfonate (PFDoS) TOPA	Perfluoroheptane sulfonate (PFHpS) TOPA	Perfluorohexadecanoic acid (PFHxDA) TOPA	Perfluorohexane sulfonate (PFHxS) TOPA	Perfluorononane sulfonate (PFNS) TOPA	Perfluorooctane sulfonate (PFOS) TOPA	Perfluorooctanoic acid (PFOA) TOPA	Perfluoropentanesulfonic acid (TOPA)	Perfluoropentanoic acid (TOPA)	6:2 FTS (TOPA)
						µg/L	µg/L	µg/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	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	22/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	27/03/2019	214487	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						PFAS			PFAS TOPA															
						Sum of PFAS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	10:2 FTS (TOPA)	4:2 FTS (TOPA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorobutanoic acid (TOPA)	Perfluorodecanesulfonic acid (TOPA)	Perfluorododecane sulfonate (PFDoS) TOPA	Perfluoroheptane sulfonate (PFHpS) TOPA	Perfluorohexadecanoic acid (PFHxDA) TOPA	Perfluorohexane sulfonate (PFHxS) TOPA	Perfluorononane sulfonate (PFNS) TOPA	Perfluorooctane sulfonate (PFOS) TOPA	Perfluorooctanoic acid (PFOA) TOPA	Perfluoropentanesulfonic acid (TOPA)	Perfluoropentanoic acid (TOPA)	6:2 FTS (TOPA)
						µg/L	µg/L	µg/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	mg/kg	mg/kg
		11.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0001	<0.0002	-	<0.0001	-	<0.0001	-	0.0011	-	<0.0001	<0.0002	<0.0001
		1 - 1.1	10/12/2018	207802	Normal	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0003	<0.0002	-	<0.0001	-	0.0002	-	0.0011	-	<0.0001	<0.0002	<0.0001
		1.4 - 1.4	10/12/2018	207802	Normal	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	-	<0.0001	-	0.0001	-	0.0011	-	<0.0001	<0.0002	<0.0001
		2.5 - 2.6	10/12/2018	207802	Normal	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0001	<0.0002	-	<0.0001	-	<0.0001	-	0.0006	-	<0.0001	<0.0002	<0.0001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0001	<0.0002	-	<0.0001	-	<0.0001	-	0.0006	-	<0.0001	<0.0002	<0.0001
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0004	<0.0002	-	<0.0001	-	0.0001	-	0.0029	-	<0.0001	<0.0002	<0.0001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0004	<0.0002	-	<0.0001	-	0.0006	-	0.0041	-	<0.0001	<0.0002	<0.0001
				207802-B	Normal	0.08	0.08	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0007	<0.0002	-	<0.0001	-	<0.0001	-	0.0004	-	<0.0001	<0.0002	<0.0001
		11 - 11.5	12/12/2018	208342	Normal	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.002	<0.0002	-	<0.0001	-	0.0003	-	0.0021	-	<0.0001	<0.0002	<0.0001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	-	-	-	<0.0002	<0.0002	<0.0004	<0.0004	<0.002	<0.0002	<0.0004	-	<0.0002	-	<0.0002	-	0.0011	-	<0.0002	<0.0004	<0.0002
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0001	<0.0002	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	<0.0002	<0.0001
	SG-EH-102	0.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						PFAS			PFAS TOPA														
						Sum of PFAS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	10:2 FTS (TOPA)	4:2 FTS (TOPA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorobutanoic acid (TOPA)	Perfluorodecanesulfonic acid (TOPA)	Perfluorododecane sulfonate (PFDoS) TOPA	Perfluoroheptane sulfonate (PFHpS) TOPA	Perfluorohexadecanoic acid (PFHxDA) TOPA	Perfluorohexane sulfonate (PFHxS) TOPA	Perfluorononane sulfonate (PFNS) TOPA	Perfluorooctane sulfonate (PFOS) TOPA	Perfluorooctanoic acid (PFOA) TOPA	Perfluoropentanesulfonic acid (TOPA)	Perfluoropentanoic acid (TOPA)	6:2 FTS (TOPA)
						µg/L	µg/L	µg/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	mg/kg
Sydney Gateway Golder	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
		2.5 - 2.6	18/07/2019	SE195628	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	0.030	0.0040	<0.0032	<0.0032	<0.0032
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	0.045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
		0.7 - 0.8	15/07/2019	SE195454	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
		2 - 2.1	15/07/2019	SE195454	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
		1	2/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	0.0054	<0.0032	0.0068	<0.0032
		2 - 2.1	18/07/2019	SE195628	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
		1	3/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	0.0022	<0.0032	<0.0032	<0.0032
		2.3 - 2.5	30/07/2019	SE196128	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
		1.5	1/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	0.0045	<0.0032	<0.0032	<0.0032
		2	1/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	0.0082	<0.0016	<0.0032	<0.0032	<0.0032
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
		1	1/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
		2	2/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	0.018	<0.0032	<0.0032	<0.0032
		2	10/07/2019	SE195454	Normal	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032	<0.0016	<0.0032	<0.0032	<0.0032

Statistics

Number of Results	3	1	1	11	35	35	35	35	35	35	24	35	24	35	24	35	24	35	35	35
Number of Detects	3	1	1	0	0	0	0	0	0	0	0	0	0	5	0	12	5	0	1	0
Minimum Concentration	0.045	0.08	0.06	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0001	<0.0002	<0.0032	<0.0001	<0.0064	0.0001	<0.0032	<0.0001	<0.0016	<0.0001	<0.0002	<0.0001
Minimum Detect	0.045	0.08	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0001	ND	0.0004	0.0022	ND	0.0068	ND
Maximum Concentration	0.08	0.08	0.06	<0.0002	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	0.03	0.018	<0.0032	0.0068	<0.0032
Maximum Detect	0.08	0.08	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0006	ND	0.03	0.018	ND	0.0068	ND
Average Concentration *	0.068			0.000055	0.0011	0.0055	0.0055	0.011	0.0012	0.0011	0.0016	0.0011	0.0032	0.0011	0.0016	0.0025	0.0021	0.0011	0.0013	0.0011
Geometric Average *	0.066	0.08	0.06	0.000053	0.00055	0.0021	0.0021	0.0055	0.00072	0.00068	0.0016	0.00055	0.0032	0.00067	0.0016	0.0015	0.0012	0.00055	0.00071	0.00055
Median Concentration *	0.08	0.08	0.06	0.00005	0.0016	0.008	0.008	0.016	0.0016	0.0016	0.0016	0.0016	0.0032	0.0016	0.0016	0.0016	0.0008	0.0016	0.0016	0.0016
Standard Deviation *	0.025			0.000015	0.00073	0.0037	0.0037	0.0073	0.00067	0.0007	0	0.00073	0	0.00069	0	0.005	0.0036	0.00073	0.0012	0.00073
Geometric Standard Deviation *	1.4			1.2	5	7.7	7.7	5	3.7	3.6	1	5	1	4	1	2.5	2.3	5	3.8	5

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

	8:2 FTS (TOPA)	N-Methyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorohexanoic acid (TOPA)	Perfluoroheptanoic acid (TOPA)	Perfluorodecanoic acid (TOPA)	Perfluorododecanoic acid (TOPA)	Perfluorononanoic acid (TOPA)	Perfluorotetradecanoic acid (TOPA)	Perfluorotridecanoic acid (TOPA)	Perfluoroundecanoic acid (TOPA)	Perfluorobutanesulfonic acid (TOPA)	Perfluorooctane sulfonamide (TOPA)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.0001	0.001	0.001	0.005	0.0001	0.0001	0.0005	0.0005	0.0001	0.0032	0.0005	0.0005	0.0001	0.001
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil														
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand														
0-1m														
1-2m														
2-4m														
>=4m														
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil														
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)														
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)														
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND														
Sydney Gateway AECOM / GW7 / 0.5 - 0.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 - 1.1 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5 - 1.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5 - 2.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5 - 3.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.5 - 4.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5 - 5.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.5 - 6.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.5 - 7.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.5 - 8.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.5 - 10.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.5 - 11.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.5 - 12.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.5 - 14.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15.5 - 15.6 / 22/03/2019 / 214100 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GW8 / 0.05 / 20/11/2018 / 206224 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20/11/2018 / 206224 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.5 / 20/11/2018 / 206224 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5 / 20/11/2018 / 206224 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5 / 20/11/2018 / 206224 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5 / 20/11/2018 / 206224 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.5 / 20/11/2018 / 206224 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5 / 20/11/2018 / 206224 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.5 - 6.6 / 4/12/2018 / 207349 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.5 - 7.6 / 4/12/2018 / 207349 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.4 - 8.5 / 11/01/2019 / 209484 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/01/2019 / 209484 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.4 - 9.5 / 11/01/2019 / 209484 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.4 - 11.5 / 11/01/2019 / 209484 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.4 - 13.5 / 11/01/2019 / 209484 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15.4 - 15.5 / 11/01/2019 / 209484 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/01/2019 / 209484 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.4 - 17.5 / 11/01/2019 / 209484 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GW9 / 0.5 - 0.6 / 17/12/2018 / 208433 / Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						8:2 FTS (TOPA)	N-Methyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorohexanoic acid (TOPA)	Perfluoroheptanoic acid (TOPA)	Perfluorodecanoic acid (TOPA)	Perfluorododecanoic acid (TOPA)	Perfluorononanoic acid (TOPA)	Perfluorotetradecanoic acid (TOPA)	Perfluorotridecanoic acid (TOPA)	Perfluoroundecanoic acid (TOPA)	Perfluorobutanesulfonic acid (TOPA)	Perfluorooctane sulfonamide (TOPA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1.5 - 1.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 6.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
			17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.5 - 13.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5 - 15.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.5 - 17.6	17/12/2018	208433	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW17d	2.5 - 4	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 7	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				212550-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7 - 8.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 10	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	1/03/2019	212550	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW23d	0.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
			6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4	6/12/2018	207583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
	GW28A	1.5 - 4.5	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.6 - 2	12/03/2019	213387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 13.5	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.5 - 18	22/03/2019	214100	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-101	0.05	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	9/11/2018	205272	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-102	0.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	20/11/2018	206225	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-103	0.5 - 0.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-

						8:2 FTS (TOPA)	N-Methyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorohexanoic acid (TOPA)	Perfluoroheptanoic acid (TOPA)	Perfluorodecanoic acid (TOPA)	Perfluorododecanoic acid (TOPA)	Perfluorononanoic acid (TOPA)	Perfluorotetradecanoic acid (TOPA)	Perfluorotridecanoic acid (TOPA)	Perfluoroundecanoic acid (TOPA)	Perfluorobutanesulfonic acid (TOPA)	Perfluorooctane sulfonamide (TOPA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		1 - 1.1	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 3.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 9.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5 - 8.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10 - 11.5	29/11/2018	207004	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 10.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
			29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 12.6	29/11/2018	207002	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-BH-104		0.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3 - 6	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	15/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 10	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
			16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5 - 12	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5	16/01/2019	209952	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-BH-106		1 - 1.1	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.2 - 4.3	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	18/12/2018	208548	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-BHTT-01		1.4 - 1.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3 - 6	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						8:2 FTS (TOPA)	N-Methyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorohexanoic acid (TOPA)	Perfluoroheptanoic acid (TOPA)	Perfluorodecanoic acid (TOPA)	Perfluorododecanoic acid (TOPA)	Perfluorononanoic acid (TOPA)	Perfluorotetradecanoic acid (TOPA)	Perfluorotridecanoic acid (TOPA)	Perfluoroundecanoic acid (TOPA)	Perfluorobutanesulfonic acid (TOPA)	Perfluorooctane sulfonamide (TOPA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		3.4 - 3.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	9/01/2019	209271	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 9	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.4 - 6.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 12	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.4 - 10.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.4 - 11.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12 - 13	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13 - 15	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.4 - 13.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5 - 14.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.4 - 15.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.4 - 16.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		17.4 - 17.5	10/01/2019	209351	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-01sv	0.05 - 0.15	26/02/2019	212447	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5 - 0.6	26/02/2019	212447	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-02	0.5 - 0.6	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.4 - 1.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.4 - 2.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.4 - 4.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	14/01/2019	209478	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5	22/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		13.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		15.5	23/01/2019	210301	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-03	0.5	27/03/2019	214487	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1	27/03/2019	214487	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 6	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6 - 7.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 9	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9 - 10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		10.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-

						8:2 FTS (TOPA)	N-Methyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorohexanoic acid (TOPA)	Perfluoroheptanoic acid (TOPA)	Perfluorodecanoic acid (TOPA)	Perfluorododecanoic acid (TOPA)	Perfluorononanoic acid (TOPA)	Perfluorotetradecanoic acid (TOPA)	Perfluorotridecanoic acid (TOPA)	Perfluoroundecanoic acid (TOPA)	Perfluorobutanesulfonic acid (TOPA)	Perfluorooctane sulfonamide (TOPA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		11.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		16.5	28/03/2019	214612	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-04	0.5 - 0.6	4/03/2019	212668	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4.5 - 4.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.5 - 5.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		6.5 - 6.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		7.5 - 7.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.5 - 9.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		11.5 - 11.6	5/03/2019	212776	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
		1 - 1.1	10/12/2018	207802	Normal	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
		1.4 - 1.4	10/12/2018	207802	Normal	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
		2.5 - 2.6	10/12/2018	207802	Normal	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	<0.0001	<0.001	<0.001	<0.005	0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	<0.0001	<0.001	<0.001	<0.005	<0.0001	0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
		11 - 11.5	12/12/2018	208342	Normal	<0.0001	<0.001	<0.001	<0.005	0.0001	0.0002	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	<0.0002	<0.002	<0.002	<0.01	<0.0002	<0.0002	<0.001	<0.001	<0.0002	<0.01	<0.001	<0.001	<0.0002	<0.002
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
	SG-EH-102	0.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5	4/03/2019	212671	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-EH-109	0.5 - 0.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206919	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-EH-111	0.5 - 0.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5 - 1.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 2.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5 - 3.6	26/11/2018	206917	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						8:2 FTS (TOPA)	N-Methyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorohexanoic acid (TOPA)	Perfluoroheptanoic acid (TOPA)	Perfluorodecanoic acid (TOPA)	Perfluorododecanoic acid (TOPA)	Perfluorononanoic acid (TOPA)	Perfluorotetradecanoic acid (TOPA)	Perfluorotridecanoic acid (TOPA)	Perfluoroundecanoic acid (TOPA)	Perfluorobutanesulfonic acid (TOPA)	Perfluorooctane sulfonamide (TOPA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2.5 - 2.6	18/07/2019	SE195628	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		0.7 - 0.8	15/07/2019	SE195454	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2 - 2.1	15/07/2019	SE195454	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		1	2/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2 - 2.1	18/07/2019	SE195628	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		1	3/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2.3 - 2.5	30/07/2019	SE196128	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		1.5	1/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	0.0034	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2	1/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		1	1/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2	2/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2	10/07/2019	SE195454	Normal	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032

Statistics

Number of Results	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Number of Detects	0	0	0	0	2	2	0	0	1	0	0	0	0	0
Minimum Concentration	<0.0001	<0.001	<0.001	<0.005	0.0001	0.0001	<0.0005	<0.0005	<0.0001	<0.0032	<0.0005	<0.0005	<0.0001	<0.001
Minimum Detect	ND	ND	ND	ND	0.0001	0.0001	ND	ND	0.0034	ND	ND	ND	ND	ND
Maximum Concentration	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	0.0034	<0.01	<0.0032	<0.0032	<0.0032	<0.0032
Maximum Detect	ND	ND	ND	ND	0.0001	0.0002	ND	ND	0.0034	ND	ND	ND	ND	ND
Average Concentration *	0.0011	0.0057	0.0057	0.012	0.0011	0.0011	0.0012	0.0012	0.0012	0.002	0.0012	0.0012	0.0011	0.0013
Geometric Average *	0.00055	0.0034	0.0034	0.0091	0.00057	0.00058	0.00091	0.00091	0.00056	0.0019	0.00091	0.00091	0.00055	0.0011
Median Concentration *	0.0016	0.008	0.008	0.016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016
Standard Deviation *	0.00073	0.0035	0.0035	0.0063	0.00072	0.00072	0.00063	0.00063	0.00082	0.00067	0.00063	0.00063	0.00073	0.0005
Geometric Standard Deviation *	5	3.6	3.6	2.3	4.7	4.6	2.3	2.3	5.1	1.3	2.3	2.3	5	1.7

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNS

						Perfluoroalkane Carboxylic Acids																	
						Perfluorobutanoic acid (PFBA)		Perfluorohexanoic acid (PFHxA)		Perfluoropentanoic acid (PFPeA)		Perfluoroheptanoic acid (PFHpA)		Perfluorooctanoic acid (PFOA)		Perfluorodecanoic acid (PFDA)		Perfluorododecanoic acid (PFDoDA)		Perfluorononanoic acid (PFNA)		Perfluorotetradecanoic acid (PFTeDA)		Perfluorotridecanoic acid (PFTrDA)	
						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						0.0002	0.002	0.0001	0.002	0.0002	0.002	0.0001	0.002	0.0001	0.001	0.0005	0.004	0.0005	0.004	0.0001	0.004	0.0032	0.004	0.0005	0.004
PFAS NEMP 2020 Table 2 Health Industrial/Commercial														50											
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-	<0.005	-	<0.0005	-
AECOM		1 - 1.1	10/12/2018	207802	Normal	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-	<0.005	-	<0.0005	-
		1.4 - 1.4	10/12/2018	207802	Normal	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-	<0.005	-	<0.0005	-
		2.5 - 2.6	10/12/2018	207802	Normal	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-	<0.005	-	<0.0005	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-	<0.005	-	<0.0005	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-	<0.005	-	<0.0005	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	0.0002	-	<0.0005	-	<0.0005	-	<0.0001	-	<0.005	-	<0.0005	-
				207802-B	Normal	-	<0.02	-	<0.01	-	<0.02	-	<0.01	-	<0.01	-	<0.02	-	<0.05	-	<0.01	-	<0.5	-	<0.1
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	0.0003	-	<0.0005	-	<0.0005	-	<0.0001	-	<0.005	-	<0.0005	-
		11 - 11.5	12/12/2018	208342	Normal	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	0.0015	-	<0.0005	-	<0.0005	-	<0.0001	-	<0.005	-	<0.0005	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	<0.0004	-	<0.0002	-	<0.0004	-	<0.0002	-	<0.0002	-	<0.001	-	<0.001	-	<0.0002	-	<0.01	-	<0.001	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<0.0002	-	<0.0001	-	<0.0002	-	<0.0001	-	<0.0001	-	<0.0005	-	<0.0005	-	<0.0001	-	<0.005	-	<0.0005	-
Sydney Gateway	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
Golder						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		2.5 - 2.6	18/07/2019	SE195628	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	0.0056	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	<0.002	-	<0.002	-	<0.002	-	<0.002	-	0.006	-	<0.004	-	<0.004	-	<0.004	-	<0.004	-	<0.004
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		0.7 - 0.8	15/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		2 - 2.1	15/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		1	2/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		2 - 2.1	18/07/2019	SE195628	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		1	3/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		2.3 - 2.5	30/07/2019	SE196128	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		1.5	1/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		2	1/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-

						Perfluoroalkane Carboxylic Acids															
						Perfluorobutanoic acid (PFBA)		Perfluorohexanoic acid (PFHxA)		Perfluoropentanoic acid (PFPeA)		Perfluoroheptanoic acid (PFHpA)		Perfluorooctanoic acid (PFOA)		Perfluorodecanoic acid (PFDA)		Perfluorododecanoic acid (PFDoDA)		Perfluorononanoic acid (PFNA)		Perfluorotetradecanoic acid (PFTeDA)		Perfluorotridecanoic acid (PFTrDA)	
						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						0.0002	0.002	0.0001	0.002	0.0002	0.002	0.0001	0.002	0.0001	0.001	0.0005	0.004	0.0005	0.004	0.0001	0.004	0.0032	0.004	0.0005	0.004
PFAS NEMP 2020 Table 2 Health Industrial/Commercial														50											
		1	1/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		2	2/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-
		2	10/07/2019	SE195454	Normal	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0016	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-

Statistics

Number of Results	35	2	35	2	35	2	35	2	35	2	35	2	35	2	35	2	35	2	35	2
Number of Detects	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.0002	<0.002	<0.0001	<0.002	<0.0002	<0.002	<0.0001	<0.002	0.0001	0.006	<0.0005	<0.004	<0.0005	<0.004	<0.0001	<0.004	<0.0032	<0.004	<0.0005	<0.004
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	0.0001	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.0032	<0.02	<0.0032	<0.01	<0.0032	<0.02	<0.0032	<0.01	0.0056	<0.01	<0.0032	<0.02	<0.0032	<0.05	<0.0032	<0.01	<0.01	<0.5	<0.0032	<0.1
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	0.0056	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration *	0.0011	0.0055	0.0011	0.003	0.0011	0.0055	0.0011	0.003	0.00076	0.0055	0.0012	0.006	0.0012	0.014	0.0011	0.0035	0.002	0.13	0.0012	0.026
Geometric Average *	0.00068	0.0032	0.00055	0.0022	0.00068	0.0032	0.00055	0.0022	0.00044	0.0055	0.00091	0.0045	0.00091	0.0071	0.00055	0.0032	0.0019	0.022	0.00091	0.01
Median Concentration *	0.0016	0.0055	0.0016	0.003	0.0016	0.0055	0.0016	0.003	0.0008	0.0055	0.0016	0.006	0.0016	0.0135	0.0016	0.0035	0.0016	0.126	0.0016	0.026
Standard Deviation *	0.0007	0.0064	0.00073	0.0028	0.0007	0.0064	0.00073	0.0028	0.00091	0.00071	0.00063	0.0057	0.00063	0.016	0.00073	0.0021	0.00067	0.18	0.00063	0.034
Geometric Standard Deviation *	3.6	5.1	5	3.1	3.6	5.1	5	3.1	3.4	1.1	2.3	3.1	2.3	6	5	1.9	1.3	30	2.3	9.7

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from TfNSW. WSP did not enter the results into the database and is therefore not responsible for potential transcription errors.

						Perfluoroalkane Sulfonic Acids															
						Perfluoroundecanoic acid (PFUnDA)		Perfluorohexadecanoic acid (PFHxDA)	Perfluorohexadecanoic acid (PFHxDA)	Perfluorobutane sulfonate (PFBS)	Perfluorononanesulfonic acid (PFNS)	Perfluorobutane sulfonic acid (PFBS)	Perfluoropentane sulfonic acid (PFPeS)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctane sulfonic acid (PFOS)	Perfluorodecane sulfonic acid (PFDS)	Perfluorododecane sulfonate (PFDoS)			
						mg/kg	µg/L	mg/kg	µg/L	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	µg/L
EQL						0.0005	0.004	0.0064	0.008	0.004	0.0032	0.002	0.0001	0.01	0.0001	0.004	0.0001	0.002	0.0001	0.002	0.0001	0.002	0.0002	0.002	0.002
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																									
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway AECOM	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	0.0012	-	<0.0002	-	-
		1 - 1.1	10/12/2018	207802	Normal	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	0.0001	-	<0.0001	-	0.0009	-	<0.0002	-	-
		1.4 - 1.4	10/12/2018	207802	Normal	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	0.0001	-	<0.0001	-	0.0012	-	<0.0002	-	-
		2.5 - 2.6	10/12/2018	207802	Normal	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	0.0007	-	<0.0002	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	0.0006	-	<0.0002	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	0.0034	-	<0.0002	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	0.0006	-	<0.0001	-	0.0045	-	<0.0002	-	-
				207802-B	Normal	-	<0.02	-	-	-	-	-	-	<0.01	-	<0.01	-	0.02	-	<0.01	-	0.06	-	<0.02	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	0.0005	-	<0.0002	-	-
		11 - 11.5	12/12/2018	208342	Normal	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	0.0003	-	<0.0001	-	0.0022	-	<0.0002	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	<0.001	-	-	-	-	-	-	<0.0002	-	<0.0002	-	<0.0002	-	<0.0002	-	0.0014	-	<0.0004	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	<0.0005	-	-	-	-	-	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0001	-	<0.0002	-	-
Sydney Gateway Golder	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		2.5 - 2.6	18/07/2019	SE195628	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	0.032	-	<0.0032	-	-
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	<0.004	-	<0.008	<0.004	-	<0.002	-	-	-	<0.004	-	0.003	-	<0.002	-	0.042	-	<0.002	<0.002
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		0.7 - 0.8	15/07/2019	SE195454	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		2 - 2.1	15/07/2019	SE195454	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		1	2/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		2 - 2.1	18/07/2019	SE195628	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		1	3/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		2.3 - 2.5	30/07/2019	SE196128	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		1.5	1/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		2	1/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-

							Perfluoroalkane Sulfonic Acids															
						Perfluoroundecanoic acid (PFUnDA)		Perfluorohexadecanoic acid (PFHxDA)	Perfluorohexadecanoic acid (PFHxDA)	Perfluorobutane sulfonate (PFBS)	Perfluorononanesulfonic acid (PFNS)		Perfluorobutane sulfonic acid (PFBS)		Perfluoropentane sulfonic acid (PFPeS)		Perfluorohexane sulfonic acid (PHxS)		Perfluoroheptane sulfonic acid (PHpS)		Perfluorooctane sulfonic acid (PFOS)		Perfluorodecane sulfonic acid (PFDS)		Perfluorododecane sulfonate (PFDoS)
						mg/kg	µg/L	mg/kg	µg/L	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	µg/L
EQL						0.0005	0.004	0.0064	0.008	0.004	0.0032	0.002	0.0001	0.01	0.0001	0.004	0.0001	0.002	0.0001	0.002	0.0001	0.002	0.0002	0.002	0.002
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																									
		1	1/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		2	2/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-
		2	10/07/2019	SE195454	Normal	<0.0032	-	<0.0064	-	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	<0.0032	-	-

Statistics

Number of Results	35	2	24	1	1	24	1	35	1	35	2	35	2	35	2	35	2	35	2	35	2	1
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	11	2	0	0	0	0	0
Minimum Concentration	<0.0005	<0.004	<0.0064	<0.008	<0.004	<0.0032	<0.002	<0.0001	<0.01	<0.0001	<0.004	0.0001	0.003	<0.0001	<0.002	<0.0001	0.042	<0.0002	<0.002	<0.002	<0.002
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0001	0.003	ND	ND	0.0005	0.042	ND	ND	ND	ND
Maximum Concentration	<0.0032	<0.02	<0.0064	<0.008	<0.004	<0.0032	<0.002	<0.0032	<0.01	<0.0032	<0.01	<0.0032	0.02	<0.0032	<0.01	0.032	0.06	<0.0032	<0.02	<0.002	
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0006	0.02	ND	ND	0.032	0.06	ND	ND	ND	
Average Concentration *	0.0012	0.006	0.0032			0.0016		0.0011		0.0011	0.0035	0.0011	0.012	0.0011	0.003	0.0024	0.051	0.0011	0.0055		
Geometric Average *	0.00091	0.0045	0.0032	0.004	0.002	0.0016	0.001	0.00055	0.005	0.00055	0.0032	0.00065	0.0077	0.00055	0.0022	0.0015	0.05	0.00068	0.0032	0.001	
Median Concentration *	0.0016	0.006	0.0032	0.004	0.002	0.0016	0.001	0.0016	0.005	0.0016	0.0035	0.0016	0.0115	0.0016	0.003	0.0016	0.051	0.0016	0.0055	0.001	
Standard Deviation *	0.00063	0.0057	0			0		0.00073		0.00073	0.0021	0.0007	0.012	0.00073	0.0028	0.0052	0.013	0.0007	0.0064		
Geometric Standard Deviation *	2.3	3.1	1			1		5		5	1.9	4.2	3.8	5	3.1	2.4	1.3	3.6	5.1		

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from

						Perfluoroalkyl Sulfonamides														(n:2) Fluorotelomer Sulfonic A				
						Perfluorododecane sulfonate (PFDoS)	Perfluorooctane sulfonamide (FOSA)		N-Methyl perfluorooctane sulfonamide (MeFOSA)		N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)		N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)		N-Ethyl perfluorooctane sulfonamide (EtFOSA)		N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)		N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)		6:2 Fluorotelomer sulfonic acid (6:2 FTS)_		8:2 Fluorotelomer
						µg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	µg/L	µg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg
EQL						3.2	0.001	0.008	0.001	0.01	0.0002	0.01	0.01	1	0.001	0.01	0.0002	0.01	0.005	0.01	0.0001	0.002	0.0001	0.002	0.0001
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																									
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway AECOM	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	-	<0.001	-	<0.001	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001
		1 - 1.1	10/12/2018	207802	Normal	-	<0.001	-	<0.001	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001
		1.4 - 1.4	10/12/2018	207802	Normal	-	<0.001	-	<0.001	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001
		2.5 - 2.6	10/12/2018	207802	Normal	-	<0.001	-	<0.001	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	-	<0.001	-	<0.001	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	-	<0.001	-	<0.001	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	-	<0.001	-	<0.001	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001
				207802-B	Normal	-	-	<0.1	-	<0.05	-	<0.02	<0.05	-	-	<0.1	-	<0.02	-	<0.5	-	<0.01	-	<0.01	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	-	<0.001	-	<0.001	-	<0.0002	-	-	<1	<0.001	-	0.0008	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001
		11 - 11.5	12/12/2018	208342	Normal	-	<0.001	-	<0.001	-	<0.0002	-	-	<1	<0.001	-	0.001	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	-	<0.002	-	<0.002	-	<0.0004	-	-	<2	<0.002	-	<0.0004	-	<0.01	-	<0.0002	-	<0.0002	-	<0.0002
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	-	<0.001	-	<0.001	-	<0.0002	-	-	<1	<0.001	-	<0.0002	-	<0.005	-	<0.0001	-	<0.0001	-	<0.0001
Sydney Gateway Golder	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		2.5 - 2.6	18/07/2019	SE195628	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	<0.008	-	<0.01	-	<0.01	<0.01	-	-	<0.01	-	<0.01	-	<0.01	-	<0.002	-	<0.002	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		0.7 - 0.8	15/07/2019	SE195454	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		2 - 2.1	15/07/2019	SE195454	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		1	2/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		2 - 2.1	18/07/2019	SE195628	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		1	3/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		2.3 - 2.5	30/07/2019	SE196128	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		1.5	1/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		2	1/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032

							Perfluoroalkyl Sulfonamides												(n:2) Fluorotelomer Sulfonic A				
						Perfluorododecane sulfonate (PFDoS)	Perfluorooctane sulfonamide (FOSA)		N-Methyl perfluorooctane sulfonamide (MeFOSA)		N-Methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA)		N-methyl perfluorooctane sulfonamidoethanol (MeFOSE)	N-Ethyl perfluorooctane sulfonamide (EtFOSA)		N-Ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA)		N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE)	4:2 Fluorotelomer sulfonic acid (4:2 FTS)		6:2 Fluorotelomer sulfonic acid (6:2 FTS)_		8:2 Fluorotelomer
						µg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	µg/L	µg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg
EQL						3.2	0.001	0.008	0.001	0.01	0.0002	0.01	0.01	1	0.001	0.01	0.0002	0.01	0.005	0.01	0.0001	0.002	0.0001	0.002	0.0001
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																									
		1	1/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		2	2/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032
		2	10/07/2019	SE195454	Normal	<3.2	<0.0032	-	<0.016	-	<0.016	-	-	<32	<0.016	-	<0.016	-	<0.032	-	<0.0032	-	<0.0032	-	<0.0032

Statistics

Number of Results	24	35	2	35	2	35	2	2	35	35	2	35	2	35	2	35	2	35	2	35
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Minimum Concentration	<3.2	<0.001	<0.008	<0.001	<0.01	<0.0002	<0.01	<0.01	<1	<0.001	<0.01	<0.0002	<0.01	<0.005	<0.01	<0.0001	<0.002	<0.0001	<0.002	<0.0001
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0008	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<3.2	<0.0032	<0.1	<0.016	<0.05	<0.016	<0.02	<0.05	<32	<0.016	<0.1	<0.016	<0.02	<0.032	<0.5	<0.0032	<0.01	<0.0032	<0.01	<0.0032
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration *	1.6	0.0013	0.027	0.0057	0.015	0.0055	0.0075	0.015	11	0.0057	0.028	0.0056	0.0075	0.012	0.13	0.0011	0.003	0.0011	0.003	0.0011
Geometric Average *	1.6	0.0011	0.014	0.0034	0.011	0.0021	0.0071	0.011	5.5	0.0034	0.016	0.0023	0.0071	0.0091	0.035	0.00055	0.0022	0.00055	0.0022	0.00055
Median Concentration *	1.6	0.0016	0.027	0.008	0.015	0.008	0.0075	0.015	16	0.008	0.0275	0.008	0.0075	0.016	0.1275	0.0016	0.003	0.0016	0.003	0.0016
Standard Deviation *	0	0.0005	0.033	0.0035	0.014	0.0037	0.0035	0.014	7.3	0.0035	0.032	0.0037	0.0035	0.0063	0.17	0.00073	0.0028	0.00073	0.0028	0.00073
Geometric Standard Deviation *	1	1.7	6	3.6	3.1	7.7	1.6	3.1	5	3.6	5.1	6.7	1.6	2.3	16	5	3.1	5	3.1	5

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from

						Acids			PFAS																
						sulfonic acid (8:2 FTS)_	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum of PFHxS and PFOS		Sum of PFAS	Sum of PFAS (PFOS + PFOA)	10:2 FTS (TOPA)	4:2 FTS (TOPA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorobutanoic acid (TOPA)	Perfluorodecanesulfonic acid (TOPA)	Perfluorododecane sulfonate (PFDoS) TOPA	Perfluoroheptane sulfonate (PFHpS) TOPA	Perfluorohexadecanoic acid (PFHxDA) TOPA	Perfluorohexane sulfonate (PFHxS) TOPA	Perfluorononane sulfonate (PFNS) TOPA	Perfluorooctane sulfonate (PFOS) TOPA
						µg/L	µg/L	mg/kg	mg/kg	µg/L	µg/L	µg/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
EQL						0.002	0.01	0.0001	0.0032	0.002	0.01	0.01	0.0001	0.0001	0.0002	0.0002	0.001	0.0001	0.0002	0.0032	0.0001	0.0064	0.0001	0.0032	0.0001
PFAS NEMP 2020 Table 2 Health Industrial/Commercial									20																
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																				
Sydney Gateway AECOM	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	-	-	<0.0001	0.0013	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0001	<0.0002	-	<0.0001	-	<0.0001	-	0.0011
		1 - 1.1	10/12/2018	207802	Normal	-	-	<0.0001	0.0013	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0003	<0.0002	-	<0.0001	-	0.0002	-	0.0011
		1.4 - 1.4	10/12/2018	207802	Normal	-	-	<0.0001	0.0013	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0002	<0.0002	-	<0.0001	-	0.0001	-	0.0011
		2.5 - 2.6	10/12/2018	207802	Normal	-	-	<0.0001	0.0008	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0001	<0.0002	-	<0.0001	-	<0.0001	-	0.0006
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	-	-	<0.0001	0.0007	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0001	<0.0002	-	<0.0001	-	<0.0001	-	0.0006
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	-	-	<0.0001	0.0035	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0004	<0.0002	-	<0.0001	-	0.0001	-	0.0029
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	-	-	<0.0001	0.0051	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0004	<0.0002	-	<0.0001	-	0.0006	-	0.0041
				207802-B	Normal	<0.01	<0.01	-	-	0.08	0.08	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	-	-	<0.0001	0.0006	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0007	<0.0002	-	<0.0001	-	<0.0001	-	0.0004
		11 - 11.5	12/12/2018	208342	Normal	-	-	<0.0001	0.0025	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.002	<0.0002	-	<0.0001	-	0.0003	-	0.0021
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	-	-	<0.0002	0.0016	-	-	-	<0.0002	<0.0002	<0.0004	<0.0004	<0.002	<0.0002	<0.0004	-	<0.0002	-	<0.0002	-	0.0011
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	-	-	<0.0001	<0.0002	-	-	-	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0001	<0.0002	-	<0.0001	-	<0.0001	-	<0.0001
Sydney Gateway Golder	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		2.5 - 2.6	18/07/2019	SE195628	Normal	-	-	-	0.032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	0.030
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	<0.002	-	-	-	0.045	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		0.7 - 0.8	15/07/2019	SE195454	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		2 - 2.1	15/07/2019	SE195454	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		1	2/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		2 - 2.1	18/07/2019	SE195628	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		1	3/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		2.3 - 2.5	30/07/2019	SE196128	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		1.5	1/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		2	1/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	0.0082
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032

						Acids			PFAS															
						sulfonic acid (8:2 FTS)_	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	10:2 Fluorotelomer sulfonic acid (10:2 FTS)	Sum of PFHxS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	10:2 FTS (TOPA)	4:2 FTS (TOPA)	N-Ethyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoacetic acid (TOPA)	N-Methyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorobutanoic acid (TOPA)	Perfluorodecanesulfonic acid (TOPA)	Perfluorododecane sulfonate (PFDoS) TOPA	Perfluoroheptane sulfonate (PFHpS) TOPA	Perfluorohexadecanoic acid (PFHxDA) TOPA	Perfluorohexane sulfonate (PFHxS) TOPA	Perfluorononane sulfonate (PFNS) TOPA	Perfluorooctane sulfonate (PFOS) TOPA
						µg/L	µg/L	mg/kg	mg/kg	µg/L	µg/L	µg/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
EQL						0.002	0.01	0.0001	0.0032	0.002	0.01	0.01	0.0001	0.0001	0.0002	0.0002	0.001	0.0001	0.0002	0.0032	0.0001	0.0064	0.0001	0.0032	0.0001
PFAS NEMP 2020 Table 2 Health Industrial/Commercial									20																
		1	1/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		2	2/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032
		2	10/07/2019	SE195454	Normal	-	-	-	<0.0032	-	-	-	-	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	<0.0032

Statistics

Number of Results	2	1	11	35	3	1	1	11	35	35	35	35	35	35	24	35	24	35	24	35
Number of Detects	0	0	0	11	3	1	1	0	0	0	0	0	0	0	0	0	0	5	0	12
Minimum Concentration	<0.002	<0.01	<0.0001	<0.0002	0.045	0.08	0.06	<0.0001	<0.0001	<0.0002	<0.0002	<0.001	<0.0001	<0.0002	<0.0032	<0.0001	<0.0064	0.0001	<0.0032	<0.0001
Minimum Detect	ND	ND	ND	0.0006	0.045	0.08	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0001	ND	0.0004
Maximum Concentration	<0.01	<0.01	<0.0002	0.032	0.08	0.08	0.06	<0.0002	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0064	<0.0032	<0.0032	0.03
Maximum Detect	ND	ND	ND	0.032	0.08	0.08	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0006	ND	0.03
Average Concentration *	0.003		0.000055	0.0025	0.068			0.000055	0.0011	0.0055	0.0055	0.011	0.0012	0.0011	0.0016	0.0011	0.0032	0.0011	0.0016	0.0025
Geometric Average *	0.0022	0.005	0.000053	0.0016	0.066	0.08	0.06	0.000053	0.00055	0.0021	0.0021	0.0055	0.00072	0.00068	0.0016	0.00055	0.0032	0.00067	0.0016	0.0015
Median Concentration *	0.003	0.005	0.00005	0.0016	0.08	0.08	0.06	0.00005	0.0016	0.008	0.008	0.016	0.0016	0.0016	0.0016	0.0016	0.0032	0.0016	0.0016	0.0016
Standard Deviation *	0.0028		0.000015	0.0052	0.025			0.000015	0.00073	0.0037	0.0037	0.0073	0.00067	0.0007	0	0.00073	0	0.00069	0	0.005
Geometric Standard Deviation *	3.1		1.2	2.2	1.4			1.2	5	7.7	7.7	5	3.7	3.6	1	5	1	4	1	2.5

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from

						PFAS TOPA																
						Perfluorooctanoic acid (PFOA) TOPA	Perfluoropentanesulfonic acid (TOPA)	Perfluoropentanoic acid (TOPA)	6:2 FTS (TOPA)	8:2 FTS (TOPA)	N-Methyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorohexanoic acid (TOPA)	Perfluoroheptanoic acid (TOPA)	Perfluorodecanoic acid (TOPA)	Perfluorododecanoic acid (TOPA)	Perfluorononanoic acid (TOPA)	Perfluorotetradecanoic acid (TOPA)	Perfluorotridecanoic acid (TOPA)	Perfluoroundecanoic acid (TOPA)	Perfluorobutanesulfonic acid (TOPA)	Perfluorooctane sulfonamide (TOPA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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						0.0016	0.0001	0.0002	0.0001	0.0001	0.001	0.001	0.005	0.0001	0.0001	0.0005	0.0005	0.0001	0.0032	0.0005	0.0005	0.0001	0.001
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																							
Data source	Location Code	Depth	Date	Lab Report Number	Sample Type																		
Sydney Gateway AECOM	SG-BHTT-06	0.5 - 0.55	10/12/2018	207802	Normal	-	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
		1 - 1.1	10/12/2018	207802	Normal	-	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
		1.4 - 1.4	10/12/2018	207802	Normal	-	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
		2.5 - 2.6	10/12/2018	207802	Normal	-	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2.5 - 4	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 4.1	10/12/2018	207802	Normal	-	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
				207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		4 - 5.5	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		5.4 - 5.5	10/12/2018	207802	Normal	-	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 8.1	10/12/2018	207802	Normal	-	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
				207802-B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		8 - 10	10/12/2018	207802-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9.4 - 9.5	10/12/2018	207802	Normal	-	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
		11 - 11.5	12/12/2018	208342	Normal	-	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	0.0001	0.0002	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			12/12/2018	208342	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.4 - 12.5	12/12/2018	208342	Normal	-	<0.0002	<0.0004	<0.0002	<0.0002	<0.002	<0.002	<0.01	<0.0002	<0.0002	<0.001	<0.001	<0.0002	<0.01	<0.001	<0.001	<0.0002	<0.002
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		12.5 - 14	12/12/2018	208342-A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		14.3 - 14.5	12/12/2018	208342	Normal	-	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	<0.0001	<0.0001	<0.0005	<0.0005	<0.0001	<0.005	<0.0005	<0.0005	<0.0001	<0.001
Sydney Gateway Golder	SG-BH-1107	0.5	3/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	3/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2.5 - 2.6	18/07/2019	SE195628	Normal	0.0040	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
				SE195628A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195628B	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1108	0.5	3/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		2	15/07/2019	SE195454	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		3.5	15/07/2019	SE195454	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195454A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1109	0.2 - 0.3	15/07/2019	SE195454	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		0.7 - 0.8	15/07/2019	SE195454	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2 - 2.1	15/07/2019	SE195454	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
	SG-BH-1111	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		1	2/07/2019	SE195155	Normal	0.0054	<0.0032	0.0068	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2 - 2.1	18/07/2019	SE195628	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
	SG-BH-1112	0.25	3/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		1	3/07/2019	SE195155	Normal	0.0022	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2.3 - 2.5	30/07/2019	SE196128	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
	SG-BH-1113	0.1	1/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		1.5	1/07/2019	SE195155	Normal	0.0045	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	0.0034	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2	1/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1114	0.5	1/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032

						PFAS TOPA															
						Perfluorooctanoic acid (PFOA) TOPA	Perfluoropentanesulfonic acid (TOPA)	Perfluoropentanoic acid (TOPA)	6:2 FTS (TOPA)	8:2 FTS (TOPA)	N-Methyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamide (TOPA)	N-Ethyl perfluorooctane sulfonamidoethanol (TOPA)	Perfluorohexanoic acid (TOPA)	Perfluoroheptanoic acid (TOPA)	Perfluorodecanoic acid (TOPA)	Perfluorododecanoic acid (TOPA)	Perfluorononanoic acid (TOPA)	Perfluorotetradecanoic acid (TOPA)	Perfluorotridecanoic acid (TOPA)	Perfluoroundecanoic acid (TOPA)	Perfluorobutanesulfonic acid (TOPA)	Perfluorooctane sulfonamide (TOPA)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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						0.0016	0.0001	0.0002	0.0001	0.0001	0.001	0.001	0.005	0.0001	0.0001	0.0005	0.0005	0.0001	0.0032	0.0005	0.0005	0.0001	0.001
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																							
		1	1/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2	2/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				SE195155A	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SG-BH-1115	0.25	2/07/2019	SE195155	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		0.5	2/07/2019	SE195155	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.5	2/07/2019	SE195155	Normal	0.018	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032
		2	10/07/2019	SE195454	Normal	<0.0016	<0.0032	<0.0032	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032

Statistics

Number of Results	24	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Number of Detects	5	0	1	0	0	0	0	0	2	2	0	0	1	0	0	0	0	0
Minimum Concentration	<0.0016	<0.0001	<0.0002	<0.0001	<0.0001	<0.001	<0.001	<0.005	0.0001	0.0001	<0.0005	<0.0005	<0.0001	<0.0032	<0.0005	<0.0005	<0.0001	<0.001
Minimum Detect	0.0022	ND	0.0068	ND	ND	ND	ND	ND	0.0001	0.0001	ND	ND	0.0034	ND	ND	ND	ND	ND
Maximum Concentration	0.018	<0.0032	0.0068	<0.0032	<0.0032	<0.016	<0.016	<0.032	<0.0032	<0.0032	<0.0032	<0.0032	0.0034	<0.01	<0.0032	<0.0032	<0.0032	<0.0032
Maximum Detect	0.018	ND	0.0068	ND	ND	ND	ND	ND	0.0001	0.0002	ND	ND	0.0034	ND	ND	ND	ND	ND
Average Concentration *	0.0021	0.0011	0.0013	0.0011	0.0011	0.0057	0.0057	0.012	0.0011	0.0011	0.0012	0.0012	0.0012	0.002	0.0012	0.0012	0.0011	0.0013
Geometric Average *	0.0012	0.00055	0.00071	0.00055	0.00055	0.0034	0.0034	0.0091	0.00057	0.00058	0.00091	0.00091	0.00056	0.0019	0.00091	0.00091	0.00055	0.0011
Median Concentration *	0.0008	0.0016	0.0016	0.0016	0.0016	0.008	0.008	0.016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016
Standard Deviation *	0.0036	0.00073	0.0012	0.00073	0.00073	0.0035	0.0035	0.0063	0.00072	0.00072	0.00063	0.00063	0.00082	0.00067	0.00063	0.00063	0.00073	0.0005
Geometric Standard Deviation *	2.3	5	3.8	5	5	3.6	3.6	2.3	4.7	4.6	2.3	2.3	5.1	1.3	2.3	2.3	5	1.7

* A Non Detect Multiplier of 0.5 has been applied.

Historical results from AECOM and Golder investigations were provided as an esdat file from

APPENDIX B-2
WSP SOIL SUMMARY TABLES

						BTEX				TRH					PAH				
						Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a) pyrene		Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	PAHs (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.1	0.1	0.1	0.3	10	50	100	100	50	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand					3	NL	NL	230								40	NL	4,000
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																			
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil										700	1,000	3,500	10,000						
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)						430	99,000	27,000	81,000		20,000	27,000	38,000					11,000	
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND						160													
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND						77													
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)						1,100	120,000	85,000	130,000		62,000	85,000	120,000					29,000	
Airport Regulations 1997 - General soil						1	130	50	25					5,000		5			100
Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description														
SG-JHSW-TP-2205A	SG-JHSW-TP-2205A_0.2	0.2	22/04/2021	ES2115057	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	120	290	-	2.4	3.1	<0.5	23.6
SG-JHSW-TP-2205A	SG-JHSW-TP-2205A_0.2	0.2	22/04/2021	ES2116364	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
SG-JHSW-TP-2205A	SG-JHSW-TP-2205A_0.5	0.5	22/04/2021	ES2115057	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	150	320	-	0.9	1.1	<0.5	8.0
SG-JHSW-TP-2205A	SG-JHSW-TP-2205A_0.5	0.5	22/04/2021	ES2116364	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
SG-JHSW-TP-2205A	SG-JHSW-TP-2205A_0.5	0.5	22/04/2021	ES2116364	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-2206A	SG-JHSW-TP2206A_0.2	0.2	22/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	-	0.6	0.7	<0.5	7.6
SG-JHSW-TP-2206A	SG-JHSW-TP2206A_0.5	0.5	22/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	570	180	750	-	0.7	0.8	0.6	7.0
SG-JHSW-TP-2206A	SG-JHSW-TP2206A_0.5	0.5	22/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	<1	-
SG-JHSW-TP-2206A	SG-JHSW-TP2206A_0.5	0.5	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-2207A	SG-JHSW-TP2207A_0.2	0.2	22/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	100	100	-	0.7	0.8	<0.5	5.6
SG-JHSW-TP-2207A	SG-JHSW-TP2207A_0.5	0.5	22/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	180	100	280	-	0.8	1.0	<0.5	8.2
SG-JHSW-TP-2207A	SG-JHSW-TP2207A_0.5	0.5	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-2208A	SG-JHSW-TP2208A_0.2	0.2	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	260	440	700	-	1.8	2.3	<0.5	21.6
SG-JHSW-TP-2208A	SG-JHSW-TP2208A_0.2	0.2	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
SG-JHSW-TP-2208A	SG-JHSW-TP2208A_0.5	0.5	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	130	140	270	-	0.7	0.8	<0.5	5.9
SG-JHSW-TP-2209A	QA45_230421	0.2	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	240	120	360	-	2.4	3.2	<0.5	29.6
SG-JHSW-TP-2209A	QA45A_230421	0.2	23/04/2021	791310	ATL	<0.1	<0.1	<0.1	<0.3	<20	<50	300	150	450	-	1.9	2.5	<0.5	20.2
SG-JHSW-TP-2209A	SG-JHSW-TP2209A_0.2	0.2	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	250	320	570	-	2.6	3.4	<0.5	27.7
SG-JHSW-TP-2209A	SG-JHSW-TP2209A_0.5	0.5	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	220	160	380	-	1.7	2.2	<0.5	17.0
SG-JHSW-TP-3209A	SG-JHSW-TP2209A_0.2	0.2	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
SG-JHSW-TP-3209A	SG-JHSW-TP2209A_0.5	0.5	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
SG-JHSW-TP-3209A	SG-JHSW-TP-3209A_0.2	0.2	22/04/2021	ES2115057	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	230	140	370	-	2.8	3.6	0.7	40.3
SG-JHSW-TP-3209A	SG-JHSW-TP-3209A_0.2	0.2	22/04/2021	ES2115057	ATL	-	-	-	-	-	-	-	-	-	-	-	-	<1	-
SG-JHSW-TP-3209A	SG-JHSW-TP-3209A_0.2	0.2	22/04/2021	ES2116364	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
SG-JHSW-TP-3209A	SG-JHSW-TP-3209A_0.5	0.5	22/04/2021	ES2115057	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	130	300	-	1.2	1.4	<0.5	12.4
SG-JHSW-TP-3209A	SG-JHSW-TP-3209A_0.5	0.5	22/04/2021	ES2116364	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 1	TEA4 1_0.2	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	160	<100	160	-	0.7	0.9	<0.5	6.5
TEA4 2	TEA4 2_0.2	0.2	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	280	250	530	-	1.5	1.9	<0.5	16.3
TEA4 2	TEA4 2_0.2	0.2	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 2	TEA4 2_0.5	0.5	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	260	270	530	-	0.8	0.9	<0.5	6.9
TEA4 2	TEA4 2 0.2		27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 2	TEA4 2 0.2	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	280	290	570	-	1.7	2.2	<0.5	18.5
TEA4 2	TEA4 2 0.5		27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 2	TEA4 2 0.5	0.5	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	140	110	250	-	0.7	0.8	<0.5	6.6
TEA4 3	TEA4 3_0.2	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	70	720	280	1,070	-	11.1	15.5	<1	203
TEA4 3	TEA4 3_0.2	0.2	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	7.3	-
TEA4 3	TEA4 3_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 3	TEA4 3_0.5	0.5	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	130	100	230	-	1.0	1.2	<0.5	7.6
TEA4 3	TEA4 3_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 4	TEA4 4_0.2	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	190	130	320	-	2.1	2.7	<0.5	24.4
TEA4 4	TEA4 4_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 4	TEA4 4_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 4	TEA4 4_0.5	0.5	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	-	<0.5	<0.5	<0.5	1.3
TEA4 5	TEA4 5_0.2	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	330	240	570	-	3.2	4.3	<0.5	38.6
TEA4 5	TEA4 5_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 5	TEA4 5_0.5	0.5	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	100	270	-	2.4	3.2	<0.5	27.8
TEA4 5	TEA4 5_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 6	TEA4 6_0.2	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	150	120	270	-	1.7	2.3	<0.5	20.2
TEA4 6	TEA4 6_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 6	TEA4 6_0.5	0.5	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	180	<100	180	-	2.0	2.7	<0.5	23.6
TEA4 6	TEA4 6_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 7	TEA4 7_0.2	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	120	140	260	-	0.9	1.1	<0.5	8.2
TEA4 7	TEA4 7_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 7	TEA4 7_0.5	0.5	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	200	150	350	-	1.0	1.2	<0.5	9.7
TEA4 7	TEA4 7_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 8	TEA4 8_0.2	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	140	310	-	0.8	1.0	<0.5	8.6
TEA4 8	TEA4 8_0.5	0.5	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	190	150	340	-	2.1	2.8	<0.5	22.8

						BTEX				TRH					PAH				
						Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a) pyrene		Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	PAHs (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	mg/kg	mg/kg
TEA4 8	TEA4 8_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 9	QA04_ATL_270421	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	190	320	510	-	1.0	1.2	<0.5	9.9
TEA4 9	QA04A_ATL_270421	0.2	27/04/2021	792141	ATL	<0.1	<0.1	<0.1	<0.3	<20	<2,500	<5,000	<5,000	<5,000	-	<2	<2	<0.5	<2
TEA4 9	TEA4 9_0.2	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	320	490	-	0.9	1.1	<0.5	8.2
TEA4 9	TEA4 9_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 9	TEA4 9_0.5	0.5	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	140	290	430	-	0.6	0.7	<0.5	4.7
TEA4 10	TEA4 10_0.2	0.2	27/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	-	<0.5	<0.5	<0.5	0.6
TEA4 11	TEA4 11_0.2	0.2	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	150	110	260	-	1.0	1.3	<0.5	11.3
TEA4 11	TEA4 11_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 11	TEA4 11_0.5	0.5	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	160	130	290	-	1.0	1.2	<0.5	10.7
TEA4 11	TEA4 11_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 12	TEA4 12_0.2	0.2	26/04/2021	ES2115657	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	-	0.5	0.6	<0.5	3.1
TEA4 12	TEA4 12_0.5	0.5	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	150	130	280	-	0.6	0.7	<0.5	4.9
TEA4 13	TEA4 13_0.2	0.2	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	120	120	240	-	1.4	1.8	<0.5	14.4
TEA4 13	TEA4 13_0.2	0.2	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	2	-
TEA4 13	TEA4 13_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 13	TEA4 13_0.5	0.5	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	240	190	430	-	2.4	3.2	<0.5	28.7
TEA4 13	TEA4 13_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 14	TEA4 14_0.2	0.2	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	120	100	220	-	0.9	1.2	<0.5	8.7
TEA4 14	TEA4 14_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 14	TEA4 14_0.5	0.5	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	150	320	-	2.1	2.8	<0.5	21.8
TEA4 14	TEA4 14_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 15	TEA4 15_0.2	0.2	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	320	180	500	-	1.0	1.2	<0.5	9.3
TEA4 15	TEA4 15_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 15	TEA4 15_0.5	0.5	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	220	120	340	-	1.2	1.4	<0.5	10.6
TEA4 15	TEA4 15_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 16	TEA4 16_0.2	0.2	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	-	<0.5	<0.5	<0.5	0.6
TEA4 16	TEA4 16_0.5	0.5	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	300	120	420	-	1.0	1.3	<0.5	10.3
TEA4 16	TEA4 16_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 17	TEA4 17_0.2	0.2	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	-	<0.5	<0.5	<0.5	<0.5
TEA4 17	TEA4 17_0.5	0.5	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	-	<0.5	<0.5	<0.5	<0.5
TEA4 18	TEA4 18_0.2	0.2	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	-	<0.5	<0.5	<0.5	2.3
TEA4 18	TEA4 18_0.5	0.5	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	<100	170	-	1.0	1.2	<0.5	9.0
TEA4 18	TEA4 18_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 19	TEA4 19_0.2	0.2	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	220	160	380	-	1.7	2.3	<0.5	19.5
TEA4 19	TEA4 19_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 19	TEA4 19_0.5	0.5	26/04/2021	ES2115694	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	420	170	590	-	1.4	1.8	<1	17.9
TEA4 19	TEA4 19_0.5	0.5	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-
TEA4 19	TEA4 19_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 20	TEA4_20_0.2	20	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 20	TEA4_20_0.5	20	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 20	TEA4 20_0.2	0.2	26/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	-	1.6	2.1	<0.5	14.8
TEA4 20	TEA4 20_0.5	0.5	26/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	-	<0.5	<0.5	<0.5	<0.5
TEA4 21	TEA4_21_0.2	21	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 21	TEA4_21_0.5	21	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 21	TEA4 21_0.2	0.2	26/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	180	300	480	-	1.0	1.2	<0.5	8.6
TEA4 21	TEA4 21_0.5	0.5	26/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	190	150	340	-	0.8	1.0	<0.5	5.8
TEA4 22	QA02_ATL_260421	0.2	26/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	150	320	-	1.2	1.5	<0.5	13.6
TEA4 22	QA02A_ATL_260421	0.2	26/04/2021	791310	ATL	<0.1	<0.1	<0.1	<0.3	<20	<50	160	<100	160	-	0.8	1	<0.5	8.3
TEA4 22	TEA4_22_0.2	22	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 22	TEA4_22_0.5	22	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 22	TEA4 22_0.2	0.2	26/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	240	410	-	1.3	1.6	<0.5	15.3
TEA4 22	TEA4 22_0.5	0.5	26/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	180	140	320	-	1.3	1.6	<0.5	11.0
TEA4 23	TEA4_23_0.2	23	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 23	TEA4_23_0.5	23	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 23	TEA4 23_0.2	0.2	26/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	120	110	230	-	2.3	2.8	<0.5	16.1
TEA4 23	TEA4 23_0.5	0.5	26/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	170	170	-	<0.5	<0.5	<0.5	1.6
TEA4 24	TEA4 24_0.2	0.2	24/06/2021	ES2123787	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	<0.5	<0.5	<0.5	2.3
TEA4 24	TEA4 24_0.5	0.5	24/06/2021	ES2123787	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	140	100	240	<0.5	1.0	1.3	<0.5	10.3
TEA4 25	TEA4 25_0.2	0.2	24/06/2021	ES2123787	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	0.6	0.7	<0.5	4.0
TEA4 25	TEA4 25_0.5	0.5	24/06/2021	ES2123787	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	200	180	380	<0.5	0.8	1.0	<0.5	8.1
TEA4 25	TEA4 25_0.5	0.5	24/06/2021	ES2123787	ATL	-	-	-	-	-	-	-	-	-	-	1.3	1.7	-	13.9
TEA4 26	TEA4_26_0.2	26	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 26	TEA4_26_0.5	26	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 26	TEA4 26_0.2	0.2	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	230	190	420	-	1.4	1.7	<0.5	14.0
TEA4 26	TEA4 26_0.5	0.5	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	190	<100	190	-	0.8	0.9	<0.5	5.3
TEA4 27	TEA4_27_0.2	27	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 27	TEA4_27_0.5	27	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TEA4 27	TEA4 27_0.2	0.2	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	-	0.9	1.0	<0.5	6.1
TEA4 27	TEA4 27_0.5	0.5	23/04/2021	ES2115448	ATL	<0.2	<0.5	<0.5	<0.5	<10	<50	210	160	370	-	1.2	1.4	<0.5	8.2

Statistics

Number of Results						72	72	72	72	72	72	72	72	72	44	73	73	77	73
Number of Detects						0	0	0	0	0	1	59	53	61	0	63	63	5	69
Minimum Detect						ND	ND	ND	ND	ND	70	100	100	100	ND	0.5	0.6	0.6	0.6
Maximum Concentration						<0.2	<0.5	<0.5	<0.5	<20	<2,500	<5,000	<5,000	<5,000	<0.5	11.1	15.5	7.3	203
Standard Deviation *						0.01	0.04	0.04	0.02	1	144	295	290	323	0	1.3	1.9	0.85	24
95% UCL (Student's-t) *						0.0999	0.25	0.25	0.25	5.406	71	271.7	232.3	401.5	0.25	1.58	2.045	0.571	19.22

* A Non Detect Multiplier of 0.5 has been applied.

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

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						Metals																Phenols	Organochlorine Pesticides								
						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)	Phenol	Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin
						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/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
TEA4 8	TEA4 8_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 9	QA04_ATL_270421	0.2	27/04/2021	ES2115694	ATL	<5	-	<1	-	10	-	64	-	46	-	<0.1	-	10	-	496	-	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 9	QA04A_ATL_270421	0.2	27/04/2021	792141	ATL	2.7	-	<0.4	-	11	-	46	-	36	-	<0.1	-	9.1	-	360	-	<0.5	<0.5	<0.5	<1	-	-	<0.5	<0.5	<0.5
TEA4 9	TEA4 9_0.2	0.2	27/04/2021	ES2115694	ATL	<5	-	<1	-	12	-	78	-	43	-	<0.1	-	10	-	402	-	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 9	TEA4 9_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 9	TEA4 9_0.5	0.5	27/04/2021	ES2115694	ATL	<5	-	<1	-	15	-	58	-	46	-	<0.1	-	15	-	267	-	-	-	-	-	-	-	-	-	-
TEA4 10	TEA4 10_0.2	0.2	27/04/2021	ES2115694	ATL	<5	-	<1	-	9	-	30	-	83	-	<0.1	-	8	-	58	-	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 11	TEA4 11_0.2	0.2	26/04/2021	ES2115694	ATL	<5	-	<1	-	10	-	57	-	340	-	<0.1	-	9	-	88	-	-	-	-	-	-	-	-	-	-
TEA4 11	TEA4 11_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 11	TEA4 11_0.5	0.5	26/04/2021	ES2115694	ATL	<5	-	<1	-	10	-	77	-	34	-	<0.1	-	11	-	62	-	<0.5	-	-	-	-	-	-	-	-
TEA4 11	TEA4 11_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 12	TEA4 12_0.2	0.2	26/04/2021	ES2115657	ATL	<5	-	<1	-	13	-	80	-	55	-	<0.1	-	17	-	78	-	-	-	-	-	-	-	-	-	-
TEA4 12	TEA4 12_0.5	0.5	26/04/2021	ES2115694	ATL	<5	-	<1	-	13	-	47	-	38	-	<0.1	-	10	-	49	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 13	TEA4 13_0.2	0.2	26/04/2021	ES2115694	ATL	<5	-	<1	-	9	-	37	-	46	-	<0.1	-	9	-	76	-	-	-	-	-	-	-	-	-	-
TEA4 13	TEA4 13_0.2	0.2	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 13	TEA4 13_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 13	TEA4 13_0.5	0.5	26/04/2021	ES2115694	ATL	5	-	<1	-	12	-	40	-	73	-	<0.1	-	10	-	86	-	-	-	-	-	-	-	-	-	-
TEA4 13	TEA4 13_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 14	TEA4 14_0.2	0.2	26/04/2021	ES2115694	ATL	<5	-	<1	-	8	-	39	-	48	-	<0.1	-	7	-	68	-	<0.5	-	-	-	-	-	-	-	-
TEA4 14	TEA4 14_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 14	TEA4 14_0.5	0.5	26/04/2021	ES2115694	ATL	<5	-	<1	-	14	-	27	-	62	-	0.1	-	9	-	69	-	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 14	TEA4 14_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 15	TEA4 15_0.2	0.2	26/04/2021	ES2115694	ATL	<5	-	<1	-	9	-	36	-	59	-	<0.1	-	10	-	95	-	<0.5	-	-	-	-	-	-	-	-
TEA4 15	TEA4 15_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 15	TEA4 15_0.5	0.5	26/04/2021	ES2115694	ATL	7	-	1	-	22	-	114	-	185	-	0.4	-	16	-	253	-	-	-	-	-	-	-	-	-	-
TEA4 15	TEA4 15_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 16	TEA4 16_0.2	0.2	26/04/2021	ES2115694	ATL	<5	-	<1	-	11	-	52	-	42	-	<0.1	-	11	-	68	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 16	TEA4 16_0.5	0.5	26/04/2021	ES2115694	ATL	14	-	2	-	28	-	183	-	194	-	0.9	-	38	-	325	-	-	-	-	-	-	-	-	-	-
TEA4 16	TEA4 16_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 17	TEA4 17_0.2	0.2	26/04/2021	ES2115694	ATL	<5	-	<1	-	14	-	30	-	55	-	<0.1	-	13	-	67	-	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 17	TEA4 17_0.5	0.5	26/04/2021	ES2115694	ATL	<5	-	<1	-	13	-	38	-	41	-	<0.1	-	11	-	238	-	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 18	TEA4 18_0.2	0.2	26/04/2021	ES2115694	ATL	<5	-	<1	-	13	-	52	-	39	-	0.1	-	12	-	133	-	-	-	-	-	-	-	-	-	-
TEA4 18	TEA4 18_0.5	0.5	26/04/2021	ES2115694	ATL	7	-	<1	-	24	-	107	-	172	-	0.2	-	16	-	254	-	-	-	-	-	-	-	-	-	-
TEA4 18	TEA4 18_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 19	TEA4 19_0.2	0.2	26/04/2021	ES2115694	ATL	5	-	1	-	20	-	110	-	181	-	0.3	-	13	-	283	-	-	-	-	-	-	-	-	-	-
TEA4 19	TEA4 19_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 19	TEA4 19_0.5	0.5	26/04/2021	ES2115694	ATL	22	-	8	-	68	-	580	-	839	-	1.6	-	73	-	1,680	-	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	1.72	<0.05
TEA4 19	TEA4 19_0.5	0.5	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 19	TEA4 19_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	100	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-
TEA4 20	TEA4_20_0.2	20	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 20	TEA4_20_0.5	20	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 20	TEA4 20_0.2	0.2	26/04/2021	ES2115448	ATL	7	-	3	-	14	-	88	-	85	-	<0.1	-	14	-	129	-	-	-	-	-	-	-	-	-	-
TEA4 20	TEA4 20_0.5	0.5	26/04/2021	ES2115448	ATL	14	-	2	-	38	-	296	-	332	-	0.5	-	26	-	445	-	-	-	-	-	-	-	-	-	-
TEA4 21	TEA4_21_0.2	21	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 21	TEA4_21_0.5	21	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 21	TEA4 21_0.2	0.2	26/04/2021	ES2115448	ATL	<5	-	<1	-	14	-	88	-	69	-	<0.1	-	12	-	114	-	-	-	-	-	-	-	-	-	-
TEA4 21	TEA4 21_0.5	0.5	26/04/2021	ES2115448	ATL	<5	-	<1	-	15	-	86	-	106	-	0.1	-	12	-	155	-	-	-	-	-	-	-	-	-	-
TEA4 22	QA02_ATL_260421	0.2	26/04/2021	ES2115448	ATL	6	-	<1	-	21	-	290	-	244	-	0.1	-	30	-	334	-	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	0.06	<0.05
TEA4 22	QA02A_ATL_260421	0.2	26/04/2021	791310	ATL	3.5	-	0.5	-	12	-	130	-	120	-	<0.1	-	13	-	160	-	<0.5	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05
TEA4 22	TEA4_22_0.2	22	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 22	TEA4_22_0.5	22	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 22	TEA4 22_0.2	0.2	26/04/2021	ES2115448	ATL	<5	-	1	-	17	-	226	-	245	-	0.1	-	31	-	482	-	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	0.08	<0.05
TEA4 22	TEA4 22_0.5	0.5	26/04/2021	ES2115448	ATL	6	-	<1	-	17	-	105	-	174	-	0.2	-	16	-	223	-	-	-	-	-	-	-	-	-	-
TEA4 23	TEA4_23_0.2	23	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 23	TEA4_23_0.5	23	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 23	TEA4 23_0.2	0.2	26/04/2021	ES2115448	ATL	<5	-	<1	-	14	-	112	-	90	-	0.1	-	12	-	148	-	-	-	-	-	-	-	-	-	-
TEA4 23	TEA4 23_0.5	0.5	26/04/2021	ES2115448	ATL	<5	-	<1	-	14	-	75	-	110	-	0.1	-	10	-	156	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 24	TEA4 24_0.2	0.2	24/06/2021	ES2123787	ATL	<5	<100	<1	<50	9	<100	422	800	59	<100	<0.1	<1.0	9	<100	84	200	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 24	TEA4 24_0.5	0.5	24/06/2021	ES2123787	ATL	5	<100	<1	<50	17	<100	142	200	166	100	0.3	<1.0	15	<100	265	1,100	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 25	TEA4 25_0.2	0.2	24/06/2021	ES2123787	ATL	<5	<100	<1	<50	10	<100	190	700	98	<100	0.2	<1.0	13	<100	189	1,600	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 25	TEA4 25_0.5	0.5	24/06/2021	ES2123787	ATL	15	<100	3	<50	31	<100	384	800	568	300	0.8	<1.0	37	100	335	4,400	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 25	TEA4 25_0.5	0.5	24/06/2021	ES2123787	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 26	TEA4_26_0.2	26	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 26	TEA4_26_0.5	26	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-
TEA4 26	TEA4 26_0.2	0.2	23/04/2021	ES2115448	ATL	<5	-	<1	-	18	-	102	-	178	-	0.2	-	14	-	207	-	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05
TEA4 26	TEA4 26_0.5	0.5	23/04/2021	ES2115448	ATL	10	-	2	-	42	-	420	-	480	-	0.7	-	45	-	958	-	-	-	-	-	-	-	-	-	-
TEA4 27	TEA4_27_0.2	27	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 27	TEA4_27_0.5	27	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 27	TEA4 27_0.2	0.2	23/04/2021	ES2115448	ATL	<5	-	<1	-	15	-	76	-	131	-	0.2	-	12	-	200	-	-	-	-	-	-	-	-	-	-
TEA4 27	TEA4 27_0.5	0.5	23/04/2021	ES2115448	ATL	6	-	<1	-	17	-	137	-	174	-	0.3	-	14	-	324	-	-	-	-	-	-	-	-	-	-

Statistics

Number of Results						72	4	72	4	72	4	72	4	72	23	72	4	72	6	72	4	27	26	26	26	23	23	26	26	26
Number of Detects						23	0	12	0	72	0	72	4	72	6	30	0	72	1	72	4	0	0	0	0	0	0	0	3	0
Minimum Detect						2.3	ND	0.5	ND	8	ND	21	200	28	100	0.1	ND	7	100	47	200	ND	ND	ND	ND	ND	ND	ND	0.06	ND
Maximum Concentration						22	<100	8	<50	68	<100	580	800	839	1,000	1.6	<1	73	100	1,680	4,400	<0.5	<0.5	<0.5	<1	<0.05	<0.05	<0.5	1.72	<0.5
Standard Deviation *						3.8	0	1.2	0	11	0	109	287	140	206	0.26	0	10	20	237	1,812	0	0.061	0.061	0.13	0	0	0.044	0.33	0.061
95% UCL (Student's-t) *						5.081	50	1.072	25	19.05	50	127.6	963	149.1	197.5	0.217	0.5	16.52	75.13	243.7	3,957	0.25	0.0628	0.0628	0.106	0.025	0.025	0.123	0.223	0.0628

* A Non Detect Multiplier of 0.5 has been applied.

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

						Organophosphorous		PCBs	Perfluoroalkane		PFAS					Asbestos	
	Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	Asbestos	Asbestos Type
	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg	-	-
EQL	50	0.05	0.05	0.2	0.05	0.1	0.01	0.0002	0.01	0.0002	0.01	0.0002	0.005	0.1	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand	2,000,000	100	50			7									
PFAS NEMP 2020 Table 2 Health Industrial/Commercial								50		20					
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil															
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)															
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND															
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND															
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)															
Airport Regulations 1997 - General soil			50			50									

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description															
SG-JHSW-TP-2205A	SG-JHSW-TP-2205A_0.2	0.2	22/04/2021	ES2115057	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
SG-JHSW-TP-2205A	SG-JHSW-TP-2205A_0.2	0.2	22/04/2021	ES2116364	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-2205A	SG-JHSW-TP-2205A_0.5	0.5	22/04/2021	ES2115057	ATL	-	-	-	-	-	-	-	0.0011	-	0.0053	-	0.0064	-	No	-
SG-JHSW-TP-2205A	SG-JHSW-TP-2205A_0.5	0.5	22/04/2021	ES2116364	ATL	-	-	-	-	-	-	0.07	-	0.18	-	0.25	-	-	-	-
SG-JHSW-TP-2205A	SG-JHSW-TP-2205A_0.5	0.5	22/04/2021	ES2116364	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-2206A	SG-JHSW-TP2206A_0.2	0.2	22/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
SG-JHSW-TP-2206A	SG-JHSW-TP2206A_0.5	0.5	22/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0005	-	0.0005	-	No	-
SG-JHSW-TP-2206A	SG-JHSW-TP2206A_0.5	0.5	22/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-2206A	SG-JHSW-TP2206A_0.5	0.5	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-2207A	SG-JHSW-TP2207A_0.2	0.2	22/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
SG-JHSW-TP-2207A	SG-JHSW-TP2207A_0.5	0.5	22/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0012	-	0.0012	-	No	-
SG-JHSW-TP-2207A	SG-JHSW-TP2207A_0.5	0.5	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-2208A	SG-JHSW-TP2208A_0.2	0.2	23/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
SG-JHSW-TP-2208A	SG-JHSW-TP2208A_0.2	0.2	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-2208A	SG-JHSW-TP2208A_0.5	0.5	23/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0004	-	0.0004	-	No	-
SG-JHSW-TP-2209A	QA45_230421	0.2	23/04/2021	ES2115448	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0002	-	0.0002	-	-	-
SG-JHSW-TP-2209A	QA45A_230421	0.2	23/04/2021	791310	ATL	-	<0.5	<0.5	<5	-	-	-	<0.005	-	<0.005	-	<0.05	<0.005	-	-
SG-JHSW-TP-2209A	SG-JHSW-TP2209A_0.2	0.2	23/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	<0.0002	-	<0.0002	-	<0.0002	-	No	-
SG-JHSW-TP-2209A	SG-JHSW-TP2209A_0.5	0.5	23/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
SG-JHSW-TP-3209A	SG-JHSW-TP2209A_0.2	0.2	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-3209A	SG-JHSW-TP2209A_0.5	0.5	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-3209A	SG-JHSW-TP-3209A_0.2	0.2	22/04/2021	ES2115057	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
SG-JHSW-TP-3209A	SG-JHSW-TP-3209A_0.2	0.2	22/04/2021	ES2115057	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-3209A	SG-JHSW-TP-3209A_0.2	0.2	22/04/2021	ES2116364	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SG-JHSW-TP-3209A	SG-JHSW-TP-3209A_0.5	0.5	22/04/2021	ES2115057	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0003	-	0.0003	-	No	-
SG-JHSW-TP-3209A	SG-JHSW-TP-3209A_0.5	0.5	22/04/2021	ES2116364	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 1	TEA4 1_0.2	0.2	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 2	TEA4 2_0.2	0.2	23/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 2	TEA4 2_0.2	0.2	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 2	TEA4 2_0.5	0.5	23/04/2021	ES2115448	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0005	-	0.0005	-	No	-
TEA4 2	TEA4 2 0.2		27/04/2021	ES2117299	ATL	-	-	-	-	-	-	<0.01	-	0.02	-	0.02	-	-	-	-
TEA4 2	TEA4 2 0.2	0.2	27/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0004	-	0.0004	-	No	-
TEA4 2	TEA4 2 0.5		27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 2	TEA4 2 0.5	0.5	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 3	TEA4 3_0.2	0.2	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0007	-	0.0007	-	No	-
TEA4 3	TEA4 3_0.2	0.2	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 3	TEA4 3_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 3	TEA4 3_0.5	0.5	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 3	TEA4 3_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 4	TEA4 4_0.2	0.2	27/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0009	-	0.0009	-	No	-
TEA4 4	TEA4 4_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	<0.01	-	0.03	-	0.03	-	-	-	-
TEA4 4	TEA4 4_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 4	TEA4 4_0.5	0.5	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 5	TEA4 5_0.2	0.2	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 5	TEA4 5_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 5	TEA4 5_0.5	0.5	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0007	-	0.0007	-	No	-
TEA4 5	TEA4 5_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	<0.01	-	0.02	-	0.02	-	-	-	-
TEA4 6	TEA4 6_0.2	0.2	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 6	TEA4 6_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 6	TEA4 6_0.5	0.5	27/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0003	-	0.0003	-	No	-
TEA4 6	TEA4 6_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 7	TEA4 7_0.2	0.2	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0003	-	0.0003	-	No	-
TEA4 7	TEA4 7_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 7	TEA4 7_0.5	0.5	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 7	TEA4 7_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 8	TEA4 8_0.2	0.2	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 8	TEA4 8_0.5	0.5	27/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0004	-	0.0004	-	No	-

									Organophosphorous		PCBs	Perfluoroalkane		PFAS					Asbestos	
						Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS		Sum of PFAS		Sum of PFAS (PFOS + PFOA)	Asbestos	Asbestos Type
						µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg	-	-
TEA4 8	TEA4 8_0.5	0.5	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 9	QA04_ATL_270421	0.2	27/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0003	-	0.0003	-	-	-
TEA4 9	QA04A_ATL_270421	0.2	27/04/2021	792141	ATL	-	<0.5	<0.5	<5	-	-	-	<0.005	-	<0.005	-	<0.05	<0.005	-	-
TEA4 9	TEA4 9_0.2	0.2	27/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0003	-	0.0003	-	No	-
TEA4 9	TEA4 9_0.2	0.2	27/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 9	TEA4 9_0.5	0.5	27/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 10	TEA4 10_0.2	0.2	27/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0004	-	0.0004	-	No	-
TEA4 11	TEA4 11_0.2	0.2	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 11	TEA4 11_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 11	TEA4 11_0.5	0.5	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA4 11	TEA4 11_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 12	TEA4 12_0.2	0.2	26/04/2021	ES2115657	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 12	TEA4 12_0.5	0.5	26/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0004	-	0.0004	-	No	-
TEA4 13	TEA4 13_0.2	0.2	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 13	TEA4 13_0.2	0.2	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 13	TEA4 13_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 13	TEA4 13_0.5	0.5	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0004	-	0.0004	-	No	-
TEA4 13	TEA4 13_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 14	TEA4 14_0.2	0.2	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0003	-	0.0003	-	No	-
TEA4 14	TEA4 14_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 14	TEA4 14_0.5	0.5	26/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA4 14	TEA4 14_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 15	TEA4 15_0.2	0.2	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0003	-	0.0003	-	No	-
TEA4 15	TEA4 15_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 15	TEA4 15_0.5	0.5	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 15	TEA4 15_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 16	TEA4 16_0.2	0.2	26/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0004	-	0.0004	-	No	-
TEA4 16	TEA4 16_0.5	0.5	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 16	TEA4 16_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 17	TEA4 17_0.2	0.2	26/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA4 17	TEA4 17_0.5	0.5	26/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	<0.0002	-	<0.0002	-	Yes	Ch
TEA4 18	TEA4 18_0.2	0.2	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 18	TEA4 18_0.5	0.5	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0003	-	0.0003	-	No	-
TEA4 18	TEA4 18_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 19	TEA4 19_0.2	0.2	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 19	TEA4 19_0.2	0.2	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 19	TEA4 19_0.5	0.5	26/04/2021	ES2115694	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	0.0004	-	0.0025	-	0.0029	-	No	-
TEA4 19	TEA4 19_0.5	0.5	26/04/2021	ES2115694	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 19	TEA4 19_0.5	0.5	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	0.01	-	0.04	-	0.05	-	-	-	-
TEA4 20	TEA4_20_0.2	20	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 20	TEA4_20_0.5	20	26/04/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 20	TEA4 20_0.2	0.2	26/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 20	TEA4 20_0.5	0.5	26/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	Ch
TEA4 21	TEA4_21_0.2	21	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 21	TEA4_21_0.5	21	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 21	TEA4 21_0.2	0.2	26/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 21	TEA4 21_0.5	0.5	26/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0003	-	0.0003	-	No	-
TEA4 22	QA02_ATL_260421	0.2	26/04/2021	ES2115448	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	0.0002	-	0.0031	-	0.0033	-	-	-
TEA4 22	QA02A_ATL_260421	0.2	26/04/2021	791310	ATL	-	<0.05	<0.05	<2	-	-	-	<0.005	-	<0.005	-	<0.05	<0.005	-	-
TEA4 22	TEA4_22_0.2	22	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	0.01	-	0.07	-	0.08	-	-	-	-
TEA4 22	TEA4_22_0.5	22	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 22	TEA4 22_0.2	0.2	26/04/2021	ES2115448	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0022	-	0.0022	-	No	-
TEA4 22	TEA4 22_0.5	0.5	26/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 23	TEA4_23_0.2	23	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 23	TEA4_23_0.5	23	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 23	TEA4 23_0.2	0.2	26/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	<0.0002	-	0.0013	-	0.0013	-	No	-
TEA4 23	TEA4 23_0.5	0.5	26/04/2021	ES2115448	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA4 24	TEA4 24_0.2	0.2	24/06/2021	ES2123787	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA4 24	TEA4 24_0.5	0.5	24/06/2021	ES2123787	ATL	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	<0.0002	-	0.0011	-	0.0011	-	No	-
TEA4 25	TEA4 25_0.2	0.2	24/06/2021	ES2123787	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA4 25	TEA4 25_0.5	0.5	24/06/2021	ES2123787	ATL	<50	<0.05	<0.05	<0.2	<0.05	0.3	-	<0.0002	-	0.0003	-	0.0003	-	No	-
TEA4 25	TEA4 25_0.5	0.5	24/06/2021	ES2123787	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 26	TEA4_26_0.2	26	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	0.02	-	0.09	-	0.11	-	-	-	-
TEA4 26	TEA4_26_0.5	26	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 26	TEA4 26_0.2	0.2	23/04/2021	ES2115448	ATL	<50	<0.05	<0.05	<0.2	<0.05	-	-	<0.0002	-	0.0017	-	0.0017	-	No	-
TEA4 26	TEA4 26_0.5	0.5	23/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA4 27	TEA4_27_0.2	27	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 27	TEA4_27_0.5	27	8/05/2021	ES2117299	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA4 27	TEA4 27_0.2	0.2	23/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA4 27	TEA4 27_0.5	0.5	23/04/2021	ES2115448	ATL	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-

Statistics

Number of Results	23	26	26	26	23	2	7	38	7	38	7	38	3	66	66
Number of Detects	0	0	0	0	0	1	4	3	7	31	7	31	0	66	66
Minimum Detect	ND	ND	ND	ND	ND	0.3	0.01	0.0002	0.02	0.0002	0.02	0.0002	ND	0	1
Maximum Concentration	<50	<0.5	<0.5	<5	<0.05	0.3	0.07	<0.005	0.18	0.0053	0.25	<0.05	<0.005	1	1
Standard Deviation *	0	0.061	0.061	0.67	0	0.18	0.024	0.00067	0.057	0.0011	0.082	0.0067	0	0.12	0
95% UCL (Student's-t) *	25	0.0628	0.0628	0.542	0.025	0.964	0.0352	0.00050871	0.106	0.00124	0.14	0.00459	0.0025	0.0404	1

* A Non Detect Multiplier of 0.5 has been applied.

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

		BTEX				TRH					PAH							
		Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a) pyrene		Benzo(a)pyrene TEQ calc (Zero)		Naphthalene		PAHs (Sum of total)	PAHs (Sum of total)
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		0.1	0.1	0.1	0.3	10	50	100	100	50	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand	3	NL	NL	230								40		NL		4,000	
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																		
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil						700	1,000	3,500	10,000									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)		430	99,000	27,000	81,000		20,000	27,000	38,000						11,000			
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND		160																
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND		77																
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)		1,100	120,000	85,000	130,000		62,000	85,000	120,000						29,000			
Airport Regulations 1997 - General soil		1	130	50	25					5,000	5						100	

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description															
TEA3 2	TEA3 2_0.2	0.2	14/04/2021	ES2113964	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	320	310	630	3.4	-	4.3	-	<0.5	-	24.9	-
TEA3 2	TEA3 2_0.2	0.2	14/04/2021	ES2115955	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 2	TEA3 2_0.5	0.5	14/04/2021	ES2113964	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	240	140	380	2.2	-	2.9	-	<0.5	-	20.9	-
TEA3 2	TEA3 2_0.5	0.5	14/04/2021	ES2115955	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 2	TEA3 2_1.0	1	14/04/2021	ES2113964	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	320	140	460	4.7	-	6.9	-	<0.5	-	76.3	-
TEA3 2	TEA3 2_1.0	1	14/04/2021	ES2115955	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 2	TEA3 2_2.0	2	14/04/2021	ES2113964	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	<0.5	-	<0.5	-	<0.5	-	1.5	-
TEA3 3	TEA3 3_0.2	0.2	11/05/2021	ES2117691	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	680	270	950	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 3	TEA3 3_0.5	0.5	11/05/2021	ES2117691	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	530	190	720	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 4	TEA3 4_0.2	0.2	21/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	1,220	740	1,960	20.1	-	27.7	-	<1	-	206	-
TEA3 4	TEA3 4_0.2	0.2	21/04/2021	ES2115147	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-
TEA3 4	TEA3 4_0.2	0.2	21/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 4	TEA3 4_0.5	0.5	21/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	0.6	-	0.7	-	<0.5	-	3.8	-
TEA3 5	TEA3 5_0.2	0.2	20/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	2,400	1,490	3,890	38.8	-	56.0	-	0.6	-	412	-
TEA3 5	TEA3 5_0.2	0.2	20/04/2021	ES2115147	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TEA3 5	TEA3 5_0.2	0.2	20/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 6	TEA3 6_0.2	0.2	12/05/2021	ES2117739	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	430	440	870	7.8	-	10.8	-	<0.5	-	66.9	-
TEA3 6	TEA3 6_0.2	0.2	12/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 7	TEA3 7_0.2	0.2	19/04/2021	ES2114835	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	230	230	460	1.4	-	1.9	-	<0.5	-	13.0	-
TEA3 7	TEA3 7_0.2	0.2	19/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 7	TEA3 7_0.5	0.5	19/04/2021	ES2114835	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	200	140	340	0.7	-	0.8	-	<0.5	-	5.0	-
TEA3 7	TEA3 7_0.5	0.5	19/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 8	TEA3 8_0.5	0.5	28/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 8	TEA3 8_1.0	1	28/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 8	TEA3 8_2.0	2	28/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 9	TEA3 9_0.2	0.2	20/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 9	TEA3 9_0.2	0.2	21/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	410	480	890	0.9	-	1.1	-	<0.5	-	6.7	-
TEA5 3	TEA5 3_0.2	0.2	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	290	410	700	2.6	-	3.2	-	<0.5	-	21.0	-
TEA5 3	TEA5 3_0.2	0.2	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 3	TEA5 3_0.5	0.5	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	800	1,020	1,820	3.0	-	3.6	-	<0.5	-	20.5	-
TEA5 3	TEA5 3_0.5	0.5	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 3	TEA5 3_1.0	1	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 4	QA51_070521	0.5	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	120	120	1.1	-	1.4	-	<0.5	-	7.8	-
TEA5 4	QA51A_070521	0.5	7/05/2021	795753	FILL	<0.1	<0.1	<0.1	<0.3	<20	<50	<100	<100	<100	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 4	TEA5 4_0.5	0.5	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	180	160	340	0.8	-	1.0	-	<0.5	-	6.1	-
TEA5 5	TEA5 5_0.2	0.2	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	130	220	350	1.6	-	2.0	-	<0.5	-	13.7	-
TEA5 5	TEA5 5_0.2	0.2	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 5	TEA5 5_0.5	0.5	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	170	110	280	1.0	-	1.2	-	<0.5	-	7.3	-
TEA5 5	TEA5 5_0.5	0.5	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 5	TEA5 5_1.0	1	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	6.0	-	8.3	-	<0.5	-	57.2	-
TEA5 5	TEA5 5_1.0	1	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 5	TEA5 5_2.0	2	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	310	<100	310	6.2	-	8.8	-	<0.5	-	106	-
TEA5 5	TEA5 5_2.0	2	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 8	TEA5 8_2.0	2	23/04/2021	ES2115305	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	150	<100	150	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA5 9	TEA5 9_0.5	0.5	22/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 9	TEA5 9_1.0	1	22/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	360	140	500	1.7	-	2.2	-	<0.5	-	26.4	-
TEA5 9	TEA5 9_1.0	1	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 9	TEA5 9_2.0	2	22/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	360	380	740	2.4	-	3.3	-	<0.5	-	32.5	-
TEA6 2	TEA6 2_0.5	0.5	10/05/2021	ES2118168	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	210	240	450	1.1	-	1.4	-	<0.5	-	9.7	-
TEA6 2	TEA6 2_0.5	0.5	10/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 10	TEA3 10_0.5	0.5	23/04/2021	ES2115558	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	2.8	-
TEA3 10	TEA3 10_1.0	1	23/04/2021	ES2115558	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	1.6	-	2.0	-	<0.5	-	12.7	-
TEA3 10	TEA3 10_1.0	1	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 11	TEA3 11_0.2	0.2	21/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	910	760	1,670	9.7	-	13.7	-	<0.5	-	88.1	-
TEA3 11	TEA3 11_0.2	0.2	21/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 11	TEA3 11_0.5	0.5	21/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 13	TEA3 13_0.2	0.2	27/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 13	TEA3 13_0.5	0.5	27/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 13	TEA3 13_1.0	1	27/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 15	TEA3 15 _0.5	0.5	27/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	1.1	-	1.4	-	<0.5	-	12.1	-
TEA3 15	TEA 3 15 _0.5	0.5	27/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 15	TEA3 15 _1.0	1	27/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 15	TEA3 15 _2.0	2	27/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 16	TEA3 16_0.5	0.5	12/05/2021	ES2117739	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	970	840	1,810	1.5	-	2.0	-	<0.5	-	14.5	-
TEA3 16	TEA3 16_0.5	0.5	12/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 18	TEA3 18_0.2	0.2	12/05/2021	ES2117739	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 18	TEA3 18_0.5	0.5	12/05/2021	ES2117739	FILL	<0.2	<0.5	<0.5	<0.5	17	<50	1,640	320	1,960	<0.5	-	<0.5	-	<0.5	-	1.9	-
TEA3 18	TEA3 18_0.5	0.5	12/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 18	TEA3 18_1.0	1	12/05/2021	ES2117739	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 20	QA22_260421	3	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 20	QA22A_26021	3	26/04/2021	791719	FILL	<0.1	<0.1	<0.1	<0.3	<20	<50	190	190	380	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 20	TEA3 20_3.0	3	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 20	TEA3 20_4.0	4	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	140	<100	140	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 21	TEA3 21_0.2	0.2	21/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	180	140	320	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA3 21	TEA3 21_0.5	0.5	21/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	110	140	250	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 23	TEA3 23_0.2	0.2	27/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 23	TEA3 23_0.5	0.5	27/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 23	TEA3 23_1.0	1	27/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 23	TEA3 23_2.0	2	27/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 25	TEA 3 25_0.2	0.2	29/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 25	TEA3 25_0.5	0.5	29/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.0	-
TEA3 25	TEA3 25_1.0	1	29/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	120	5,310	880	6,310	0.7	-	0.9	-	<0.5	-	5.8	-
TEA3 25	TEA 3 25_1.0	1	29/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 25	TEA3 25_2.0	2	29/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 25	TEA 3 25_2.0	2	29/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 26	TEA3 26_0.2	0.2	20/04/2021	ES2114835	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	420	330	750	5.1	-	7.3	-	<0.5	-	52.0	-
TEA3 26	TEA3 26_0.2	0.2	20/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 26	TEA3 26_0.5	0.5	20/04/2021	ES2114835	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	190	110	300	1.5	-	2.0	-	<0.5	-	16.3	-
TEA3 26	TEA3 26_0.5	0.5	20/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 27	TEA3 27_0.2	0.2	20/04/2021	ES2114835	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	1,120	600	1,720	20.3	-	28.8	-	0.5	-	212	-
TEA3 27	TEA3 27_0.2	0.2	20/04/2021	ES2114835	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TEA3 27	TEA3 27_0.2	0.2	20/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 27	TEA3 27_0.5	0.5	20/04/2021	ES2114835	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	350	440	790	2.7	-	3.5	-	<0.5	-	28.6	-
TEA3 27	TEA3 27_0.5	0.5	20/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 13	TEA5 13_0.5	0.5	22/04/2021	ES2115305	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	1,060	900	1,960	3.4	-	4.4	-	<0.5	-	32.2	-
TEA5 13	TEA5 13_0.5	0.5	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 15	TEA5 15_0.5	0.5	11/05/2021	ES2117691	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 15	TEA5 15_1.0	1	11/05/2021	ES2117691	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 17	TEA5 17_1.0	1	14/04/2021	ES2113964	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-

						BTEX				TRH					PAH							
						Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benz(a) pyrene		Benz(a)pyrene TEQ calc (Zero)		Naphthalene		PAHs (Sum of total)	
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
TEA5 17	TEA5 17_2.0	2	14/04/2021	ES2113964	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	200	140	340	2.1	-	2.7	-	<0.5	-	19.6	-
TEA5 17	TEA5 17_2.0	2	14/04/2021	ES2115955	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 19	TEA5 19_1.0	1	27/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	21	110	4,640	1,670	6,420	3.0	-	4.0	-	<0.5	-	45.9	-
TEA5 19	TEA5 19_1.0	1	27/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 20	TEA 5 20_0.2	0.2	23/06/2021	ES2123456	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	420	270	690	5.2	<0.5	7.6	<0.5	<0.5	<1.0	66.9	<0.5
TEA5 20	TEA 5 20_0.5	0.5	23/06/2021	ES2123456	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	260	170	430	1.3	<0.5	1.7	<0.5	<0.5	<1.0	11.8	<0.5
TEA5 20	TEA 5 20_1	1	23/06/2021	ES2123456	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
TEA5 20	TEA 5 20_2	2	23/06/2021	ES2123456	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	1.5	<0.5
TEA5 21	TEA 5 21_0.2	0.2	21/04/2021	ES2114835	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 23	TEA5 23_0.2	0.2	28/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	200	<100	200	1.7	-	2.2	-	<0.5	-	22.7	-
TEA5 23	TEA5 23_0.2	0.2	28/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 23	TEA5 23_0.5	0.5	28/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 23	TEA5 23_1.0	1	28/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 24	TEA5 24_1.0	1	27/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	270	280	550	1.6	-	2.1	-	<0.5	-	13.4	-
TEA5 24	TEA5 24_1.0	1	27/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 25	TEA5 25_0.5	0.5	13/05/2021	ES2117943	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 25	TEA5 25_1.0	1	13/05/2021	ES2117943	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 25	TEA5 25_2.0	2	13/05/2021	ES2117943	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 25	TEA5 25_3.0	3	13/05/2021	ES2117943	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	220	<100	220	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 26	TEA5 26_0.5	0.5	22/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	380	210	590	1.0	-	1.2	-	<0.5	-	7.6	-
TEA5 26	TEA5 26_0.5	0.5	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 26	TEA5 26_1.0	1	22/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	240	300	540	1.8	-	2.4	-	<0.5	-	22.9	-
TEA5 26	TEA5 26_1.0	1	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 27	TEA5 27_0.5	0.5	21/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 27	TEA5 27_1.0	1	21/04/2021	ES2115147	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	4.9	-
TEA5 28	TEA5 28_1.0	1	14/04/2021	ES2113964	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA5 29	TEA5 29_0.5	0.5	13/05/2021	ES2117943	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA5 29	TEA5 29_1.0	1	13/05/2021	ES2117943	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA5 29	TEA5 29_2.0	2	13/05/2021	ES2117943	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.1	-
TEA5 29	TEA5 29_3.0	3	13/05/2021	ES2117943	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 30	TEA5 30_2.0	2	23/04/2021	ES2115305	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	200	100	300	1.6	-	2.1	-	<0.5	-	22.0	-
TEA5 30	TEA5 30_2.0	2	23/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 32	TEA5 32_0.2	0.2	23/04/2021	ES2115558	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	1.3	-	1.4	-	<0.5	-	6.5	-
TEA5 32	TEA5 32_0.2	0.2	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 32	TEA5 32_0.5	0.5	23/04/2021	ES2115558	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 32	TEA5 32_1.0	1	23/04/2021	ES2115558	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 32	TEA5 32_Frag_0.0	0	23/04/2021	ES2115558	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_0.2	0.2	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 33	TEA5 33_0.5	0.5	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.3	-
TEA5 33	TEA5 33_1.0	1	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	4.7	-
TEA5 33	TEA5 33_1.0	1	26/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_2.0	2	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	90	320	<100	410	<0.5	-	<0.5	-	<0.5	-	1.9	-
TEA5 34	TEA5 34_0.5	0.5	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 34	TEA5 34_1.0	1	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	1.4	-	1.8	-	<0.5	-	16.3	-
TEA5 35	TEA5 35_0.5	0.5	27/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.3	-
TT01 18	TT01 18_0.5	0.5	11/05/2021	ES2117691	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 18	TT01 18_0.5	0.5	11/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 18	TT01 18_1.0	1	11/05/2021	ES2117691	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 23	TT01 23_0.2	0.2	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	450	260	710	6.4	-	8.8	-	<0.5	-	63.4	-
TT01 23	TT01 23_0.2	0.2	7/05/2021	ES2117695	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
TT01 23	TT01 23_0.2	0.2	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 23	TT01 23_0.5	0.5	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	960	370	1,330	18.2	-	24.6	-	1.5	-	234	-
TT01 23	TT01 23_0.5	0.5	7/05/2021	ES2117695	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
TT01 23	TT01 23_0.5	0.5	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	1.6	-	13.5
TT01 23	TT01 23_1.0	1	7/05/2021	ES2117695	FILL	<0.2	<0.5	<0.5	<0.5	<10	120	1,270	840	2,230	13.7	-	18.1	-	2	-	192	-
TT01 23	TT01 23_1.0	1	7/05/2021	ES2117695	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	-	-	-
TT01 23	TT01 23_1.0	1	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 62	TT01 62_0.2	0.2	23/04/2021	ES2115558	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	810	500	1,310	21.9	-	31.2	-	1.0	-	205	-
TT01 62	TT01 62_0.2	0.2	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 62	TT01 62_0.5	0.5	23/04/2021	ES2115558	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	310	180	490	<0.5	-	<0.5	-	<0.5	-	1.8	-
TT01 62	TT01 62_0.5	0.5	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_2.0	2	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 62	TT01 62_FRAG_0.0	0	23/04/2021	ES2115558	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 73	TT01 73_0.5	0.5	12/05/2021	ES2117739	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	1,120	<100	1,120	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT02 13	TT02 13_0.5	0.5	18/05/2021	ES2118640	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT02 16	TT02 16_0.2	0.2	3/05/2021	ES2118682	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT02 16	TT02 16_0.5	0.5	3/05/2021	ES2116789	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 101	TT01 101_0.5	0.5	10/05/2021	ES2118168	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	620	400	1,020	7.3	-	10.0	-	<0.5	-	82.0	-
TT01 101	TT01 101_0.5	0.5	10/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 101	TT01 101_1.0	1	10/05/2021	ES2118168	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	240	290	530	1.2	-	1.6	-	<0.5	-	10.8	-
TT01 101	TT01 101_1.0	1	10/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 101	TT01 101_2.0	2	10/05/2021	ES2118168	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.3	-
TT01 143	TT01 143_0.5	0.5	27/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 154	QA60A_070521	0.2	7/05/2021	795754	FILL	<0.1	<0.1	<0.1	<0.3	<20	<50	110	140	250	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 158	TT01 158_0.2	0.2	27/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 179	TT01 179_0.2	0.2	29/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.0	-
TT01 179	TT01 179_0.5	0.5	29/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	520	180	700	9.6	-	13.7	-	0.6	-	95.3	-
TT01 179	TT01 179_0.5	0.5	29/04/2021	ES2116067	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TT01 179	TT01 179_0.5	0.5	29/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 179	TT01 179_1.0	1	29/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	27	<50	370	160	530	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 179	TT01 179_2.0	2	29/04/2021	ES2116067	FILL	<0.2	<0.5	<0.5	<0.5	31	160	350	<100	510	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 181	TT01 181_0.5	0.5	22/04/2021	ES2115305	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	230	170	400	1.1	-	1.4	-	<0.5	-	9.3	-
TT01 181	TT01 181_0.5	0.5	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 211	TT01 211_0.2	0.2	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 211	TT01 211_0.5	0.5	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	160	<100	160	0.7	-	0.8	-	<0.5	-	3.3	-
TT01 211	TT01 211_1.0	1	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.7	-	0.8	-	<0.5	-	7.2	-
TT01 211	TT01 211_1.0	1	26/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 211	TT01 211_2.0	2	26/04/2021	ES2115695	FILL	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-

Statistics

Number of Results	123	123	123	123	123	123	123	123	123	123	49	123	5	131	5	123	5
Number of Detects	0	0	0	0	4	5	70	51	71	54	0	54	0	10	1	71	1
Minimum Detect	ND	ND	ND	ND	17	90	100	100	100	0.6	ND	0.7	ND	0.5	1.6	1	13.5
Maximum Concentration	<0.2	<0.5	<0.5	<0.5	31	160	5,310	1,670	6,420	38.8	<0.5	56	<0.5	4.4	1.6	412	13.5
Standard Deviation *	0.0077	0.031	0.031	0.015	3.6	19	701	275	964	5.2	0	7.4	0	0.45	0.49	57	5.9
95% UCL (Student's-t) *	0.0999	0.25	0.25	0.25	6.276	31.76	440.4	230.1	633.7	3.03	0.25	4.148	0.25	0.418	1.189	31.48	8.549

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

	Metals																Phenols
	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)	Phenol
	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
EQL	2	100	0.4	50	2	100	5	100	5	100	0.1	1	2	100	5	100	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand	3,000		900		3,600		240,000		1,500		730		6,000		400,000		240,000
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																	
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND																	
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																	
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																	
Airport Regulations 1997 - General soil	500		100		500		5,000		1,500		75		3,000		35,000		42,500

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description																
TEA3 2	TEA3 2_0.2	0.2	14/04/2021	ES2113964	FILL	<5	-	<1	-	27	-	94	-	45	-	<0.1	-	29	-	161	-	-
TEA3 2	TEA3 2_0.2	0.2	14/04/2021	ES2115955	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 2	TEA3 2_0.5	0.5	14/04/2021	ES2113964	FILL	5	-	<1	-	9	-	26	-	66	-	0.2	-	9	-	53	-	-
TEA3 2	TEA3 2_0.5	0.5	14/04/2021	ES2115955	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 2	TEA3 2_1.0	1	14/04/2021	ES2113964	FILL	5	-	<1	-	11	-	70	-	183	-	0.2	-	11	-	144	-	-
TEA3 2	TEA3 2_1.0	1	14/04/2021	ES2115955	FILL	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA3 2	TEA3 2_2.0	2	14/04/2021	ES2113964	FILL	6	-	<1	-	18	-	29	-	89	-	0.6	-	10	-	105	-	<0.5
TEA3 3	TEA3 3_0.2	0.2	11/05/2021	ES2117691	FILL	11	-	<1	-	12	-	147	-	63	-	<0.1	-	15	-	151	-	-
TEA3 3	TEA3 3_0.5	0.5	11/05/2021	ES2117691	FILL	18	-	<1	-	12	-	127	-	61	-	<0.1	-	17	-	167	-	-
TEA3 4	TEA3 4_0.2	0.2	21/04/2021	ES2115147	FILL	<5	-	<1	-	70	-	119	-	33	-	<0.1	-	33	-	84	-	-
TEA3 4	TEA3 4_0.2	0.2	21/04/2021	ES2115147	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 4	TEA3 4_0.2	0.2	21/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 4	TEA3 4_0.5	0.5	21/04/2021	ES2115147	FILL	<5	-	<1	-	31	-	16	-	16	-	<0.1	-	15	-	27	-	-
TEA3 5	TEA3 5_0.2	0.2	20/04/2021	ES2115147	FILL	<5	-	<1	-	14	-	80	-	48	-	<0.1	-	20	-	89	-	<0.5
TEA3 5	TEA3 5_0.2	0.2	20/04/2021	ES2115147	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 5	TEA3 5_0.2	0.2	20/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 6	TEA3 6_0.2	0.2	12/05/2021	ES2117739	FILL	7	-	<1	-	29	-	84	-	28	-	<0.1	-	24	-	104	-	-
TEA3 6	TEA3 6_0.2	0.2	12/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 7	TEA3 7_0.2	0.2	19/04/2021	ES2114835	FILL	6	-	<1	-	28	-	94	-	43	-	<0.1	-	18	-	115	-	-
TEA3 7	TEA3 7_0.2	0.2	19/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 7	TEA3 7_0.5	0.5	19/04/2021	ES2114835	FILL	16	-	<1	-	34	-	147	-	154	-	<0.1	-	21	-	97	-	-
TEA3 7	TEA3 7_0.5	0.5	19/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA3 8	TEA3 8_0.5	0.5	28/04/2021	ES2116067	FILL	<5	-	<1	-	6	-	43	-	26	-	<0.1	-	9	-	52	-	-
TEA3 8	TEA3 8_1.0	1	28/04/2021	ES2116067	FILL	<5	-	<1	-	11	-	56	-	23	-	<0.1	-	18	-	84	-	-
TEA3 8	TEA3 8_2.0	2	28/04/2021	ES2116067	FILL	<5	-	<1	-	11	-	24	-	22	-	<0.1	-	10	-	33	-	<0.5
TEA3 9	TEA3 9_0.2	0.2	20/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 9	TEA3 9_0.2	0.2	21/04/2021	ES2115147	FILL	<5	-	<1	-	12	-	74	-	26	-	<0.1	-	12	-	256	-	-
TEA5 3	TEA5 3_0.2	0.2	7/05/2021	ES2117695	FILL	5	-	<1	-	10	-	57	-	26	-	<0.1	-	9	-	68	-	<0.5
TEA5 3	TEA5 3_0.2	0.2	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 3	TEA5 3_0.5	0.5	7/05/2021	ES2117695	FILL	<5	-	<1	-	6	-	51	-	54	-	<0.1	-	16	-	91	-	-
TEA5 3	TEA5 3_0.5	0.5	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 3	TEA5 3_1.0	1	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 4	QA51_070521	0.5	7/05/2021	ES2117695	FILL	6	-	<1	-	8	-	54	-	42	-	0.1	-	11	-	190	-	<0.5
TEA5 4	QA51A_070521	0.5	7/05/2021	795753	FILL	7.0	-	<0.4	-	13	-	74	-	63	-	0.1	-	14	-	470	-	<0.5
TEA5 4	TEA5 4_0.5	0.5	7/05/2021	ES2117695	FILL	<5	-	<1	-	5	-	60	-	35	-	<0.1	-	8	-	170	-	<0.5
TEA5 5	TEA5 5_0.2	0.2	7/05/2021	ES2117695	FILL	5	-	<1	-	9	-	48	-	38	-	0.1	-	10	-	95	-	-
TEA5 5	TEA5 5_0.2	0.2	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 5	TEA5 5_0.5	0.5	7/05/2021	ES2117695	FILL	6	-	2	-	8	-	54	-	63	-	0.1	-	12	-	168	-	-
TEA5 5	TEA5 5_0.5	0.5	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 5	TEA5 5_1.0	1	7/05/2021	ES2117695	FILL	7	-	<1	-	8	-	84	-	193	-	0.4	-	18	-	134	-	-
TEA5 5	TEA5 5_1.0	1	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	2,600	-	-	-	-	-	-	-
TEA5 5	TEA5 5_2.0	2	7/05/2021	ES2117695	FILL	12	-	2	-	14	-	172	-	317	-	0.1	-	61	-	726	-	-
TEA5 5	TEA5 5_2.0	2	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	200	-	-	-	100	-	-	-
TEA5 8	TEA5 8_2.0	2	23/04/2021	ES2115305	FILL	8	-	<1	-	16	-	40	-	35	-	<0.1	-	20	-	98	-	-
TEA5 9	TEA5 9_0.5	0.5	22/04/2021	ES2115147	FILL	8	-	<1	-	22	-	19	-	38	-	<0.1	-	14	-	54	-	-
TEA5 9	TEA5 9_1.0	1	22/04/2021	ES2115147	FILL	20	-	1	-	13	-	229	-	138	-	0.2	-	14	-	179	-	<0.5
TEA5 9	TEA5 9_1.0	1	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	-
TEA5 9	TEA5 9_2.0	2	22/04/2021	ES2115147	FILL	<5	-	<1	-	16	-	38	-	20	-	<0.1	-	13	-	63	-	<0.5
TEA6 2	TEA6 2_0.5	0.5	10/05/2021	ES2118168	FILL	6	-	<1	-	10	-	80	-	159	-	0.4	-	10	-	138	-	<0.5
TEA6 2	TEA6 2_0.5	0.5	10/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	500	-	-	-	-	-	-	-
TEA3 10	TEA3 10_0.5	0.5	23/04/2021	ES2115558	FILL	<5	-	<1	-	10	-	25	-	33	-	<0.1	-	5	-	41	-	-
TEA3 10	TEA3 10_1.0	1	23/04/2021	ES2115558	FILL	<5	-	<1	-	7	-	23	-	18	-	<0.1	-	3	-	28	-	-
TEA3 10	TEA3 10_1.0	1	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 11	TEA3 11_0.2	0.2	21/04/2021	ES2115147	FILL	<5	-	<1	-	12	-	71	-	44	-	<0.1	-	16	-	157	-	<0.5
TEA3 11	TEA3 11_0.2	0.2	21/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 11	TEA3 11_0.5	0.5	21/04/2021	ES2115147	FILL	<5	-	<1	-	15	-	14	-	20	-	<0.1	-	12	-	43	-	-
TEA3 13	TEA3 13_0.2	0.2	27/04/2021	ES2115695	FILL	<5	-	<1	-	18	-	12	-	13	-	<0.1	-	7	-	45	-	-
TEA3 13	TEA3 13_0.5	0.5	27/04/2021	ES2115695	FILL	<5	-	<1	-	4	-	<5	-	22	-	<0.1	-	<2	-	7	-	-
TEA3 13	TEA3 13_1.0	1	27/04/2021	ES2115695	FILL	<5	-	<1	-	14	-	11	-	28	-	<0.1	-	3	-	31	-	-
TEA3 15	TEA3 15 _0.5	0.5	27/04/2021	ES2116067	FILL	<5	-	<1	-	9	-	50	-	31	-	0.2	-	3	-	48	-	<0.5
TEA3 15	TEA 3 15 _0.5	0.5	27/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 15	TEA3 15 _1.0	1	27/04/2021	ES2116067	FILL	<5	-	<1	-	7	-	20	-	64	-	0.1	-	10	-	102	-	-
TEA3 15	TEA3 15 _2.0	2	27/04/2021	ES2116067	FILL	<5	-	<1	-	4	-	22	-	18	-	<0.1	-	<2	-	9	-	<0.5
TEA3 16	TEA3 16_0.5	0.5	12/05/2021	ES2117739	FILL	8	-	1	-	22	-	71	-	165	-	0.1	-	8	-	137	-	-
TEA3 16	TEA3 16_0.5	0.5	12/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-
TEA3 18	TEA3 18_0.2	0.2	12/05/2021	ES2117739	FILL	<5	-	<1	-	15	-	9	-	16	-	<0.1	-	25	-	32	-	-
TEA3 18	TEA3 18_0.5	0.5	12/05/2021	ES2117739	FILL	<5	-	<1	-	101	-	44	-	64	-	<0.1	-	109	-	107	-	<0.5
TEA3 18	TEA3 18_0.5	0.5	12/05/2021	ES2119531	FILL	-	-	-	-	-	<100	-	-	-	13,500	-	-	-	-	-	-	-
TEA3 18	TEA3 18_1.0	1	12/05/2021	ES2117739	FILL	6	-	<1	-	12	-	28	-	41	-	<0.1	-	8	-	78	-	-
TEA3 20	QA22_260421	3	26/04/2021	ES2115695	FILL	6	-	<1	-	9	-	22	-	18	-	<0.1	-	2	-	17	-	<0.5
TEA3 20	QA22A_26021	3	26/04/2021	791719	FILL	7	-	<0.4	-	14	-	19	-	26	-	<0.1	-	<5	-	15	-	<0.5
TEA3 20	TEA3 20_3.0	3	26/04/2021	ES2115695	FILL	<5	-	<1	-	7	-	13	-	21	-	<0.1	-	<2	-	8	-	-
TEA3 20	TEA3 20_4.0	4	26/04/2021	ES2115695	FILL	7	-	<1	-	11	-	29	-	69	-	<0.1	-	6	-	73	-	<0.5
TEA3 21	TEA3 21_0.2	0.2	21/04/2021	ES2115147	FILL	<5	-	<1	-	17	-	44	-	43	-	<0.1	-	15	-	78	-	<0.5
TEA3 21	TEA3 21_0.5	0.5	21/04/2021	ES2115147	FILL	<5	-	<1	-	30	-	39	-	41	-	<0.1	-	14	-	91	-	-
TEA3 23	TEA3 23_0.2	0.2	27/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TEA3 23	TEA3 23_0.5	0.5	27/04/2021	ES2115695	FILL	<5	-	<1	-	6	-	6	-	19	-	<0.1	-	3	-	38	-	<0.5
TEA3 23	TEA3 23_1.0	1	27/04/2021	ES2115695	FILL	<5	-	<1	-	8	-	<5	-	19	-	<0.1	-	<2	-	<5	-	-
TEA3 23	TEA3 23_2.0	2	27/04/2021	ES2115695	FILL	7	-	<1	-	17	-	272	-	87	-	<0.1	-	16	-	95	-	-
TEA3 25	TEA 3 25_0.2	0.2	29/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 25	TEA3 25_0.5	0.5	29/04/2021	ES2116067	FILL	<5	-	<1	-	14	-	10	-	21	-	<0.1	-	4	-	39	-	<0.5
TEA3 25	TEA3 25_1.0	1	29/04/2021	ES2116067	FILL	18	-	2	-	104	-	205	-	424	-	0.7	-	21	-	402	-	-
TEA3 25	TEA 3 25_1.0	1	29/04/2021	ES2117942	FILL	-	-	-	-	-	<100	-	-	-	400	-	-	-	-	-	-	-
TEA3 25	TEA3 25_2.0	2	29/04/2021	ES2116067	FILL	10	-	12	-	39	-	540	-	152	-	0.1	-	22	-	174	-	<0.5
TEA3 25	TEA 3 25_2.0	2	29/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	600	-	-	-	-	-	-	-
TEA3 26	TEA3 26_0.2	0.2	20/04/2021	ES2114835	FILL	<5	-	<1	-	31	-	77	-	35	-	<0.1	-	26	-	147	-	-
TEA3 26	TEA3 26_0.2	0.2	20/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 26	TEA3 26_0.5	0.5	20/04/2021	ES2114835	FILL	<5	-	<1	-	29	-	50	-	18	-	<0.1	-	23	-	64	-	<0.5
TEA3 26	TEA3 26_0.5	0.5	20/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 27	TEA3 27_0.2	0.2	20/04/2021	ES2114835	FILL	<5	-	<1	-	25	-	113	-	28	-	<0.1	-	18	-	106	-	<0.5
TEA3 27	TEA3 27_0.2	0.2	20/04/2021	ES2114835	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 27	TEA3 27_0.2	0.2	20/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 27	TEA3 27_0.5	0.5	20/04/2021	ES2114835	FILL	<5	-	<1	-	28	-	124	-	15	-	<0.1	-	17	-	66	-	-
TEA3 27	TEA3 27_0.5	0.5	20/04/2021	ES2116364	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 13	TEA5 13_0.5	0.5	22/04/2021	ES2115305	FILL	<5	-	<1	-	12	-	83	-	38	-	<0.1	-	20	-	102	-	-
TEA5 13	TEA5 13_0.5	0.5	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 15	TEA5 15_0.5	0.5	11/05/2021	ES2117691	FILL	21	-	<1	-	10	-	91	-	35	-	<0.1	-	12	-	74	-	-
TEA5 15	TEA5 15_1.0	1	11/05/2021	ES2117691	FILL	7	-	<1	-	7	-	32	-	31	-	<0.1	-	3	-	30	-	-
TEA5 17	TEA5 17_1.0	1	14/04/2021	ES2113964	FILL	<5	-	<1	-	8	-	28	-	52	-	<0.1	-	4	-	79	-	-

						Metals																Phenols
						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)	Phenol
						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
TEA5 17	TEA5 17_2.0	2	14/04/2021	ES2113964	FILL	<5	-	<1	-	12	-	47	-	65	-	0.2	-	14	-	100	-	-
TEA5 17	TEA5 17_2.0	2	14/04/2021	ES2115955	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_1.0	1	27/04/2021	ES2115695	FILL	12	-	5	-	106	-	180	-	320	-	0.2	-	55	-	948	-	-
TEA5 19	TEA5 19_1.0	1	27/04/2021	ES2117942	FILL	-	-	-	-	-	<100	-	-	-	400	-	-	-	200	-	-	-
TEA5 20	TEA 5 20_0.2	0.2	23/06/2021	ES2123456	FILL	9	<100	<1	<50	21	<100	74	<100	71	100	<0.1	<1.0	21	<100	341	1,700	-
TEA5 20	TEA 5 20_0.5	0.5	23/06/2021	ES2123456	FILL	15	<100	<1	<50	58	<100	159	<100	120	<100	0.1	<1.0	39	<100	661	2,700	-
TEA5 20	TEA 5 20_1	1	23/06/2021	ES2123456	FILL	8	<100	<1	<50	13	<100	74	<100	60	<100	<0.1	<1.0	12	<100	174	800	-
TEA5 20	TEA 5 20_2	2	23/06/2021	ES2123456	FILL	<5	<100	<1	<50	5	<100	11	<100	106	600	<0.1	<1.0	<2	<100	87	600	-
TEA5 21	TEA 5 21_0.2	0.2	21/04/2021	ES2114835	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 23	TEA5 23_0.2	0.2	28/04/2021	ES2116067	FILL	9	-	<1	-	17	-	56	-	44	-	<0.1	-	17	-	109	-	-
TEA5 23	TEA5 23_0.2	0.2	28/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 23	TEA5 23_0.5	0.5	28/04/2021	ES2116067	FILL	<5	-	<1	-	14	-	7	-	14	-	<0.1	-	20	-	32	-	-
TEA5 23	TEA5 23_1.0	1	28/04/2021	ES2116067	FILL	<5	-	<1	-	5	-	33	-	31	-	<0.1	-	5	-	21	-	-
TEA5 24	TEA5 24_1.0	1	27/04/2021	ES2115695	FILL	34	-	<1	-	51	-	138	-	95	-	0.1	-	27	-	143	-	-
TEA5 24	TEA5 24_1.0	1	27/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 25	TEA5 25_0.5	0.5	13/05/2021	ES2117943	FILL	9	-	<1	-	12	-	78	-	64	-	<0.1	-	11	-	220	-	<0.5
TEA5 25	TEA5 25_1.0	1	13/05/2021	ES2117943	FILL	11	-	<1	-	20	-	6	-	42	-	<0.1	-	<2	-	9	-	-
TEA5 25	TEA5 25_2.0	2	13/05/2021	ES2117943	FILL	10	-	<1	-	20	-	12	-	43	-	<0.1	-	6	-	33	-	-
TEA5 25	TEA5 25_3.0	3	13/05/2021	ES2117943	FILL	9	-	<1	-	17	-	48	-	56	-	0.2	-	7	-	141	-	<0.5
TEA5 26	TEA5 26_0.5	0.5	22/04/2021	ES2115147	FILL	33	-	2	-	18	-	423	-	225	-	<0.1	-	19	-	226	-	<0.5
TEA5 26	TEA5 26_0.5	0.5	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA5 26	TEA5 26_1.0	1	22/04/2021	ES2115147	FILL	<5	-	<1	-	5	-	30	-	22	-	<0.1	-	22	-	172	-	<0.5
TEA5 26	TEA5 26_1.0	1	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 27	TEA5 27_0.5	0.5	21/04/2021	ES2115147	FILL	<5	-	<1	-	26	-	16	-	10	-	<0.1	-	33	-	33	-	<0.5
TEA5 27	TEA5 27_1.0	1	21/04/2021	ES2115147	FILL	<5	-	<1	-	5	-	31	-	13	-	<0.1	-	3	-	38	-	-
TEA5 28	TEA5 28_1.0	1	14/04/2021	ES2113964	FILL	<5	-	<1	-	7	-	38	-	27	-	<0.1	-	8	-	47	-	-
TEA5 29	TEA5 29_0.5	0.5	13/05/2021	ES2117943	FILL	7	-	<1	-	8	-	55	-	41	-	<0.1	-	16	-	71	-	-
TEA5 29	TEA5 29_1.0	1	13/05/2021	ES2117943	FILL	8	-	<1	-	11	-	35	-	60	-	<0.1	-	11	-	56	-	-
TEA5 29	TEA5 29_2.0	2	13/05/2021	ES2117943	FILL	9	-	<1	-	13	-	24	-	32	-	<0.1	-	6	-	46	-	<0.5
TEA5 29	TEA5 29_3.0	3	13/05/2021	ES2117943	FILL	11	-	<1	-	9	-	54	-	24	-	<0.1	-	16	-	60	-	-
TEA5 30	TEA5 30_2.0	2	23/04/2021	ES2115305	FILL	7	-	<1	-	22	-	44	-	53	-	<0.1	-	14	-	90	-	-
TEA5 30	TEA5 30_2.0	2	23/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_0.2	0.2	23/04/2021	ES2115558	FILL	8	-	<1	-	10	-	99	-	76	-	<0.1	-	6	-	76	-	<0.5
TEA5 32	TEA5 32_0.2	0.2	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_0.5	0.5	23/04/2021	ES2115558	FILL	<5	-	<1	-	9	-	52	-	34	-	<0.1	-	3	-	48	-	-
TEA5 32	TEA5 32_1.0	1	23/04/2021	ES2115558	FILL	<5	-	<1	-	4	-	29	-	80	-	<0.1	-	3	-	47	-	-
TEA5 32	TEA5 32_Frag_0.0	0	23/04/2021	ES2115558	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_0.2	0.2	26/04/2021	ES2115695	FILL	8	-	<1	-	14	-	36	-	42	-	<0.1	-	8	-	93	-	-
TEA5 33	TEA5 33_0.5	0.5	26/04/2021	ES2115695	FILL	<5	-	<1	-	4	-	<5	-	20	-	<0.1	-	<2	-	18	-	<0.5
TEA5 33	TEA5 33_1.0	1	26/04/2021	ES2115695	FILL	16	-	<1	-	9	-	45	-	128	-	0.3	-	15	-	112	-	-
TEA5 33	TEA5 33_1.0	1	26/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-
TEA5 33	TEA5 33_2.0	2	26/04/2021	ES2115695	FILL	8	-	<1	-	10	-	46	-	28	-	<0.1	-	32	-	140	-	<0.5
TEA5 34	TEA5 34_0.5	0.5	26/04/2021	ES2115695	FILL	<5	-	<1	-	4	-	59	-	53	-	<0.1	-	3	-	78	-	-
TEA5 34	TEA5 34_1.0	1	26/04/2021	ES2115695	FILL	12	-	<1	-	13	-	33	-	75	-	0.3	-	11	-	82	-	-
TEA5 35	TEA5 35_0.5	0.5	27/04/2021	ES2116067	FILL	<5	-	<1	-	9	-	<5	-	14	-	<0.1	-	2	-	16	-	-
TT01 18	TT01 18_0.5	0.5	11/05/2021	ES2117691	FILL	5	-	<1	-	7	-	88	-	162	-	0.1	-	12	-	180	-	-
TT01 18	TT01 18_0.5	0.5	11/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-
TT01 18	TT01 18_1.0	1	11/05/2021	ES2117691	FILL	12	-	<1	-	6	-	47	-	60	-	<0.1	-	22	-	167	-	<0.5
TT01 23	TT01 23_0.2	0.2	7/05/2021	ES2117695	FILL	<5	-	<1	-	12	-	51	-	64	-	<0.1	-	14	-	94	-	-
TT01 23	TT01 23_0.2	0.2	7/05/2021	ES2117695	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 23	TT01 23_0.2	0.2	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 23	TT01 23_0.5	0.5	7/05/2021	ES2117695	FILL	<5	-	<1	-	17	-	39	-	65	-	0.1	-	8	-	68	-	-
TT01 23	TT01 23_0.5	0.5	7/05/2021	ES2117695	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 23	TT01 23_0.5	0.5	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 23	TT01 23_1.0	1	7/05/2021	ES2117695	FILL	<5	-	<1	-	8	-	33	-	54	-	<0.1	-	9	-	71	-	-
TT01 23	TT01 23_1.0	1	7/05/2021	ES2117695	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 23	TT01 23_1.0	1	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_0.2	0.2	23/04/2021	ES2115558	FILL	7	-	<1	-	13	-	83	-	71	-	<0.1	-	14	-	245	-	-
TT01 62	TT01 62_0.2	0.2	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_0.5	0.5	23/04/2021	ES2115558	FILL	86	-	1	-	11	-	385	-	118	-	<0.1	-	13	-	92	-	-
TT01 62	TT01 62_0.5	0.5	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TT01 62	TT01 62_2.0	2	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_FRAG_0.0	0	23/04/2021	ES2115558	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 73	TT01 73_0.5	0.5	12/05/2021	ES2117739	FILL	<5	-	<1	-	8	-	7	-	21	-	0.3	-	<2	-	20	-	<0.5
TT02 13	TT02 13_0.5	0.5	18/05/2021	ES2118640	FILL	10	-	<1	-	9	-	51	-	65	-	0.2	-	8	-	92	-	-
TT02 16	TT02 16_0.2	0.2	3/05/2021	ES2118682	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 16	TT02 16_0.5	0.5	3/05/2021	ES2116789	FILL	<5	-	<1	-	7	-	<5	-	12	-	<0.1	-	<2	-	10	-	<0.5
TT01 101	TT01 101_0.5	0.5	10/05/2021	ES2118168	FILL	<5	-	<1	-	10	-	50	-	75	-	0.2	-	9	-	92	-	<0.5
TT01 101	TT01 101_0.5	0.5	10/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 101	TT01 101_1.0	1	10/05/2021	ES2118168	FILL	<5	-	<1	-	19	-	33	-	70	-	0.2	-	10	-	85	-	-
TT01 101	TT01 101_1.0	1	10/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 101	TT01 101_2.0	2	10/05/2021	ES2118168	FILL	<5	-	<1	-	8	-	9	-	22	-	<0.1	-	3	-	28	-	<0.5
TT01 143	TT01 143_0.5	0.5	27/04/2021	ES2115695	FILL	<5	-	<1	-	17	-	14	-	16	-	<0.1	-	8	-	17	-	-
TT01 154	QA60A_070521	0.2	7/05/2021	795754	FILL	4.0	-	<0.4	-	29	-	32	-	26	-	<0.1	-	24	-	92	-	-
TT01 158	TT01 158_0.2	0.2	27/04/2021	ES2116067	FILL	<5	-	<1	-	19	-	121	-	15	-	<0.1	-	7	-	45	-	<0.5
TT01 179	TT01 179_0.2	0.2	29/04/2021	ES2116067	FILL	<5	-	<1	-	11	-	14	-	17	-	<0.1	-	6	-	36	-	-
TT01 179	TT01 179_0.5	0.5	29/04/2021	ES2116067	FILL	<5	-	<1	-	8	-	49	-	53	-	<0.1	-	9	-	90	-	-
TT01 179	TT01 179_0.5	0.5	29/04/2021	ES2116067	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 179	TT01 179_0.5	0.5	29/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 179	TT01 179_1.0	1	29/04/2021	ES2116067	FILL	<5	-	<1	-	12	-	42	-	22	-	<0.1	-	23	-	293	-	<0.5
TT01 179	TT01 179_2.0	2	29/04/2021	ES2116067	FILL	6	-	<1	-	9	-	40	-	22	-	<0.1	-	21	-	118	-	-
TT01 181	TT01 181_0.5	0.5	22/04/2021	ES2115305	FILL	12	-	<1	-	29	-	93	-	54	-	<0.1	-	18	-	112	-	-
TT01 181	TT01 181_0.5	0.5	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 211	TT01 211_0.2	0.2	26/04/2021	ES2115695	FILL	32	-	<1	-	20	-	10	-	22	-	<0.1	-	4	-	20	-	-
TT01 211	TT01 211_0.5	0.5	26/04/2021	ES2115695	FILL	<5	-	<1	-	8	-	15	-	24	-	<0.1	-	5	-	36	-	-
TT01 211	TT01 211_1.0	1	26/04/2021	ES2115695	FILL	6	-	<1	-	12	-	61	-	157	-	0.1	-	5	-	115	-	<0.5
TT01 211	TT01 211_1.0	1	26/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	600	-	-	-	-	-	-	-
TT01 211	TT01 211_2.0	2	26/04/2021	ES2115695	FILL	7	-	<1	-	9	-	69	-	15	-	<0.1	-	2	-	20	-	-

Statistics

Number of Results	123	4	123	4	123	7	123	4	123	21	123	4	123	6	123	4	40
Number of Detects	61	0	9	0	123	0	118	0	123	17	30	0	113	2	122	4	0
Minimum Detect	4	ND	1	ND	4	ND	6	ND	10	100	0.1	ND	2	100	7	600	ND
Maximum Concentration	86	<100	12	<50	106	<100	540	<100	424	13,500	0.7	<1	109	200	948	2,700	<0.5
Standard Deviation *	9.3	0	1.1	0	17	0	78	0	64	2,913	0.1	0	13	61	132	961	0
95% UCL (Student's-t) *	8.354	50	0.854	25	19.38	50	76.75	50	69.89	2,106	0.104	0.5	15.52	133.1	131.4	2,581	0.25

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

| | | |

						Organochlorine Pesticides												Organophosphorous Pesticides		PCBs	Perfluoroalkane Carboxylic Acids	PFAS			Asbestos	
						Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	Asbestos fibres	Asbestos Type
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	-
TEA5 17	TEA5 17_2.0	2	14/04/2021	ES2113964	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 17	TEA5 17_2.0	2	14/04/2021	ES2115955	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_1.0	1	27/04/2021	ES2115695	FILL	<0.25 [#3]	<0.08 [#3]	<0.08 [#3]	<0.25 [#3]	<0.25 [#3]	<1.0 [#3]	<0.08 [#3]	<0.25 [#3]	<150 [#3]	<0.25 [#3]	<0.25 [#3]	<1.0 [#3]	<0.25 [#3]	11.9	-	-	-	-	No	-
TEA5 19	TEA5 19_1.0	1	27/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 20	TEA 5 20_0.2	0.2	23/06/2021	ES2123456	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 20	TEA 5 20_0.5	0.5	23/06/2021	ES2123456	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 20	TEA 5 20_1	1	23/06/2021	ES2123456	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 20	TEA 5 20_2	2	23/06/2021	ES2123456	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	No	-
TEA5 21	TEA 5 21_0.2	0.2	21/04/2021	ES2114835	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA5 23	TEA5 23_0.2	0.2	28/04/2021	ES2116067	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 23	TEA5 23_0.2	0.2	28/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 23	TEA5 23_0.5	0.5	28/04/2021	ES2116067	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 23	TEA5 23_1.0	1	28/04/2021	ES2116067	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 24	TEA5 24_1.0	1	27/04/2021	ES2115695	FILL	<0.05	0.08	<0.05	<0.05	<0.05	<0.2	1.20	0.08	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 24	TEA5 24_1.0	1	27/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 25	TEA5 25_0.5	0.5	13/05/2021	ES2117943	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 25	TEA5 25_1.0	1	13/05/2021	ES2117943	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 25	TEA5 25_2.0	2	13/05/2021	ES2117943	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	No	-
TEA5 25	TEA5 25_3.0	3	13/05/2021	ES2117943	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	<0.0002	<0.0002	-	No	-
TEA5 26	TEA5 26_0.5	0.5	22/04/2021	ES2115147	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 26	TEA5 26_0.5	0.5	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 26	TEA5 26_1.0	1	22/04/2021	ES2115147	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 26	TEA5 26_1.0	1	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 27	TEA5 27_0.5	0.5	21/04/2021	ES2115147	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 27	TEA5 27_1.0	1	21/04/2021	ES2115147	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 28	TEA5 28_1.0	1	14/04/2021	ES2113964	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 29	TEA5 29_0.5	0.5	13/05/2021	ES2117943	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 29	TEA5 29_1.0	1	13/05/2021	ES2117943	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 29	TEA5 29_2.0	2	13/05/2021	ES2117943	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 29	TEA5 29_3.0	3	13/05/2021	ES2117943	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	No	-
TEA5 30	TEA5 30_2.0	2	23/04/2021	ES2115305	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	No	-
TEA5 30	TEA5 30_2.0	2	23/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_0.2	0.2	23/04/2021	ES2115558	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 32	TEA5 32_0.2	0.2	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_0.5	0.5	23/04/2021	ES2115558	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 32	TEA5 32_1.0	1	23/04/2021	ES2115558	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 32	TEA5 32_Frag_0.0	0	23/04/2021	ES2115558	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	Ch
TEA5 33	TEA5 33_0.2	0.2	26/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 33	TEA5 33_0.5	0.5	26/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 33	TEA5 33_1.0	1	26/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 33	TEA5 33_1.0	1	26/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_2.0	2	26/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	<0.0002	<0.0002	-	No	-
TEA5 34	TEA5 34_0.5	0.5	26/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 34	TEA5 34_1.0	1	26/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 35	TEA5 35_0.5	0.5	27/04/2021	ES2116067	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 18	TT01 18_0.5	0.5	11/05/2021	ES2117691	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 18	TT01 18_0.5	0.5	11/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 18	TT01 18_1.0	1	11/05/2021	ES2117691	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	0.0009	0.0009	-	No	-
TT01 23	TT01 23_0.2	0.2	7/05/2021	ES2117695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 23	TT01 23_0.2	0.2	7/05/2021	ES2117695	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 23	TT01 23_0.2	0.2	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 23	TT01 23_0.5	0.5	7/05/2021	ES2117695	FILL	<0.25 [#3]	<0.08 [#3]	<0.08 [#3]	<0.25 [#3]	<0.25 [#3]	<1.0 [#3]	<0.08 [#3]	<0.25 [#3]	<150 [#3]	<0.25 [#3]	<0.25 [#3]	<1.0 [#3]	<0.25 [#3]	-	-	-	-	-	No	-
TT01 23	TT01 23_0.5	0.5	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 23	TT01 23_1.0	1	7/05/2021	ES2117695	FILL	<0.25 [#3]	<0.08 [#3]	<0.08 [#3]	<0.25 [#3]	<0.25 [#3]	<1.0 [#3]	<0.08 [#3]	<0.25 [#3]	<150 [#3]	<0.25 [#3]	<0.25 [#3]	<1.0 [#3]	<0.25 [#3]	-	-	-	-	-	No	-
TT01 23	TT01 23_1.0	1	7/05/2021	ES2117695	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 23	TT01 23_1.0	1	7/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_0.2	0.2	23/04/2021	ES2115558	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 62	TT01 62_0.2	0.2	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_0.5	0.5	23/04/2021	ES2115558	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 62	TT01 62_0.5	0.5	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_2.0	2	23/04/2021	ES2117299	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_FRAG_0.0	0	23/04/2021	ES2115558	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	Ch+Am
TT01 73	TT01 73_0.5	0.5	12/05/2021	ES2117739	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT02 13	TT02 13_0.5	0.5	18/05/2021	ES2118640	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT02 16	TT02 16_0.2	0.2	3/05/2021	ES2118682	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 16	TT02 16_0.5	0.5	3/05/2021	ES2116789	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 101	TT01 101_0.5	0.5	10/05/2021	ES2118168	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 101	TT01 101_0.5	0.5	10/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 101	TT01 101_1.0	1	10/05/2021	ES2118168	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	No	-
TT01 101	TT01 101_1.0	1	10/05/2021	ES2119531	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 101	TT01 101_2.0	2	10/05/2021	ES2118168	FILL	<0.05	<0.05	0.57	0.07	0.50	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	<0.0002	<0.0002	-	No	-
TT01 143	TT01 143_0.5	0.5	27/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 154	QA60A_070521	0.2	7/05/2021	795754	FILL	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<2	-	<0.1	-	-	-	-	-	-
TT01 158	TT01 158_0.2	0.2	27/04/2021	ES2116067	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 179	TT01 179_0.2	0.2	29/04/2021	ES2116067	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 179	TT01 179_0.5	0.5	29/04/2021	ES2116067	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 179	TT01 179_0.5	0.5	29/04/2021	ES2116067	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 179	TT01 179_0.5	0.5	29/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 179	TT01 179_1.0	1	29/04/2021	ES2116067	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 179	TT01 179_2.0	2	29/04/2021	ES2116067	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	No	-
TT01 181	TT01 181_0.5	0.5	22/04/2021	ES2115305	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 181	TT01 181_0.5	0.5	22/04/2021	ES2116856	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 211	TT01 211_0.2	0.2	26/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 211	TT01 211_0.5	0.5	26/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 211	TT01 211_1.0	1	26/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 211	TT01 211_1.0	1	26/04/2021	ES2117942	FILL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 211	TT01 211_2.0	2	26/04/2021	ES2115695	FILL	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	No	-

Statistics

Number of Results	123	123	123	120	120	123	123	123	120	123	123	123	120	28	13	13	13	2	121	121
Number of Detects	1	3	2	2	2	0	1	3	0	0	0	0	0	2	0	5	5	0	121	121
Minimum Detect	0.15	0.08	0.44	0.06	0.38	ND	1.2	0.08	ND	ND	ND	ND	ND	0.1	ND	0.0002	0.0002	ND	0	1
Maximum Concentration	<0.25	0.37	0.57	<0.25	0.5	<1	1.2	<0.25	<150	<0.25	<0.25	<2	<0.25	11.9	<0.005	<0.005	<0.05	<0.005	1	1
Standard Deviation *	0.028	0.032	0.062	0.027	0.059	0.11	0.11	0.032	13	0.026	0.026	0.17	0.026	2.2	0.0009	0.0013	0.0092	0	0.13	0
95% UCL (Student's-t) *	0.0375	0.0346	0.0437	0.0372	0.0484	0.143	0.0515	0.0395	30.75	0.0362	0.0362	0.177	0.0365	1.203	0.00091475	0.00149	0.0089	0.0025	0.0358	1

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

						BTEX				TRH					PAH									
						Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a) pyrene		Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	PAHs (Sum of total)	Arsenic	Cadmium	Chromium (III+VI)	Chromium (III+VI) (filtered)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L
EQL						0.1	0.1	0.1	0.3	10	50	100	100	50	0.5	0.5	0.5	0.5	0.5	2	0.4	2	100
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand					3	NL	NL	230								40	NL	4,000	3,000	900	3,600	
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil										700	1,000	3,500	10,000										
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)						430	99,000	27,000	81,000		20,000	27,000	38,000					11,000					
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND						160																	
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND						77																	
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)						1,100	120,000	85,000	130,000		62,000	85,000	120,000					29,000					
Airport Regulations 1997 - General soil						1	130	50	25					5,000	5				100	500	100	500	
Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description																		
TEA3 4	TEA3 4_3.0	3	21/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA3 4	TEA3 4_4.0	4	21/04/2021	ES2115147	S1	<0.2	<0.5	<0.5	<0.5	<10	90	440	280	810	<0.5	-	<0.5	0.6	1.2	12	12	36	-
TEA3 4	TEA3 4_4.0	4	21/04/2021	ES2115147	S1	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-
TEA3 4	TEA3 4_4.0	4	21/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 5	TEA3 5_3.0	3	20/04/2021	ES2115147	S1	<0.2	<0.5	<0.5	<0.5	<10	90	300	<100	390	<0.5	-	<0.5	<0.5	<0.5	6	<1	6	-
TEA3 5	TEA3 5_4.0	4	20/04/2021	ES2115147	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	140	120	260	1.5	-	1.9	<0.5	17.1	6	2	10	-
TEA3 5	TEA3 5_4.0	4	20/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA3 7	TEA3 7_5.0	5	19/04/2021	ES2114835	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	2,070	800	2,870	<0.5	-	<0.5	<0.5	<0.5	17	8	91	-
TEA3 7	TEA3 7_5.0	5	19/04/2021	ES2116364	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 4	TEA5 4_2.0	2	7/05/2021	ES2117695	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	<0.5	-	<0.5	<0.5	1.5	6	<1	4	-
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2115147	S1	<0.2	0.7	0.9	<0.5	11	260	10,000	460	10,700	<0.5	-	<0.5	2	6.4	9	13	36	-
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2115147	S1	-	0.8	1.0	-	-	-	-	-	-	-	-	-	6.4	6.5	-	-	-	-
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2115147	S1	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	-	-	-	-
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	TEA3 10_4.0	4	23/04/2021	ES2115558	S1	<0.2	0.6	3.7	2.0	40	<50	760	290	1,050	6.6	-	9.5	0.7	73.4	227	13	58	-
TEA3 10	TEA3 10_4.0	4	23/04/2021	ES2115558	S1	-	-	4.0	-	-	-	-	-	-	7.0	-	10.4	<1	78.7	-	-	-	-
TEA3 15	TEA3 15 _3.0	3	27/04/2021	ES2116067	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	1,310	1,030	2,340	15.4	-	21.0	<0.5	102	<5	<1	10	-
TEA3 15	TEA 3 15 _3.0	3	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA3 15	TEA3 15 _4.0	4	27/04/2021	ES2116067	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	<0.5	1.0	<5	<1	8	-
TEA3 20	TEA3 20_5.0	5	26/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	1,170	330	1,500	4.3	-	5.9	<0.5	39.7	19	<1	17	-
TEA3 20	TEA3 20_5.0	5	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA3 23	TEA3 23_3.0	3	27/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	120	120	240	<0.5	-	<0.5	<0.5	<0.5	<5	<1	60	-
TEA3 23	TEA3 23_4.0	4	27/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.5	-	0.6	<0.5	2.3	10	<1	20	-
TEA3 23	TEA3 23_5.0	5	27/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	<0.5	<10	210	1,620	390	2,220	31.1	-	46.1	<1	517	<5	15	57	-
TEA3 23	TEA3 23_5.0	5	27/04/2021	ES2115695	S1	-	-	-	-	-	-	-	-	-	-	-	-	19.6	-	-	-	-	-
TEA3 23	TEA3 23_5.0	5	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA3 25	TEA3 25_4.0	4	29/04/2021	ES2116067	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	340	270	610	1.6	-	2.1	<0.5	14.8	7	<1	49	-
TEA3 25	TEA 3 25_4.0	4	29/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA3 25	TEA3 25_5.0	5	29/04/2021	ES2116067	S1	<0.2	<0.5	<0.5	<0.5	<10	150	870	200	1,220	1.1	-	1.4	0.5	11.3	6	2	36	-
TEA3 25	TEA3 25_5.0	5	29/04/2021	ES2116067	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 25	TEA3 25_5.0	5	29/04/2021	ES2116067	S1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
TEA3 25	TEA 3 25_5.0	5	29/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA3 27	TEA3 27_4.0	4	20/04/2021	ES2114835	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	200	100	300	<0.5	-	<0.5	<0.5	<0.5	15	9	43	-
TEA3 27	TEA3 27_4.0	4	20/04/2021	ES2116364	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 13	TEA5 13_5.0	5	22/04/2021	ES2115305	S1	<0.2	<0.5	<0.5	<0.5	13	690	7,800	1,290	9,780	<0.5	-	<0.5	<1	6.2	14	7	84	-
TEA5 13	TEA5 13_5.0	5	22/04/2021	ES2115305	S1	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-	-	-
TEA5 13	TEA5 13_5.0	5	22/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 15	TEA5 15_2.0	2	11/05/2021	ES2117691	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	150	<100	150	0.6	-	0.7	<0.5	5.3	10	<1	13	-
TEA5 15	TEA5 15_2.0	2	11/05/2021	ES2119531	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 17	TEA5 17_5.0	5	14/04/2021	ES2113964	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	310	160	470	0.7	-	0.9	<0.5	8.5	10	<1	14	-
TEA5 17	TEA5 17_5.0	5	14/04/2021	ES2115955	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_2.0	2	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_3.0	3	27/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	<0.5	32	300	32,800	3,140	36,200	<0.8[x3]	-	<0.5	<0.8[x3]	4.0	14	<1	48	-
TEA5 19	TEA5 19_3.0	3	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_4.0	4	27/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	0.8	13	<50	650	290	940	<0.5	-	<0.5	<0.5	1.2	33	1	78	-
TEA5 19	TEA5 19_4.0	4	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 21	TEA 5 21_3.0	3	19/04/2021	ES2114835	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	290	170	460	<0.5	-	<0.5	<0.5	<0.5	28	9	70	-
TEA5 21	TEA5 21_3.0	3	19/04/2021	ES2116364	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 21	TEA 5 21_4.0	4	19/04/2021	ES2114835	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	470	290	760	4.7	-	6.5	<0.5	35.7	11	<1	77	-
TEA5 21	TEA5 21_4.0	4	19/04/2021	ES2116364	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-

						BTEX				TRH					PAH								
						Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a) pyrene		Benzo(a)pyrene TEQ calc (Zero)	Naphthalene	PAHs (Sum of total)	Arsenic	Cadmium	Chromium (III+VI)	Chromium (III+VI) (filtered)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L
TEA5 23	TEA5 23_4.0	4	28/04/2021	ES2116067	S1	<0.2	<0.5	0.6	2.0	31	120	<100	<100	120	<0.5	-	<0.5	0.7	0.7	7	2	16	-
TEA5 23	TEA5 23_4.0	4	28/04/2021	ES2116067	S1	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-
TEA5 23	TEA5 23_4:0		28/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 24	TEA5 24_3.0	3	27/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	590	210	800	1.4	-	1.8	<0.5	11.9	33	10	57	-
TEA5 24	TEA5 24_5.0	5	27/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	2,260	320	2,580	<0.5	-	<0.5	<0.5	3.4	8	<1	19	-
TEA5 24	TEA5 24_5.0	5	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 24	TEA5 24_6.0	6	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA5 26	QA44_220421	5	22/04/2021	ES2115147	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	150	<100	150	<0.5	-	<0.5	<0.5	3.1	9	10	36	-
TEA5 26	QA44A_220421	5	22/04/2021	790559	S1	<0.1	0.1	0.2	<0.3	<20	<50	310	110	420	2.3	-	3.1	0.6	34.6	21	13	49	-
TEA5 26	TEA5 26_5.0	5	22/04/2021	ES2115147	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	220	140	360	1.0	-	1.3	<0.5	13.1	7	12	36	-
TEA5 26	TEA5 26_5.0	5	22/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA5 27	TEA5 27_4.0	4	21/04/2021	ES2115147	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	290	<100	290	1.4	-	1.8	<0.5	15.1	18	<1	45	-
TEA5 27	TEA5 27_4.0	4	21/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA5 28	QA35_ 140421	4	14/04/2021	ES2113964	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	1,020	280	1,300	<0.5	-	<0.5	<0.5	1.7	11	2	32	-
TEA5 28	TEA5 28_4.0	4	14/04/2021	ES2113964	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	1,240	340	1,580	<0.5	-	<0.5	<0.5	2.5	13	2	42	-
TEA5 28	TEA5 28_4.0	4	14/04/2021	ES2115955	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 30	TEA5 30_5.0	5	23/04/2021	ES2115305	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	620	210	830	<0.5	-	<0.5	<0.5	2.4	9	<1	33	-
TEA5 32	TEA5 32_5.0	5	23/04/2021	ES2115558	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	180	<100	180	<0.5	-	<0.5	<0.5	1.2	10	3	27	-
TEA5 32	TEA5 32_5.0	5	23/04/2021	ES2117299	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_6.0	6	23/04/2021	ES2115558	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	<0.5	<0.5	11	<1	25	-
TEA5 32	TEA5 32_6.0	6	23/04/2021	ES2117299	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_7.0	7	23/04/2021	ES2115558	S1	<0.2	<0.5	1.5	3.2	164	440	<100	<100	440	<0.5	-	<0.5	<0.5	<0.5	<5	1	13	-
TEA5 32	TEA5 32_7.0	7	23/04/2021	ES2115558	S1	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_7.0	7	23/04/2021	ES2117299	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_6.0	6	26/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	<0.5	<0.5	38	<1	9	-
TEA5 33	TEA5 33_7.0	7	26/04/2021	ES2115695	S1	0.3	<0.5	<0.5	<0.5	18	80	910	220	1,210	1.2	-	1.6	<0.5	18.9	12	<1	294	-
TEA5 33	TEA5 33_7.0	7	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	<100
TEA5 33	TEA5 33_8.0	8	26/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	<0.5	51	190	12,300	930	13,400	<0.5	-	<0.5	1.4	10.5	11	2	12	-
TEA5 33	TEA5 33_8.0	8	26/04/2021	ES2115695	S1	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
TEA5 33	TEA5 33_8.0	8	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_5.0	5	26/04/2021	ES2115695	S1	0.7	<0.5	1.0	<0.5	32	<50	250	<100	250	<0.5	-	<0.5	<0.5	3.0	7	5	28	-
TEA5 34	TEA5 34_5.0	5	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_6.0	6	26/04/2021	ES2115695	S1	0.3	<0.5	2.6	<0.5	28	80	490	160	730	0.8	-	1.0	<0.5	8.1	9	2	46	-
TEA5 34	TEA5 34_6.0	6	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_7.0	7	26/04/2021	ES2115695	S1	<0.2	<0.5	<0.5	<0.5	14	<50	610	300	910	7.0	-	10.0	<0.5	67.3	<5	<1	10	-
TEA5 34	TEA5 34_7.0	7	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TEA5 34	TEA5 34_8.0	8	26/04/2021	ES2115695	S1	0.2	<0.5	1.3	<0.5	25	<50	540	100	640	<0.5	-	<0.5	<0.5	2.6	10	3	70	-
TEA5 34	TEA5 34_8.0	8	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_3.0	3	23/04/2021	ES2115558	S1	<0.2	<0.5	<0.5	<0.5	14	<50	<100	<100	<50	<0.5	-	<0.5	<0.5	<0.5	17	2	56	-
TT01 62	TT01 62_3.0	3	23/04/2021	ES2117299	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_4.0	4	23/04/2021	ES2115558	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	680	300	980	6.8	-	9.7	<0.5	73.0	<5	<1	26	-
TT01 62	TT01 62_4.0	4	23/04/2021	ES2117299	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TT01 62	TT01 62_5.0	5	23/04/2021	ES2115558	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	<0.5	<0.5	6	<1	12	-
TT01 114	TT01 114_5.0	5	30/03/2021	ES2112167	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	770	240	1,010	15.1	-	21.9	1.0	186	6	<1	22	-
TT01 114	TT01 114_6.0	6	30/03/2021	ES2112167	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	580	340	920	1.1	-	1.3	<0.5	8.7	264	107	115	-
TT01 181	TT01 181_4.0	4	22/04/2021	ES2115305	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	<0.5	1.3	8	<1	8	-
TT01 181	TT01 181_5.0	5	22/04/2021	ES2115305	S1	<0.2	2.6	0.8	0.8	19	<50	710	340	1,050	1.5	-	2.0	1.0	22.3	14	4	57	-
TT01 181	TT01 181_5.0	5	22/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-
TT01 181	TT01 181_6.0	6	22/04/2021	ES2115305	S1	<0.2	<0.5	2.0	1.2	58	120	990	220	1,330	<0.5	-	<0.5	3.2	4.9	22	7	58	-
TT01 181	TT01 181_6.0	6	22/04/2021	ES2115305	S1	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
TT01 181	TT01 181_6.0	6	22/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_FRAG_5.0	5	22/04/2021	ES2115305	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 193	TT01 193_5.0	5	31/03/2021	ES2112167	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	<0.5	-	<0.5	<0.5	2.6	14	5	15	-
TT01 193	TT01 193_6.0	6	31/03/2021	ES2112167	S1	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	<0.5	<0.5	<5	<1	13	-
TT01 211	TT01 211_5.0	5	26/04/2021	ES2115695	S1	1.9	5.2	<0.5	<0.5	171	80	<100	<100	80	<0.5	-	<0.5	<0.5	<0.5	<5	<1	7	-

Statistics

Number of Results	54	56	57	54	54	54	54	54	54	55	15	55	68	56	54	54	54	1
Number of Detects	5	7	13	6	17	14	43	35	46	23	0	23	19	44	45	29	54	0
Minimum Detect	0.2	0.1	0.2	0.8	11	80	110	100	80	0.5	ND	0.6	0.5	0.7	6	1	4	ND
Maximum Concentration	1.9	5.2	4	3.2	171	690	32,800	3,140	36,200	31.1	<0.5	46.1	19.6	517	264	107	294	<100
Standard Deviation *	0.26	0.74	0.79	0.53	32	118	4,894	471	5,397	5.1	0	7.5	2.7	74	45	15	43	
95% UCL (Student's-t) *	0.212	0.571	0.741	0.527	24.44	99.1	2,750	393.2	3,179	3.387	0.25	4.79	1.579	42.25	30.32	8.828	50.84	

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

		Metals							Phenols	Organochlorine Pesticides									
		Copper	Lead	Lead (filtered)	Mercury	Nickel	Nickel (filtered)	Zinc	Phenol	Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin
		mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg
EQL		5	5	100	0.1	2	100	5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	50	0.05
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand	240,000	1,500		730	6,000		400,000	240,000		45	530				3,600		2,000,000	100
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																			
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																			
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND																			
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																			
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																			
Airport Regulations 1997 - General soil		5,000	1,500		75	3,000		35,000	42,500	50		250	250	250	1,000		20		

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description															
TEA3 4	TEA3 4_3.0	3	21/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 4	TEA3 4_4.0	4	21/04/2021	ES2115147	S1	296	1,420	-	0.2	40	-	1,870	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA3 4	TEA3 4_4.0	4	21/04/2021	ES2115147	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 4	TEA3 4_4.0	4	21/04/2021	ES2116856	S1	-	-	1,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 5	TEA3 5_3.0	3	20/04/2021	ES2115147	S1	37	20	-	<0.1	26	-	138	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA3 5	TEA3 5_4.0	4	20/04/2021	ES2115147	S1	74	218	-	<0.1	10	-	337	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA3 5	TEA3 5_4.0	4	20/04/2021	ES2116856	S1	-	-	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 7	TEA3 7_5.0	5	19/04/2021	ES2114835	S1	420	1,020	-	0.6	34	-	1,510	<0.5	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]
TEA3 7	TEA3 7_5.0	5	19/04/2021	ES2116364	S1	-	-	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 4	TEA5 4_2.0	2	7/05/2021	ES2117695	S1	28	63	-	<0.1	4	-	69	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2115147	S1	499	2,140	-	0.2	29	-	2,850	<0.5	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2115147	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2115147	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2116856	S1	-	-	13,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	TEA3 10_4.0	4	23/04/2021	ES2115558	S1	716	52,400	-	0.2	125	-	1,250	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA3 10	TEA3 10_4.0	4	23/04/2021	ES2115558	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 15	TEA3 15 _3.0	3	27/04/2021	ES2116067	S1	23	24	-	<0.1	7	-	40	-	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]
TEA3 15	TEA 3 15 _3.0	3	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 15	TEA3 15 _4.0	4	27/04/2021	ES2116067	S1	96	45	-	<0.1	6	-	57	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA3 20	TEA3 20_5.0	5	26/04/2021	ES2115695	S1	268	1,530	-	0.4	22	-	1,690	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA3 20	TEA3 20_5.0	5	26/04/2021	ES2117942	S1	-	-	68,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 23	TEA3 23_3.0	3	27/04/2021	ES2115695	S1	103	75	-	<0.1	36	-	587	<0.5	<0.05	0.06	0.98	0.44	0.54	<0.2	<0.05	0.06	<50	<0.05
TEA3 23	TEA3 23_4.0	4	27/04/2021	ES2115695	S1	46	66	-	<0.1	15	-	154	-	<0.05	<0.05	0.71	0.31	0.40	<0.2	<0.05	<0.05	<50	<0.05
TEA3 23	TEA3 23_5.0	5	27/04/2021	ES2115695	S1	156	596	-	1.3	43	-	4,210	-	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]
TEA3 23	TEA3 23_5.0	5	27/04/2021	ES2115695	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 23	TEA3 23_5.0	5	27/04/2021	ES2117942	S1	-	-	700	-	-	300	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 25	TEA3 25_4.0	4	29/04/2021	ES2116067	S1	106	78	-	0.1	23	-	273	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA3 25	TEA 3 25_4.0	4	29/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 25	TEA3 25_5.0	5	29/04/2021	ES2116067	S1	201	341	-	<0.1	25	-	326	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA3 25	TEA3 25_5.0	5	29/04/2021	ES2116067	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 25	TEA3 25_5.0	5	29/04/2021	ES2116067	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 25	TEA 3 25_5.0	5	29/04/2021	ES2117942	S1	-	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 27	TEA3 27_4.0	4	20/04/2021	ES2114835	S1	401	1,450	-	0.2	86	-	1,690	<0.5	<0.05	0.07	<0.05	<0.05	<0.05	<0.2	<0.05	0.07	<50	<0.05
TEA3 27	TEA3 27_4.0	4	20/04/2021	ES2116364	S1	-	-	1,100	-	-	600	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 13	TEA5 13_5.0	5	22/04/2021	ES2115305	S1	532	702	-	1.1	52	-	1,690	-	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]
TEA5 13	TEA5 13_5.0	5	22/04/2021	ES2115305	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 13	TEA5 13_5.0	5	22/04/2021	ES2116856	S1	-	-	300	-	-	600	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 15	TEA5 15_2.0	2	11/05/2021	ES2117691	S1	50	175	-	0.2	4	-	110	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 15	TEA5 15_2.0	2	11/05/2021	ES2119531	S1	-	-	2,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 17	TEA5 17_5.0	5	14/04/2021	ES2113964	S1	29	181	-	<0.1	10	-	276	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 17	TEA5 17_5.0	5	14/04/2021	ES2115955	S1	-	-	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_2.0	2	27/04/2021	ES2117942	S1	-	-	3,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_3.0	3	27/04/2021	ES2115695	S1	113	368	-	0.4	20	-	1,770	-	<0.50[#3]	<0.16[#3]	<0.16[#3]	<0.50[#3]	<0.50[#3]	<2.0[#3]	<0.16[#3]	<0.50[#3]	<300[#3]	<0.50[#3]
TEA5 19	TEA5 19_3.0	3	27/04/2021	ES2117942	S1	-	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_4.0	4	27/04/2021	ES2115695	S1	1,280	760	-	0.2	71	-	2,160	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 19	TEA5 19_4.0	4	27/04/2021	ES2117942	S1	-	-	3,100	-	-	200	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 21	TEA 5 21_3.0	3	19/04/2021	ES2114835	S1	400	1,030	-	0.8	64	-	2,500	-	<0.05	0.07	<0.05	<0.05	<0.05	<0.2	<0.05	0.07	<50	<0.05
TEA5 21	TEA5 21_3.0	3	19/04/2021	ES2116364	S1	-	-	5,500	-	-	400	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 21	TEA 5 21_4.0	4	19/04/2021	ES2114835	S1	85	74	-	<0.1	33	-	247	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 21	TEA5 21_4.0	4	19/04/2021	ES2116364	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Metals							Phenols	Organochlorine Pesticides									
						Copper	Lead	Lead (filtered)	Mercury	Nickel	Nickel (filtered)	Zinc	Phenol	Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin
						mg/kg	mg/kg	µg/L	mg/kg	mg/kg	µg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg
TEA5 23	TEA5 23_4.0	4	28/04/2021	ES2116067	S1	132	483	-	0.2	28	-	441	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 23	TEA5 23_4.0	4	28/04/2021	ES2116067	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 23	TEA5 23_4.0		28/04/2021	ES2117942	S1	-	-	3,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 24	TEA5 24_3.0	3	27/04/2021	ES2115695	S1	1,410	2,590	-	0.5	50	-	3,120	-	<0.25#3	<0.08#3	<0.08#3	<0.25#3	<0.25#3	<1.0#3	<0.08#3	<0.25#3	<150#3	<0.25#3
TEA5 24	TEA5 24_5.0	5	27/04/2021	ES2115695	S1	87	194	-	0.1	11	-	288	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 24	TEA5 24_5.0	5	27/04/2021	ES2117942	S1	-	-	1,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 24	TEA5 24_6.0	6	27/04/2021	ES2117942	S1	-	-	2,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 26	QA44_220421	5	22/04/2021	ES2115147	S1	217	888	-	0.1	40	-	1,330	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 26	QA44A_220421	5	22/04/2021	790559	S1	880	2,100	-	0.2	51	-	2,100	<0.5	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	-	<0.05
TEA5 26	TEA5 26_5.0	5	22/04/2021	ES2115147	S1	346	1,410	-	0.2	35	-	1,700	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 26	TEA5 26_5.0	5	22/04/2021	ES2116856	S1	-	-	2,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 27	TEA5 27_4.0	4	21/04/2021	ES2115147	S1	55	203	-	0.1	14	-	192	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 27	TEA5 27_4.0	4	21/04/2021	ES2116856	S1	-	-	5,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 28	QA35_ 140421	4	14/04/2021	ES2113964	S1	167	221	-	0.5	17	-	530	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 28	TEA5 28_4.0	4	14/04/2021	ES2113964	S1	204	307	-	0.6	24	-	358	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 28	TEA5 28_4.0	4	14/04/2021	ES2115955	S1	-	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 30	TEA5 30_5.0	5	23/04/2021	ES2115305	S1	58	74	-	<0.1	27	-	353	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 32	TEA5 32_5.0	5	23/04/2021	ES2115558	S1	85	1,350	-	0.2	17	-	710	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 32	TEA5 32_5.0	5	23/04/2021	ES2117299	S1	-	-	24,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_6.0	6	23/04/2021	ES2115558	S1	39	134	-	0.1	5	-	137	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 32	TEA5 32_6.0	6	23/04/2021	ES2117299	S1	-	-	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_7.0	7	23/04/2021	ES2115558	S1	97	193	-	0.6	13	-	231	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 32	TEA5 32_7.0	7	23/04/2021	ES2115558	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_7.0	7	23/04/2021	ES2117299	S1	-	-	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_6.0	6	26/04/2021	ES2115695	S1	27	28	-	<0.1	4	-	71	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 33	TEA5 33_7.0	7	26/04/2021	ES2115695	S1	98	74	-	0.1	29	-	314	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 33	TEA5 33_7.0	7	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_8.0	8	26/04/2021	ES2115695	S1	11	293	-	0.7	2	-	1,090	-	<0.25#3	0.31	<0.08#3	<0.25#3	<0.25#3	<1.0#3	<0.08#3	0.31	<150#3	<0.25#3
TEA5 33	TEA5 33_8.0	8	26/04/2021	ES2115695	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_8.0	8	26/04/2021	ES2117942	S1	-	-	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_5.0	5	26/04/2021	ES2115695	S1	160	375	-	0.1	21	-	931	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 34	TEA5 34_5.0	5	26/04/2021	ES2117942	S1	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_6.0	6	26/04/2021	ES2115695	S1	130	352	-	<0.1	28	-	628	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 34	TEA5 34_6.0	6	26/04/2021	ES2117942	S1	-	-	1,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_7.0	7	26/04/2021	ES2115695	S1	75	26	-	<0.1	36	-	60	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 34	TEA5 34_7.0	7	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_8.0	8	26/04/2021	ES2115695	S1	169	421	-	0.1	34	-	524	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TEA5 34	TEA5 34_8.0	8	26/04/2021	ES2117942	S1	-	-	1,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_3.0	3	23/04/2021	ES2115558	S1	348	695	-	0.1	43	-	878	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TT01 62	TT01 62_3.0	3	23/04/2021	ES2117299	S1	-	-	1,700	-	-	300	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_4.0	4	23/04/2021	ES2115558	S1	60	131	-	<0.1	15	-	280	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TT01 62	TT01 62_4.0	4	23/04/2021	ES2117299	S1	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_5.0	5	23/04/2021	ES2115558	S1	10	56	-	<0.1	<2	-	35	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TT01 114	TT01 114_5.0	5	30/03/2021	ES2112167	S1	34	96	-	0.1	13	-	158	-	<0.05	0.11	<0.05	<0.05	<0.05	<0.2	<0.05	0.11	<50	<0.05
TT01 114	TT01 114_6.0	6	30/03/2021	ES2112167	S1	1,240	15,200	-	0.2	116	-	1,880	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TT01 181	TT01 181_4.0	4	22/04/2021	ES2115305	S1	56	36	-	<0.1	24	-	189	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TT01 181	TT01 181_5.0	5	22/04/2021	ES2115305	S1	129	751	-	0.1	25	-	652	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TT01 181	TT01 181_5.0	5	22/04/2021	ES2116856	S1	-	-	11,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_6.0	6	22/04/2021	ES2115305	S1	676	1,020	-	0.6	25	-	1,520	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TT01 181	TT01 181_6.0	6	22/04/2021	ES2115305	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_6.0	6	22/04/2021	ES2116856	S1	-	-	6,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_FRAG_5.0	5	22/04/2021	ES2115305	S1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 193	TT01 193_5.0	5	31/03/2021	ES2112167	S1	60	196	-	<0.1	7	-	63	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TT01 193	TT01 193_6.0	6	31/03/2021	ES2112167	S1	24	7	-	<0.1	7	-	25	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05
TT01 211	TT01 211_5.0	5	26/04/2021	ES2115695	S1	43	32	-	0.1	6	-	46	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05

Statistics

Number of Results						54	54	32	54	54	6	54	22	54	54	54	53	53	54	54	54	53	54
Number of Detects						54	54	31	35	53	6	54	0	0	5	2	2	2	0	0	5	0	0
Minimum Detect						10	7	100	0.1	2	200	25	ND	ND	0.06	0.71	0.31	0.4	ND	ND	0.06	ND	ND
Maximum Concentration						1,410	52,400	68,800	1.3	125	600	4,210	<0.5	<0.5	0.31	0.98	<0.5	0.54	<2	<0.16	<0.5	<300	<0.5
Standard Deviation *						324	7,326	12,650	0.28	26	167	938	0	0.044	0.041	0.16	0.079	0.094	0.18	0.0088	0.057	24	0.044
95% UCL (Student's-t) *						316.3	3,423	9,006	0.293	34.58	537.7	1,077	0.25	0.0523	0.0463	0.0948	0.0738	0.081	0.208	0.03	0.0624	39.38	0.0523

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

		Organophosphorous		PCBs	Perfluoroalkane		PFAS					Asbestos	
	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS		Sum of PFAS		Sum of PFAS (PFOS + PFOA)	Asbestos fibres	Asbestos Type
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	-	-
EQL	0.05	0.2	0.05	0.1	0.0002	0.01	0.0002	0.01	0.0002	0.01	0.005	0.1	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand	50			7									
PFAS NEMP 2020 Table 2 Health Industrial/Commercial					50		20						
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil													
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)													
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND													
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND													
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)													
Airport Regulations 1997 - General soil	50			50									

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description													
TEA3 4	TEA3 4_3.0	3	21/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 4	TEA3 4_4.0	4	21/04/2021	ES2115147	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0004	-	0.0004	-	-	No	-
TEA3 4	TEA3 4_4.0	4	21/04/2021	ES2115147	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 4	TEA3 4_4.0	4	21/04/2021	ES2116856	S1	-	-	-	-	-	<0.01	-	<0.01	-	<0.01	-	-	-
TEA3 5	TEA3 5_3.0	3	20/04/2021	ES2115147	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA3 5	TEA3 5_4.0	4	20/04/2021	ES2115147	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0003	-	0.0003	-	-	No	-
TEA3 5	TEA3 5_4.0	4	20/04/2021	ES2116856	S1	-	-	-	-	-	<0.01	-	<0.01	-	<0.01	-	-	-
TEA3 7	TEA3 7_5.0	5	19/04/2021	ES2114835	S1	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.1	-	-	-	-	-	-	-	No	-
TEA3 7	TEA3 7_5.0	5	19/04/2021	ES2116364	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 4	TEA5 4_2.0	2	7/05/2021	ES2117695	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0005	-	0.0005	-	-	No	-
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2115147	S1	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.2[#3]	-	-	-	-	-	-	-	No	-
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2115147	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2115147	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 9	TEA5 9_5.0	5	22/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	TEA3 10_4.0	4	23/04/2021	ES2115558	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	0.0052	-	-	No	-
TEA3 10	TEA3 10_4.0	4	23/04/2021	ES2115558	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 15	TEA3 15 _3.0	3	27/04/2021	ES2116067	S1	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.2[#3]	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA3 15	TEA 3 15 _3.0	3	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 15	TEA3 15 _4.0	4	27/04/2021	ES2116067	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA3 20	TEA3 20_5.0	5	26/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA3 20	TEA3 20_5.0	5	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 23	TEA3 23_3.0	3	27/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	0.0006	-	0.0060	-	0.0117	-	-	No	-
TEA3 23	TEA3 23_4.0	4	27/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA3 23	TEA3 23_5.0	5	27/04/2021	ES2115695	S1	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.2[#3]	-	-	-	-	-	-	-	No	-
TEA3 23	TEA3 23_5.0	5	27/04/2021	ES2115695	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 23	TEA3 23_5.0	5	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 25	TEA3 25_4.0	4	29/04/2021	ES2116067	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA3 25	TEA 3 25_4.0	4	29/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 25	TEA3 25_5.0	5	29/04/2021	ES2116067	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	-	-
TEA3 25	TEA3 25_5.0	5	29/04/2021	ES2116067	S1	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA3 25	TEA3 25_5.0	5	29/04/2021	ES2116067	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 25	TEA 3 25_5.0	5	29/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 27	TEA3 27_4.0	4	20/04/2021	ES2114835	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0011	-	0.0022	-	-	No	-
TEA3 27	TEA3 27_4.0	4	20/04/2021	ES2116364	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 13	TEA5 13_5.0	5	22/04/2021	ES2115305	S1	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.1	-	-	-	-	-	-	-	No	-
TEA5 13	TEA5 13_5.0	5	22/04/2021	ES2115305	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 13	TEA5 13_5.0	5	22/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 15	TEA5 15_2.0	2	11/05/2021	ES2117691	S1	<0.05	<0.2	<0.05	-	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA5 15	TEA5 15_2.0	2	11/05/2021	ES2119531	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 17	TEA5 17_5.0	5	14/04/2021	ES2113964	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 17	TEA5 17_5.0	5	14/04/2021	ES2115955	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_2.0	2	27/04/2021	ES2117942	S1	-	-	-	-	-	<0.01	-	<0.01	-	<0.01	-	-	-
TEA5 19	TEA5 19_3.0	3	27/04/2021	ES2115695	S1	<0.50[#3]	<2.0[#3]	<0.50[#3]	<0.3[#3]	-	-	-	-	-	-	-	No	-
TEA5 19	TEA5 19_3.0	3	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_4.0	4	27/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 19	TEA5 19_4.0	4	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 21	TEA 5 21_3.0	3	19/04/2021	ES2114835	S1	<0.05	<0.2	<0.05	0.8	-	-	-	-	-	-	-	No	-
TEA5 21	TEA5 21_3.0	3	19/04/2021	ES2116364	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 21	TEA 5 21_4.0	4	19/04/2021	ES2114835	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 21	TEA5 21_4.0	4	19/04/2021	ES2116364	S1	-	-	-	-	-	-	-	-	-	-	-	-	-

							Organophosphorous		PCBs	Perfluoroalkane		PFAS					Asbestos	
						Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS		Sum of PFAS		Sum of PFAS (PFOS + PFOA)	Asbestos fibres	Asbestos Type
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	-	-
TEA5 23	TEA5 23_4.0	4	28/04/2021	ES2116067	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 23	TEA5 23_4.0	4	28/04/2021	ES2116067	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 23	TEA5 23_4.0		28/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 24	TEA5 24_3.0	3	27/04/2021	ES2115695	S1	<0.25[#3]	<1.0[#3]	<0.25[#3]	0.4	-	-	-	-	-	-	-	No	-
TEA5 24	TEA5 24_5.0	5	27/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	0.2	-	-	-	-	-	-	-	No	-
TEA5 24	TEA5 24_5.0	5	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 24	TEA5 24_6.0	6	27/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 26	QA44_220421	5	22/04/2021	ES2115147	S1	<0.05	<0.2	<0.05	0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	-	-
TEA5 26	QA44A_220421	5	22/04/2021	790559	S1	<0.05	<2	-	<0.5	<0.005	-	<0.005	-	<0.05	-	<0.005	-	-
TEA5 26	TEA5 26_5.0	5	22/04/2021	ES2115147	S1	<0.05	<0.2	<0.05	0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA5 26	TEA5 26_5.0	5	22/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 27	TEA5 27_4.0	4	21/04/2021	ES2115147	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	0.0002	-	-	No	-
TEA5 27	TEA5 27_4.0	4	21/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 28	QA35_ 140421	4	14/04/2021	ES2113964	S1	<0.05	<0.2	<0.05	1.8	<0.0002	-	0.0003	-	0.0005	-	-	-	-
TEA5 28	TEA5 28_4.0	4	14/04/2021	ES2113964	S1	<0.05	<0.2	<0.05	1.9	<0.0002	-	0.0002	-	0.0004	-	-	No	-
TEA5 28	TEA5 28_4.0	4	14/04/2021	ES2115955	S1	-	-	-	-	-	<0.01	-	<0.01	-	<0.01	-	-	-
TEA5 30	TEA5 30_5.0	5	23/04/2021	ES2115305	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 32	TEA5 32_5.0	5	23/04/2021	ES2115558	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA5 32	TEA5 32_5.0	5	23/04/2021	ES2117299	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_6.0	6	23/04/2021	ES2115558	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 32	TEA5 32_6.0	6	23/04/2021	ES2117299	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_7.0	7	23/04/2021	ES2115558	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0008	-	0.0015	-	-	No	-
TEA5 32	TEA5 32_7.0	7	23/04/2021	ES2115558	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_7.0	7	23/04/2021	ES2117299	S1	-	-	-	-	-	<0.01	-	<0.01	-	<0.01	-	-	-
TEA5 33	TEA5 33_6.0	6	26/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 33	TEA5 33_7.0	7	26/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 33	TEA5 33_7.0	7	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_8.0	8	26/04/2021	ES2115695	S1	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.1	-	-	-	-	-	-	-	No	-
TEA5 33	TEA5 33_8.0	8	26/04/2021	ES2115695	S1	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.1	-	-	-	-	-	-	-	No	-
TEA5 33	TEA5 33_8.0	8	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_5.0	5	26/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA5 34	TEA5 34_5.0	5	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_6.0	6	26/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 34	TEA5 34_6.0	6	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_7.0	7	26/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 34	TEA5 34_7.0	7	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_8.0	8	26/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 34	TEA5 34_8.0	8	26/04/2021	ES2117942	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_3.0	3	23/04/2021	ES2115558	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 62	TT01 62_3.0	3	23/04/2021	ES2117299	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_4.0	4	23/04/2021	ES2115558	S1	<0.05	<0.2	<0.05	0.2	-	-	-	-	-	-	-	No	-
TT01 62	TT01 62_4.0	4	23/04/2021	ES2117299	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 62	TT01 62_5.0	5	23/04/2021	ES2115558	S1	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT01 114	TT01 114_5.0	5	30/03/2021	ES2112167	S1	<0.05	<0.2	<0.05	<0.1	<0.0005[#3]	-	0.0011	-	0.0011	-	-	No	-
TT01 114	TT01 114_6.0	6	30/03/2021	ES2112167	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 181	TT01 181_4.0	4	22/04/2021	ES2115305	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 181	TT01 181_5.0	5	22/04/2021	ES2115305	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 181	TT01 181_5.0	5	22/04/2021	ES2116856	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_6.0	6	22/04/2021	ES2115305	S1	<0.05	<0.2	<0.05	0.5	<0.0002	-	0.0003	-	0.0010	-	-	No	-
TT01 181	TT01 181_6.0	6	22/04/2021	ES2115305	S1	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_6.0	6	22/04/2021	ES2116856	S1	-	-	-	-	-	<0.01	-	<0.01	-	<0.01	-	-	-
TT01 181	TT01 181_FRAG_5.0	5	22/04/2021	ES2115305	S1	-	-	-	-	-	-	-	-	-	-	-	Yes	Ch
TT01 193	TT01 193_5.0	5	31/03/2021	ES2112167	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 193	TT01 193_6.0	6	31/03/2021	ES2112167	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 211	TT01 211_5.0	5	26/04/2021	ES2115695	S1	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-

Statistics

Number of Results	54	54	53	53	21	6	21	6	21	6	1	52	52
Number of Detects	0	0	0	9	1	0	10	0	12	0	0	52	52
Minimum Detect	ND	ND	ND	0.1	0.0006	ND	0.0002	ND	0.0002	ND	ND	0	1
Maximum Concentration	<0.5	<2	<0.5	1.9	<0.005	<0.01	0.006	<0.01	<0.05	<0.01	<0.005	1	1
Standard Deviation *	0.044	0.21	0.045	0.36	0.00053	0	0.0013	0	0.0058	0		0.14	0
95% UCL (Student's-t) *	0.0523	0.233	0.0528	0.246	0.00044421	0.005	0.0012	0.005	0.00461	0.005		0.0514	1

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

		BTEX				TRH					PAH								
		Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (Zero)		Naphthalene		PAHs (Sum of total)		PAHs (Sum of total)	
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		0.1	0.1	0.1	0.3	10	50	100	100	50	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand	3	NL	NL	230								40		NL		4,000		
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																			
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil						700	1,000	3,500	10,000										
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)		430	99,000	27,000	81,000		20,000	27,000	38,000						11,000				
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND		160																	
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND		77																	
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)		1,100	120,000	85,000	130,000		62,000	85,000	120,000						29,000				
Airport Regulations 1997 - General soil		1	130	50	25					5,000	5						100		

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description																	
TEA2 3	TEA2 3_1.0	1	27/01/2021	ES2102834	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 3	TEA2 3_2.0	2	27/01/2021	ES2102834	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.3	-
TEA3 1	TEA3 1_1.0	1	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 1	TEA3 1_2.0	2	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 1	TEA3 1_3.0	3	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.8	-
TEA3 1	TEA3 1_4.0	4	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 3	TEA3 3_1.0	1	11/05/2021	ES2117691	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	420	190	610	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 4	TEA3 4_3.0	3	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	1.3	-	1.6	-	<0.5	-	14.2	-
TEA3 5	TEA3 5_1.0	1	20/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	180	280	460	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 5	TEA3 5_2.0	2	20/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	4.1	-
TEA3 5	TEA3 5_2.0	2	20/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 6	TEA3 6_2.0	2	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	230	100	330	4.9	-	6.9	-	<0.5	-	50.5	-
TEA3 6	TEA3 6_2.0	2	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 6	TEA3 6_3.0	3	12/05/2021	ES2117739	S2	0.4	0.5	<0.5	<0.5	88	<50	460	250	710	3.9	-	5.2	-	<0.5	-	44.6	-
TEA3 6	TEA3 6_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 6	TEA3 6_4.0	4	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	320	120	440	3.9	-	5.0	-	<0.5	-	37.3	-
TEA3 6	TEA3 6_4.0	4	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 6	TEA3 6_5.0	5	12/05/2021	ES2117739	S2	<0.2	<0.5	0.7	0.7	<10	<50	180	120	300	1.1	-	1.4	-	<0.5	-	10.8	-
TEA3 6	TEA3 6_5.0	5	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 7	TEA3 7_3.0	3	19/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	<10	60	640	190	890	16.3	-	23.5	-	<0.5	-	257	-
TEA3 7	TEA3 7_3.0	3	19/04/2021	ES2116364	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 7	TEA3 7_4.0	4	19/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	3.7	-
TEA3 8	TEA3 8_3.0	3	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,060	220	1,280	<0.5	-	<0.5	-	<0.5	-	1.9	-
TEA3 8	TEA3 8_3.0	3	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 8	TEA3 8_4.0	4	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	480	210	690	2.9	-	3.7	-	0.6	-	31.2	-
TEA3 8	TEA3 8_4.0	4	28/04/2021	ES2116067	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 8	TEA3 8_4.0	4	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 9	QA43_210421	5	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	490	320	810	0.7	-	0.9	-	<0.5	-	8.8	-
TEA3 9	QA43A_210421	5	22/04/2021	790559	S2	<0.1	<0.1	<0.1	<0.3	<20	<50	<100	<100	<100	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 9	QA43A_210421	5	22/04/2021	792468	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 9	TEA3 9_2.0	2	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	330	<100	330	0.8	-	1.0	-	<0.5	-	9.1	-
TEA3 9	TEA3 9_3.0	3	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	210	6,520	940	7,670	1.6	-	2.2	-	<0.5	-	15.7	-
TEA3 9	TEA3 9_3.0	3	26/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 9	TEA3 9_4.0	4	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	150	1,060	1,070	2,280	1.0	-	1.2	-	<0.5	-	6.3	-
TEA3 9	TEA3 9_4.0	4	26/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 9	TEA3 9_5.0	5	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	280	190	470	1.0	-	1.2	-	<0.5	-	14.5	-
TEA3 9	TEA3 9_5.0	5	26/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 3	TEA5 3_1.0	1	7/05/2021	ES2117695	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	210	180	390	1.6	-	2.0	-	<0.5	-	11.6	-
TEA5 3	TEA5 3_2.0	2	7/05/2021	ES2117695	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	190	160	350	2.1	-	2.7	-	<0.5	-	17.9	-
TEA5 3	TEA5 3_2.0	2	7/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 4	TEA5 4_1.0	1	7/05/2021	ES2117695	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	360	230	590	6.0	-	8.5	-	0.9	-	82.4	-
TEA5 4	TEA5 4_1.0	1	7/05/2021	ES2117695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 4	TEA5 4_1.0	1	7/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 8	TEA5 8_3.0	3	23/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 8	TEA5 8_3.0	3	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_4.0	4	23/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 8	TEA5 8_4.0	4	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_5.0	5	23/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	20	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	4.5	-
TEA5 8	TEA5 8_5.0	5	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_6.0	6	23/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 9	TEA5 9_2.0	2	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 9	TEA5 9_3.0	3	22/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 9	TEA5 9_4.0	4	22/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA6 2	TEA6 2_1.0	1	10/05/2021	ES2118168	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA6 2	TEA6 2_2.0	2	10/05/2021	ES2118168	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	740	280	1,020	5.5	-	7.9	-	0.7	-	74.2	-
TEA6 2	TEA6 2_2.0	2	10/05/2021	ES2118168	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA6 2	TEA6 2_2.0	2	10/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 2	TEA10 2_1.0	1	12/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 2	TEA10 2_2.0	2	12/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 2	TEA10 2_2.0	2	12/04/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 2	TEA10 2_3.0	3	12/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 4	TEA10 4_1.0	1	17/03/2021	ES2109922	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.1	-
TEA10 4	TEA10 4_2.0	2	17/03/2021	ES2109922	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.1	-
TEA10 9	TEA10 9_2.0	2	30/03/2021	ES2112167	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	260	150	410	4.4	-	6.2	-	<0.5	-	43.9	-
TEA1 15	TEA1 15_2	2	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	<1.0	<0.5	<0.5
TEA1 15	TEA1 15_3	3	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	210	120	330	0.9	<0.5	1.1	<0.5	<0.5	<1.0	9.5	<0.5
TEA1 15	TEA1 15_3	3	23/06/2021	ES2123456	S2	-	-	-	-	-	-	-	-	-	1.4	-	1.8	-	-	-	14.9	-
TEA1 21	TEA1 21_1.0	1	4/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 23	TEA1 23_1.0	1	11/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	250	180	430	2.5	-	3.2	-	<0.5	-	33.2	-
TEA1 23	TEA1 23_1.0	1	11/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	<1.0	-	<0.5
TEA1 24	TEA1 24_1.0	1	10/03/2021	ES2108584	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 24	TEA1 24_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 24	TEA1 24_1.0 - TCLP	1	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 28	TEA1 28_1.0	1	11/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 28	TEA1 28_1.0	1	11/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 31	TEA1 31_1.0	1	9/03/2021	ES2108584	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	780	840	1,620	3.6	-	4.3	-	<0.5	-	21.9	-
TEA1 31	TEA1 31_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 32	TEA1 32_2.0	2	4/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 33	TEA1 33_1.0	1	9/03/2021	ES2108584	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	530	340	870	2.6	-	3.1	-	<0.5	-	20.2	-
TEA1 33	TEA1 33_1.0	1	9/03/2021	ES2111289	S2	<0.2	<0.5	<0.5	-	-	-	-	-	-	4.2	-	5.6	-	<0.5	-	39.9	-
TEA1 33	TEA1 33_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 33	TEA1 33_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 34	TEA1 34_1.0	1	10/03/2021	ES2108584	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	380	380	760	2.7	-	3.4	-	<0.5	-	22.6	-
TEA1 34	TEA1 34_1.0 - TCLP	1	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 34	TEA1 34_1.5	1.5	10/03/2021	ES2108584	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	490	390	880	4.5	-	6.4	-	<0.5	-	42.9	-
TEA1 34	TEA1 34_1.5	1.5	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 34	TEA1 34_1.5 - ASLP	1.5	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 34	TEA1 34_1.5 - TCLP	1.5	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 36	TEA1 36_0.9	0.9	27/01/2021	ES2102834	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	330	210	540	3.8	-	5.0	-	<0.5	-	43.3	-
TEA1 36	TEA1 36_0.9	0.9	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA1 36	TEA1 36_1.9	1.9	27/01/2021	ES2102834	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	380	280	660	3.5	-	4.4	-	<0.5	-	37.6	-
TEA1 36	TEA1 36_1.9	1.9	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA1 36	TEA1 36_1.9	1.9	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 36	TEA1 36_1.9_1	1.9	27/01/2021	ES2104878	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 36	TEA1 36_1.9_2	1.9	27/01/2021	ES2104878	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 36	TEA1 36_1.9_3	1.9	27/01/2021	ES2104878	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 37	TEA1 37_2	2	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	700	400	1,100	6.4	<0.5	9.3	<0.5	<0.5	<1.0	76.3	2.4
TEA1 37	TEA1 37_3	3	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	80	1,140	710	1,930	9.8	<0.5	14.0	<0.5	<0.5	<1.0	103	0.6
TEA1 37	TEA1 37_4.0	4	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	320	150	470	3.5	<0.5	4.6	<0.5	<0.5	<1.0	34.7	1.6
TEA1 38	TEA1 38_1.0	1	9/03/2021	ES2108584	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 38	TEA1 38_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 38	TEA1 38_2.0	2	9/03/2021	ES2108584	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	370	250	620	3.6	-	4.6	-	<0.5	-	35.3	-
TEA1 38	TEA1 38_2.0	2	9/03/2021	ES2111289	S2	<0.2	<0.5	<0.5	-	-	-	-	-	-	1.9	-	2.7	-	<0.5	-	35.7	-
TEA1 38	TEA1 38_2.0	2	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 38	TEA1 38_2.0 - ASLP	2	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 38	TEA1 38_2.0 - TCLP	2	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 39	TEA1 39_1.0	1	9/03/2021	ES2108584	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	580	330	910	8.2	-	11.4	-	<0.5	-	97.8	-
TEA1 39	TEA1 39_1.0 - ASLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 39	TEA1 39_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 39	TEA1 39_2.0	2	9/03/2021	ES2108584	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	450	330	780	6.7	-	9.2	-	<0.5	-	56.2	-
TEA1 39	TEA1 39_2.0	2	9/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 39	TEA1 39_2.0	2	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 39	TEA1 39_2.0 - TCLP	2	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 39	TEA39 1 1.0_FRAGMENT1	1	9/03/2021	ES2108584	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 40	TEA1 40_3.0	3	29/03/2021	ES2111722	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 41	TEA1 41_1	1	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	220	180	400	3.2	<0.5	4.2	<0.5	<0.5	<1.0	30.6	<0.5
TEA1 41	TEA1 41_2	2	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	430	240	670	9.0	<0.5	12.8	<0.5	<0.5	<1.0	109	3.8
TEA1 41	TEA1 41_3	3	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.9	<0.5	1.1	<0.5	<0.5	<1.0	10.8	5.8
TEA1 41	TEA1 41_4	4	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	1.4	<0.5	1.8	<0.5	<0.5	<1.0	19.4	<0.5
TEA1 41	TEA1 41_5	5	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	320	180	500	1.0	<0.5	1.2	<0.5	<0.5	<1.0	11.3	<0.5
TEA1 41	TEA1 41_5	5	23/06/2021	ES2123456	S2	-	-	-	-	-	-	-	-	-	1.5	-	2.0	-	-	-	17.9	-
TEA1 41	TEA1 41_6.0	6	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	270	190	460	2.1	<0.5	2.8	<0.5	<0.5	<1.0	26.7	<0.5
TEA1 43	TEA1 43_1.0	1	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.6	-
TEA1 43	TEA1 43_2.0	2	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	200	170	370	1.1	-	1.5	-	<0.5	-	10.0	-
TEA1 43	TEA1 43_2.0	2	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA1 43	TEA1 43_3.0	3	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	490	290	780	6.0	-	8.8	-	<0.5	-	64.3	-
TEA1 43	TEA1 43_3.0	3	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-

						BTEX				TRH					PAH							
						Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (Zero)	Naph thalene		PAHs (Sum of total)		PAHs (Sum of total)	
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
TEA1 43	TEA1 43_4.0	4	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	1.4	-	1.8	-	17.0	-	-	-
TEA1 43	TEA1 43_4.0	4	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA1 43	TEA1 43_5.0	5	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	750	380	1,130	8.8	-	12.5	-	0.6	-	99.7	-
TEA1 43	TEA1 43_5.0	5	8/04/2021	ES2112831	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TEA1 43	TEA1 43_5.0	5	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA1 44	QA26A_080421	2	8/04/2021	786879	S2	<0.1	<0.1	<0.1	<0.3	<20	<50	190	<100	190	1.2	-	1.8	-	<0.5	-	13.3	-
TEA1 44	QA26B421	2	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	180	110	290	2.0	-	2.7	-	<0.5	-	23.6	-
TEA1 44	TEA1 44_2.0	2	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	160	<100	160	1.2	-	1.6	-	<0.5	-	13.7	-
TEA1 44	TEA1 44_2.0	2	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA1 44	TEA1 44_3.0	3	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	320	180	500	4.0	-	6.0	-	<0.5	-	41.6	-
TEA1 44	TEA1 44_3.0	3	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA1 44	TEA1 44_4.0	4	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	160	<100	160	1.8	-	2.5	-	<0.5	-	22.4	-
TEA1 44	TEA1 44_4.0	4	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA1 45	TEA1 45_2.0	2	29/03/2021	ES2111722	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	540	360	900	7.0	-	9.4	-	<0.5	-	65.3	-
TEA1 45	TEA1 45_2.0	2	29/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	1.3
TEA1 45	TEA1 45_3.0	3	29/03/2021	ES2111722	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	340	240	580	4.4	-	5.4	-	<0.5	-	35.2	-
TEA1 45	TEA1 45_3.0	3	29/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 45	TEA1 45_4.0	4	29/03/2021	ES2111722	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 45	TEA1 45_5.0	5	29/03/2021	ES2111722	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	140	130	270	<0.5	-	<0.5	-	<0.5	-	1.6	-
TEA2 24	TEA2 24_2.0	2	16/03/2021	ES2109379	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 33	TEA2 33_1.0	1	4/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 33	TEA2 33_2.0	2	4/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 36	TEA2 36_2.0	2	4/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	250	170	420	3.8	-	5.4	-	<0.5	-	34.7	-
TEA2 36	TEA2 36_2.0	2	4/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA2 37	TEA2 37_2.0	2	26/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 38	QA19_250321	2	25/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	1.7	-	2.2	-	<0.5	-	12.5	-
TEA2 38	TEA2 38_1.0	1	25/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 38	TEA2 38_2.0	2	25/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	1.7	-	2.3	-	<0.5	-	22.3	-
TEA2 38	TEA2 38_2.0	2	25/03/2021	ES2113182	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 39	TEA2 39_1.0	1	25/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 39	TEA2 39_2.0	2	25/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 42	TEA2 42_2.0	2	5/05/2021	ES2117097	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 43	TEA2 43_2.0	2	25/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	120	120	240	0.7	-	0.8	-	<0.5	-	3.5	-
TEA2 44	TEA2 44_1.0	1	25/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.6	-
TEA2 44	TEA2 44_2.0	2	25/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	9.7	-	13.2	-	<0.5	-	64.1	-
TEA2 44	TEA2 44_2.0	2	25/03/2021	ES2113182	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 45	TEA2 45_2.0	2	15/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 47	TEA2 47_1.0	1	15/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,500	1,220	2,720	26.1	-	34.9	-	<0.5	-	207	-
TEA2 47	TEA2 47_1.0	1	15/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA2 47	TEA2 47_2.0	2	15/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	270	120	390	1.5	-	1.9	-	<0.5	-	12.4	-
TEA2 47	TEA2 47_2.0	2	15/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA2 47	TEA2 47_3.0	3	15/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 10	QA46_230421	4	23/04/2021	ES2115558	S2	<0.2	<0.5	2.5	1.4	30	140	2,040	170	2,350	<0.5	-	<0.5	-	<0.5	-	1.7	-
TEA3 10	QA46_230421	4	23/04/2021	ES2115558	S2	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-
TEA3 10	QA46A_230421	4	23/04/2021	791312	S2	0.2	1.3	6.4	3.2	27	180	1,600	270	2,050	7.9	-	12	-	0.6	-	114.1	-
TEA3 10	TEA3 10_2.0	2	23/04/2021	ES2115558	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,790	410	2,200	1.1	-	1.4	-	<0.5	-	14.6	-
TEA3 10	TEA3 10_2.0	2	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 10	TEA3 10_3.0	3	23/04/2021	ES2115558	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	370	310	680	1.4	-	1.8	-	1.3	-	23.9	-
TEA3 10	TEA3 10_3.0	3	23/04/2021	ES2115558	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
TEA3 10	TEA3 10_3.0	3	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 10	TEA3 10_4.0	4	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 11	TEA3 11_2.0	2	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 11	TEA3 11_3.0	3	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	190	970	270	1,430	0.8	-	1.0	-	<0.5	-	15.5	-
TEA3 11	TEA3 11_4.0	4	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	570	920	1,490	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 11	TEA3 11_4.0	4	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 12	TEA3 12_1.0	1	13/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 12	TEA3 12_2.0	2	13/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 12	TEA3 12_3.0	3	13/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	190	130	320	<0.5	-	<0.5	-	<0.5	-	1.3	-
TEA3 12	TEA3 12_3.0	3	13/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 13	TEA3 13_2.0	2	27/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	<10	50	200	<100	250	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 13	TEA3 13_3.0	3	27/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 13	TEA3 13_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 13	TEA3 13_4.0	4	27/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 13	TEA3 13_4.0	4	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 13	TEA3 13_5.0	5	27/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 14	TEA3 14_2.0	2	27/01/2021	ES2102834	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	150	<100	150	<0.5	-	<0.5	-	<0.5	-	3.2	-
TEA3 14	TEA3 14_3.0	3	19/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.8	-	1.0	-	<0.5	-	9.6	-
TEA3 16	QA01_NIGHT_120521	5	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	200	<100	200	0.9	-	1.1	-	<0.5	-	10.0	-
TEA3 16	QA01A_NIGHT_120521	5	12/05/2021	795740	S2	<0.1	<0.1	<0.1	<0.3	<20	<50	420	<100	420	1.7	-	2.2	-	<0.5	-	18.1	-
TEA3 16	TEA3 16_3.0	3	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	<10	120	4,120	560	4,800	0.8	-	1.0	-	<0.5	-	7.9	-
TEA3 16	TEA3 16_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 16	TEA3 16_4.0	4	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	<10	210	5,060	740	6,010	1.1	-	1.5	-	<0.5	-	12.5	-
TEA3 16	TEA3 16_4.0	4	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 16	TEA3 16_5.0	5	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	160	<100	160	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 16	TEA3 16_5.0	5	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 18	TEA3 18_2.0	2	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA3 18	TEA3 18_3.0	3	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	210	<100	210	<0.5	-	<0.5	-	<0.5	-	1.0	-
TEA3 18	TEA3 18_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 18	TEA3 18_4.0	4	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<50	<50	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 19	TEA3 19_1.0	1	13/05/2021	ES2117943	S2	<0.2	<0.5	0.9	<0.5	<10	<50	350	290	640	1.9	-	2.4	-	<0.5	-	14.4	-
TEA3 19	TEA3 19_1.0	1	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 19	TEA3 19_2.0	2	13/05/2021	ES2117943	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 19	TEA3 19_3.0	3	13/05/2021	ES2117943	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 19	TEA3 19_4.0	4	13/05/2021	ES2117943	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	2,140	660	2,800	1.3	-	1.7	-	<0.5	-	15.7	-
TEA3 19	TEA3 19_4.0	4	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 19	TEA3 19_5.0	5	13/05/2021	ES2117943	S2	<0.2	<0.5	<0.5	<0.5	<10	60	1,740	890	2,690	11.6	-	16.2	-	<1	-	157	-
TEA3 19	TEA3 19_5.0	5	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-
TEA3 19	TEA3 19_5.0	5	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 21	TEA3 21_2.0	2	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 21	TEA3 21_3.0	3	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	240	150	390	0.9	-	1.1	-	<0.5	-	10.4	-
TEA3 21	TEA3 21_3.0	3	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 21	TEA3 21_4.0	4	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	12	80	970	250	1,300	<0.5	-	<0.5	-	<1	-	1.1	-
TEA3 21	TEA3 21_4.0	4	21/04/2021	ES2115147	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-
TEA3 21	TEA3 21_4.0	4	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 21	TEA3 21_5.0	5	21/04/2021	ES2115147	S2	<0.2	<0.5	0.6	0.9	22	170	1,760	210	2,140	<0.5	-	<0.5	-	<1	-	2.1	-
TEA3 21	TEA3 21_5.0	5	21/04/2021	ES2115147	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1	-	-	-
TEA3 21	TEA3 21_5.0	5	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 22	TEA3 22_2.0	2	23/04/2021	ES2115558	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 22	TEA3 22_3.0	3	23/04/2021	ES2115558	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	140	190	330	0.6	-	0.7	-	<0.5	-	6.7	-
TEA3 22	TEA3 22_3.0	3	23/04/2021	ES2115558	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
TEA3 22	TEA3 22_3.0	3	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 22	TEA3 22_4.0	4	23/04/2021	ES2115558	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	200	210	410	<0.5	-	<0.5	-	<0.5	-	2.3	-
TEA3 25	TEA3 25_3.0	3	29/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	420	240	660	1.7	-	2.2	-	<0.5	-	19.5	-
TEA3 25	TEA 3 25_3.0	3	29/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 26	QA42_200421	4	20/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	1.2	-	1.5	-	<0.5	-	11.7	-
TEA3 26	QA42A_200421	4	20/04/2021	790137	S2	<0.1	<0.1	<0.1	<0.3	<20	<50	240	160	400	1.6	-	2.0	-	<0.5	-	15.3	-
TEA3 26	TEA3 26_3.0	3	20/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	2.9	-
TEA3 26	TEA3 26_3.0	3	20/04/2021	ES2116364	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 26	TEA3 26_4.0	4	20/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	1.4	-	1.8	-	<0.5	-	14.0	-
TEA3 26	TEA3 26_4.0	4	20/04/2021	ES2116364	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 27	TEA3 27_2.0	2	20/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 27	TEA3 27_3.0	3	20/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	0.6	-	1.7	-
TEA3 27	TEA3 27_3.0	3	20/04/2021	ES2114835	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TEA3 28	TEA3 28_1.0	1	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	160	140	300	0.8	-	0.9	-	<0.5	-	6.1	-
TEA3 28	TEA3 28_2.0	2 - 0	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 28	TEA3 28_3.0	3	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	320	330	650	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA3 29	TEA3 29_2.0	2	26/04/2021	ES2115661	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	480	670	1,150	1.4	-	1.8	-	<0.5	-	13.8	-
TEA3 29	TEA3 29_2.0	2	26/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 29	TEA3 29_3.0	3	26/04/2021	ES2115661	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 29	TEA3 29_4.0	4	26/04/2021	ES2115661	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	460	230	690	5.1	-	6.7	-	0.9	-	61.0	-
TEA3 29	TEA3 29_4.0	4	26/04/2021	ES2115661	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 29	TEA3 29_4.0	4	26/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 29	TEA3 29_5.0	5	26/04/2021	ES2115661	S2	0.4	0.6	0.9	<0.5	<10	<50	370	<100	370	<0.5	-	<0.5	-	<1	-	5.9	-
TEA3 29	TEA3 29_5.0	5	26/04/2021	ES2115661	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	-	-	-
TEA3 29	TEA3 29_5.0	5	26/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 13	TEA3 13_3.0	3	22/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,080	310	1,390	14.7	-	20.7	-	<1	-	219	-
TEA5 13	TEA5 13_3.0	3	22/04/2021	ES2115305	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	-	-
TEA5 13	TEA5 13_3.0	3	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 13	TEA5 13_4.0	4	22/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 13	TEA5 13_4.0	4	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 16	TEA5 16_1.0	1	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	2.1	-
TEA5 16	TEA5 16_2.0	2	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 16	TEA5 16_2.0	2	14/04/2021	ES2113964	S2	-	-	-	-	-	-	-	-	-	0.8	-	1.0	-	-	-	5.6	-
TEA5 16	TEA5 16_3.0	3	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 17	TEA5 17_3.0	3	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	80	3,640	610	4,330	0.9	-	1.2	-	<0.5	-	9.4	-
TEA5 17	TEA5 17_3.0	3	14/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 17	TEA5 17_4.0	4	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	130	110	240	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 19	TEA5 19_2.0	2	27/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	14	190	11,200	1,160	12,600	<0.5	-	<0.5	-	<1	-	3.6	-
TEA5 19	TEA5 19_2.0	2	27/04/2021	ES2115695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-
TEA5 20	TEA 5 20_3.0	3	23/06/2021	ES2123456	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	1.2	<0.5	1.5	<0.5	<0.5	1.2	16.0	2.5
TEA5 21	QA41_190421	2	19/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	11	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 21	QA41A_190421	2	19/04/2021	790137	S2	<0.1	<0.1	<0.1	<0.3	32	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 21	TEA5 21_1.0	1	19/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 21	TEA 5 21_2.0	2	19/04/2021	ES2114835	S2	<0.2	<0.5	<0.5	<0.5	26	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-

						BTEX				TRH					PAH							
						Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (Zero)		Naphthalene		PAHs (Sum of total)		PAHs (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
TEA5 26	TEA5 26_2.0	2	22/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	1.4	-	1.8	-	<0.5	-	14.5	-
TEA5 26	TEA5 26_2.0	2	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	-	-	-
TEA5 26	TEA5 26_3.0	3	22/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.7	-
TEA5 26	TEA5 26_4.0	4	22/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	360	240	600	0.7	-	0.9	-	<0.5	-	8.2	-
TEA5 26	TEA5 26_4.0	4	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 27	TEA5 27_2.0	2	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	1.3	-	1.6	-	<0.5	-	11.3	-
TEA5 27	TEA5 27_2.0	2	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	-	-	-
TEA5 27	TEA5 27_3.0	3	21/04/2021	ES2115147	S2	<0.2	<0.5	<0.5	<0.5	38	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 27	TEA5 27_3.0	3	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 28	QA35A_140421	4	14/04/2021	788740	S2	<0.1	<0.1	<0.1	<0.3	<20	77	1,700	370	2,147	<0.5	-	<0.5	-	<0.5	-	1.1	-
TEA5 28	TEA5 28_2.0	2	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	660	750	1,410	4.2	-	5.3	-	<0.5	-	40.7	-
TEA5 28	TEA5 28_2.0	2	14/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 28	TEA5 28_3.0	3	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.9	-
TEA5 28	TEA5 28_3.0	3	14/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 29	QA02_NIGHT_130521	5	13/05/2021	ES2117943	S2	<0.2	0.5	2.4	0.7	15	110	1,360	430	1,900	0.7	-	0.9	-	0.8	-	9.9	-
TEA5 29	QA02_NIGHT_130521	5	13/05/2021	ES2117943	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TEA5 29	QA02A_NIGHT_130521	5	13/05/2021	795915	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 29	TEA5 29_4.0	4	13/05/2021	ES2117943	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,100	220	1,320	2.2	-	3.0	-	<0.5	-	41.0	-
TEA5 29	TEA5 29_4.0	4	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 29	TEA5 29_5.0	5	13/05/2021	ES2117943	S2	<0.2	<0.5	1.2	<0.5	11	<50	870	210	1,080	0.7	-	0.9	-	<0.5	-	8.6	-
TEA5 29	TEA5 29_5.0	5	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 30	TEA5 30_3.0	3	23/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	0.9	-	1.1	-	<0.5	-	8.9	-
TEA5 30	TEA5 30_3.0	3	23/04/2021	ES2115305	S2	-	-	-	-	-	-	-	-	-	1.0	-	1.2	-	-	-	10.0	-
TEA5 30	TEA5 30_3.0	3	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 30	TEA5 30_4.0	4	23/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	170	120	290	0.5	-	0.5	-	<0.5	-	2.8	-
TEA5 32	TEA5 32_2.0	2	23/04/2021	ES2115558	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	1.5	-	2.0	-	<0.5	-	13.8	-
TEA5 32	TEA5 32_2.0	2	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 32	TEA5 32_3.0	3	23/04/2021	ES2115558	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	5.4	-
TEA5 32	TEA5 32_4.0	4	23/04/2021	ES2115558	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 32	TEA5 32_4.0	4	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_3.0	3	26/04/2021	ES2115695	S2	1.2	0.6	1.3	1.2	25	90	800	110	1,000	<0.5	-	<0.5	-	<0.5	-	11.1	-
TEA5 33	TEA5 33_3.0	3	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_4.0	4	26/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	<10	60	310	<100	370	<0.5	-	<0.5	-	<0.5	-	4.1	-
TEA5 33	TEA5 33_4.0	4	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_5.0	5	26/04/2021	ES2115695	S2	0.3	<0.5	0.6	<0.5	19	100	2,730	420	3,250	0.9	-	1.1	-	1	-	13.2	-
TEA5 33	TEA5 33_5.0	5	26/04/2021	ES2115695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-
TEA5 33	TEA5 33_5.0	5	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 34	TEA5 34_1.0	1	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 34	TEA5 34_2.0	2	26/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	11	80	420	200	700	1.4	-	1.8	-	<0.5	-	15.7	-
TEA5 34	TEA5 34_2.0	2	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 34	TEA5 34_3.0	3	26/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	11	90	290	<100	380	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 34	TEA5 34_4.0	4	26/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	<10	70	430	180	680	0.6	-	0.7	-	<0.5	-	6.5	-
TEA5 34	TEA5 34_4.0	4	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 35	TEA5 35_1.0	1	27/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	140	<100	140	1.6	-	2.1	-	<0.5	-	17.3	-
TEA5 35	TEA5 35_1.0	1	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 35	TEA5 35_2.0	2	27/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 35	TEA5 35_3.0	3	27/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	220	180	400	1.8	-	2.3	-	<0.5	-	21.3	-
TEA5 35	TEA5 35_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 35	TEA5 35_4.0	4	27/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	0.6	-	0.6	-
TEA5 35	TEA5 35_4.0	4	27/04/2021	ES2116067	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TEA5 35	TEA5 35_5.0	5	27/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 35	TEA5 35_6.0	6	27/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.4	-
TEA5 35	TEA5 35_6.0	6	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	QA11	2	16/03/2021	ES2109379	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	QA11A	2	16/03/2021	781472	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	TEA10 10_2.0	2	16/03/2021	ES2109379	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	200	120	320	0.9	-	1.1	-	<0.5	-	7.9	-
TEA10 10	TEA10 10_2.0	2	16/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	<1.0	-	-	<0.5
TEA10 13	QA17_190321	1.8	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,770	710	2,480	32.2	-	42.2	-	1.0	-	288	-
TEA10 13	QA17A_190321	1.8	19/03/2021	784076	S2	<0.1	<0.1	<0.1	<0.3	<20	<250	1,900	<500	1,900	75	-	120	-	2.1	-	661.4	-
TEA10 13	QA17A_190321	1.8	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,620	610	2,230	31.7	-	41.3	-	<1	-	269	-
TEA10 13	QA17A_190321	1.8	19/03/2021	ES2110034	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.3	-	-	-
TEA10 13	TEA10 13_1.8	1.8	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,560	640	2,200	29.1	-	39.0	-	0.8	-	246	-
TEA10 13	TEA10 13_1.8	1.8	19/03/2021	ES2110034	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TEA10 13	TEA10 13_1.8	1.8	19/03/2021	ES2113017	S2	<0.2	<0.5	<0.5	<0.5	-	-	-	-	-	8.0	<0.5	11.0	<0.5	<0.5	<1.0	80.7	6.1
TEA10 20	QA07_120321	1	12/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	510	350	860	4.9	-	6.8	-	<0.5	-	42.1	-
TEA10 20	QA07A_120321	1	11/03/2021	780567	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 20	QA08_120321	2	12/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	90	710	470	1,270	5.0	-	7.0	-	<0.5	-	47.6	-
TEA10 20	QA08A_120321	2	11/03/2021	780567	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 20	TEA10 20_1.0	1	12/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	120	850	480	1,450	5.6	-	6.8	-	<0.5	-	49.8	-
TEA10 20	TEA10 20_1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	2.1	-	2.1
TEA10 20	TEA10 20_2.0	2	12/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	70	500	310	880	3.4	-	4.1	-	<0.5	-	27.2	-
TEA10 20	TEA10 20_2.0	2	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 21	TEA10 21_1.0	1	12/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	160	1,320	650	2,130	10.1	-	14.2	-	0.6	-	115	-
TEA10 21	TEA10 21_1.0	1	12/03/2021	ES2108912	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TEA10 21	TEA10 21_1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	2.7	-	17.6
TEA10 21	TEA10 21_1.5	1.5	12/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	60	470	240	770	3.3	-	4.1	-	<0.5	-	30.7	-
TEA10 21	TEA10 21_1.5	1.5	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	1.5	-	10.0
TEA10 21	TEA10 21_1.5	1.5	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 22	TEA10 22_1.0	1	12/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	<0.5	-	<0.5	-	<0.5	-	1.4	-
TEA10 22	TEA10 22_1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 22	TEA10 22_2.0	2	12/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	80	930	560	1,570	5.1	-	6.4	-	<0.5	-	55.2	-
TEA10 22	TEA10 22_2.0	2	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	<1.0	-	-	2.0
TEA10 23	TEA10 23_1.0	1	26/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 23	TEA10 23_2.0	2	26/03/2021	ES2111159	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	220	110	330	2.0	-	2.6	-	<0.5	-	20.3	-
TEA10 23	TEA10 23_2.0	2	26/03/2021	ES2113182	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 26	TEA10 26_1.0	1	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_1.0	1	27/01/2021	ES2102834	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	180	130	310	0.8	-	0.9	-	<0.5	-	3.6	-
TEA10 26	TEA10 26_1.5	1.5	27/01/2021	ES2102834	S2	<0.2	<0.5	<0.5	<0.5	<10	100	1,910	930	2,940	22.5	-	32.2	-	<1	-	281	-
TEA10 26	TEA10 26_1.5	1.5	27/01/2021	ES2102834	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	2.4	-	-	-
TEA10 26	TEA10 26_1.5	1.5	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 26	TEA10 26_2.0	2	27/01/2021	ES2102834	S2	<0.2	<0.5	<0.5	<0.5	<10	90	2,890	1,060	4,040	33.0	-	45.5	-	<1	-	393	-
TEA10 26	TEA10 26_2.0	2	27/01/2021	ES2102834	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-
TEA10 26	TEA10 26_2.0	2	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TI02 2	TI02 2_2.0	2	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	200	<100	200	2.1	-	2.9	-	0.8	-	35.3	-
TI02 2	TI02 2_2.0	2	8/04/2021	ES2112831	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TI02 2	TI02 2_2.0	2	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TI02 2	TI02 2_3.0	3	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	5.3	-
TI02 2	TI02 2_4.0	4	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	140	<100	140	1.0	-	1.3	-	<0.5	-	10.2	-
TI02 2	TI02 2_4.0	4	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TI02 2	TI02 2_5.0	5	8/04/2021	ES2112831	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	220	210	430	1.0	-	1.3	-	<0.5	-	9.9	-
TI02 2	TI02 2_5.0	5	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TI02 4	QA49_030521	1	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	3.5	-
TI02 4	QA49A-030521	1	3/05/2021	793765	S2	<0.1	<0.1	<0.1	<0.3	<20	<50	<500	<500	<500	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TI02 4	TI02 4_0.5	0.5	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	290	320	610	3.1	-	3.9	-	<0.5	-	23.9	-
TI02 4	TI02 4_0.5	0.5	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TI02 4	TI02 4_1.0	1	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.5	-	0.6	-	<0.5	-	2.3	-
TI02 4	TI02 4_2.0	2	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TI02 4	TI02 4_3.0	3	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	200	<100	200	1.2	-	1.4	-	<0.5	-	8.9	-
TI02 4	TI02 4_3.0	3	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TI01 40	TI01 40 1.0	1	12/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	820	570	1,390	7.9	-	10.5	-	<0.5	-	68.3	-
TI01 40	TI01 40 1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<1.0	-	-	<0.5
TI01 40	TI01 40 2.0	2	12/03/2021	ES2108912	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,000	580	1,580	11.5	-	15.2	-	<0.5	-	110	-
TI01 40	TI01 40 2.0	2	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<1.0	-	-	4.0
TI01 43	TI01 43_3.0	3	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	350	280	630	4.3	-	6.0	-	<0.5	-	37.1	-
TI01 49	TI01 49_2.0	2	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	<0.5	-	<0.5	-	<0.5	-	2.2	-
TI01 49	TI01 49_2.0	2	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TI01 49	TI01 49_3.0	3	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TI01 49	TI01 49_4.0	4	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	680	390	1,070	9.7	-	13.6	-	<0.5	-	80.3	-
TI01 49	TI01 49_4.0	4	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TI01 49	TI01 49_5.0	5	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	310	300	610	1.0	-	1.2	-	<0.5	-	7.7	-
TI01 49	TI01 49_5.0	5	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TI01 49	TI01 49_5.0	5	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TI01 52	QA16_190321	2	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	550	400	950	6.6	-	8.9	-	<0.5	-	57.3	-
TI01 52	QA16A_190321	2	19/03/2021	782080	S2	<0.2	<0.1	<0.1	<0.3	<20	<250	580	<500	580	<5	-	<5	-	<5	-	16.7	-
TI01 52	TI01 52_1.0	1	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	120	110	230	0.7	-	0.8	-	<0.5	-	3.5	-
TI01 52	TI01 52_2.0	2	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	60	820	540	1,420	4.6	-	5.8	-	<0.5	-	40.9	-
TI01 52	TI01 52_2.0	2	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<1.0	-	-	<0.5
TI01 54	TI01 54_1.0	1	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TI01 54	TI01 54_2.0	2	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-

						BTEX				TRH					PAH							
						Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a)pyrene		Benzo(a)pyrene TEQ calc (Zero)		Naphthalene		PAHs (Sum of total)	
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
TT01 54	TT01 54_3.0	3	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	<0.5	-	<0.5	-	<0.5	-	1.6	-
TT01 73	TT01 73_2.0	2	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	11	70	240	<100	310	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 73	TT01 73_3.0	3	12/05/2021	ES2117739	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 73	TT01 73_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 75	QA24A_300321	3	30/03/2021	784941	S2	<0.1	<0.1	<0.1	<0.3	<20	<50	110	<100	110	1.7	-	2.3	-	<0.5	-	17.4	-
TT01 75	TT01 75_2.0	2	30/03/2021	ES2111722	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	320	150	470	6.0	-	8.8	-	<0.5	-	70.1	-
TT01 75	TT01 75_2.0	2	30/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 75	TT01 75_3.0	3	30/03/2021	ES2111722	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	340	120	460	1.0	-	1.3	-	<0.5	-	9.7	-
TT01 75	TT01 75_3.0	3	30/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 79	TT01 79_1.0	1	15/03/2021	ES2109145	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	160	<100	160	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 79	TT01 79_2.0	2	15/03/2021	ES2109145	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	<0.5	-	<0.5	-	<0.5	-	1.6	-
TT01 79	TT01 79_2.0	2	15/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 94	QA14_180321	2	18/03/2021	ES2109922	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	1.7	-	2.2	-	<0.5	-	13.1	-
TT01 94	TT01 94_2.0	2	18/03/2021	ES2109922	S2	<0.2	<0.5	<0.5	<0.5	17	<50	160	120	280	<0.5	-	<0.5	-	<0.5	-	1.7	-
TT02 13	TT02 13_2.0	2	18/05/2021	ES2121094	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT02 13	TT02 13_3.0	3	18/05/2021	ES2121094	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT02 14	TT02 14 _1.0	1	9/03/2021	ES2108584	S2	0.2	<0.5	<0.5	<0.5	<10	<50	450	470	920	2.5	-	3.1	-	<0.5	-	19.8	-
TT02 14	TT02 14_1.0	1	9/03/2021	ES2111289	S2	<0.2	<0.5	<0.5	-	-	-	-	-	-	1.2	-	1.6	-	<0.5	-	17.1	-
TT02 14	TT02 14_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT02 16	TT02 16_3.0	3	3/05/2021	ES2116789	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 114	TT01 114_2.0	2	30/03/2021	ES2112167	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	370	410	780	1.1	-	1.4	-	<0.5	-	9.8	-
TT01 114	TT01 114_3.0	3	30/03/2021	ES2112167	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 114	TT01 114_4.0	4	30/03/2021	ES2112167	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	470	170	640	5.3	-	7.4	-	<0.5	-	65.1	-
TT01 117	TT01 117_1.0	1	16/03/2021	ES2109379	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 117	TT01 117_2.0	2	16/03/2021	ES2109379	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 143	TT01 143_3.0	3	27/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	420	180	600	6.7	-	9.6	-	<0.5	-	67.3	-
TT01 143	TT01 143_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 143	TT01 143_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 147	QA18_190321	2	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	140	1,730	660	2,530	6.6	-	9.4	-	<0.5	-	67.0	-
TT01 147	QA18A_190321	2	19/03/2021	782080	S2	<0.1	<0.1	<0.1	<0.3	<20	<250	750	<500	750	5.3	-	7.5	-	<0.5	-	43.2	-
TT01 147	TT01 147_1.0	1	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	360	180	540	3.5	-	4.5	-	<0.5	-	33.8	-
TT01 147	TT01 147_1.0	1	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 147	TT01 147_2.0	2	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	380	190	570	4.2	-	5.9	-	<0.5	-	36.9	-
TT01 147	TT01 147_2.0	2	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 152	TT01 152_1.0	1	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 152	TT01 152_2.0	2	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 152	TT01 152_3.0	3	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 154	TT01 154_2.0	2	30/03/2021	ES2111722	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 154	TT01 154_3.0	3	30/03/2021	ES2111722	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	220	230	450	1.8	-	2.3	-	<0.5	-	18.2	-
TT01 154	TT01 154_3.0	3	30/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 178	TT01 178_0.5	0.5	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.3	-
TT01 178	TT01 178_1.0	1	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	860	520	1,380	12.5	-	16.8	-	0.7	-	108	-
TT01 178	TT01 178_1.0	1	19/03/2021	ES2110034	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TT01 178	TT01 178_2.0	2	19/03/2021	ES2110034	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	160	140	300	1.2	-	1.4	-	<0.5	-	9.8	-
TT01 178	TT01 178_2.0	2	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 179	TT01 179_3.0	3	29/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_1.0	1	22/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	290	210	500	1.5	-	1.9	-	<0.5	-	12.8	-
TT01 181	TT01 181_1.0	1	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 181	TT01 181_2.0	2	22/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	160	150	310	0.9	-	1.1	-	<0.5	-	8.4	-
TT01 181	TT01 181_2.0	2	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 181	TT01 181_3.0	3	22/04/2021	ES2115305	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	150	<100	150	2.3	-	3.0	-	<0.5	-	28.0	-
TT01 181	TT01 181_3.0	3	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 193	TT01 193_2.0	2	31/03/2021	ES2112167	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	410	330	740	2.7	-	3.6	-	<0.5	-	29.9	-
TT01 193	TT01 193_3.0	3	31/03/2021	ES2112167	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,120	690	1,810	12.3	-	17.2	-	1.0	-	108	-
TT01 193	TT01 193_4.0	4	31/03/2021	ES2112167	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,880	840	2,720	20.3	-	29.0	-	0.9	-	215	-
TT01 193	TT01 193_4.0	4	31/03/2021	ES2112167	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TT01 201	QA36_140421	2	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.8	-	1.0	-	<0.5	-	7.0	-
TT01 201	QA36A_140421	2	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 201	TT01 201_1.0	1	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 201	TT01 201_2.0	2	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.2	-
TT01 201	TT01 201_3.0	3	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 201	TT01 201_4.0	4	14/04/2021	ES2113964	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	300	470	770	0.8	-	1.0	-	<0.5	-	7.1	-
TT01 211	TT01 211_3.0	3	26/04/2021	ES2115695	S2	<0.2	1.3	<0.5	1.8	13	60	580	260	900	0.9	-	1.1	-	0.7	-	13.4	3
TT01 211	TT01 211_3.0	3	26/04/2021	ES2115695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TT01 211	TT01 211_3.0	3	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 211	TT01 211_4.0	4	26/04/2021	ES2115695	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	0.5	-	0.6	-	<0.5	-	6.1	-
TT01 212	TT01 212_1.0	1	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 212	TT01 212_2.0	2	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 212	TT01 212_3.0	3	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	<10	<50	1,750	850	2,600	23.7	-	34.4	-	<1	-	275	-
TT01 212	TT01 212_3.0	3	28/04/2021	ES2116067	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-	-	-
TT01 212	TT01 212_3.0	3	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 212	TT01 212_4.0	4	28/04/2021	ES2116067	S2	<0.2	<0.5	<0.5	<0.5	14	<50	160	<100	160	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 212	TT01 212_4.0	4	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Statistics

Number of Results	286	286	287	282	282	282	282	282	282	290	120	290	46	315	46	291	46
Number of Detects	6	6	11	7	20	36	183	137	183	167	0	167	0	34	4	208	12
Minimum Detect	0.2	0.5	0.6	0.7	11	50	100	100	100	0.5	ND	0.5	ND	0.6	1.2	0.6	1.3
Maximum Concentration	1.2	1.3	6.4	3.2	88	<250	11,200	1,220	12,600	75	<0.5	120	<0.5	<5	2.7	661.4	17.6
Standard Deviation *	0.072	0.1	0.44	0.22	6.3	33	972	228	1,183	6.6	0	9.7	0	0.36	0.43	65	3.1
95% UCL (Student's-t) *	0.112	0.263	0.346	0.297	7.018	39.63	566.1	219.2	760.2	3.441	0.25	4.762	0.25	0.409	0.725	34.19	2.244

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

								Metals														Phenols	
			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)	Phenol
			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
EQL			2	100	0.4	50	2	100	5	100	5	100	0.1	1	2	100	5	100	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand		3,000		900		3,600		240,000		1,500		730		6,000		400,000		240,000
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																			
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																			
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																			
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND																			
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																			
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																			
Airport Regulations 1997 - General soil			500		100		500		5,000		1,500		75		3,000		35,000		42,500
Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description																		
TEA2 3	TEA2 3_1.0	1	27/01/2021	ES2102834	S2	5	-	<1	-	6	-	15	-	16	-	<0.1	-	<2	-	<5	-	-	
TEA2 3	TEA2 3_2.0	2	27/01/2021	ES2102834	S2	6	-	<1	-	8	-	29	-	19	-	<0.1	-	9	-	53	-	<0.5	
TEA3 1	TEA3 1_1.0	1	28/04/2021	ES2116067	S2	6	-	<1	-	10	-	50	-	32	-	<0.1	-	11	-	59	-	-	
TEA3 1	TEA3 1_2.0	2	28/04/2021	ES2116067	S2	<5	-	<1	-	15	-	38	-	21	-	<0.1	-	7	-	26	-	-	
TEA3 1	TEA3 1_3.0	3	28/04/2021	ES2116067	S2	13	-	<1	-	7	-	14	-	45	-	<0.1	-	5	-	17	-	<0.5	
TEA3 1	TEA3 1_4.0	4	28/04/2021	ES2116067	S2	8	-	<1	-	5	-	40	-	18	-	<0.1	-	10	-	49	-	<0.5	
TEA3 3	TEA3 3_1.0	1	11/05/2021	ES2117691	S2	15	-	<1	-	10	-	62	-	38	-	<0.1	-	14	-	73	-	<0.5	
TEA3 4	TEA3 4_3.0	3	21/04/2021	ES2115147	S2	18	-	<1	-	13	-	29	-	61	-	0.6	-	6	-	58	-	<0.5	
TEA3 5	TEA3 5_1.0	1	20/04/2021	ES2115147	S2	<5	-	<1	-	48	-	47	-	15	-	<0.1	-	20	-	47	-	<0.5	
TEA3 5	TEA3 5_2.0	2	20/04/2021	ES2115147	S2	6	-	<1	-	8	-	6	-	846	-	<0.1	-	<2	-	67	-	-	
TEA3 5	TEA3 5_2.0	2	20/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-	
TEA3 6	TEA3 6_2.0	2	12/05/2021	ES2117739	S2	6	-	<1	-	9	-	69	-	23	-	<0.1	-	20	-	138	-	-	
TEA3 6	TEA3 6_2.0	2	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA3 6	TEA3 6_3.0	3	12/05/2021	ES2117739	S2	7	-	4	-	20	-	150	-	443	-	<0.1	-	17	-	510	-	-	
TEA3 6	TEA3 6_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	2,900	-	-	-	-	-	-	-	
TEA3 6	TEA3 6_4.0	4	12/05/2021	ES2117739	S2	6	-	<1	-	28	-	48	-	703	-	<0.1	-	13	-	110	-	-	
TEA3 6	TEA3 6_4.0	4	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	3,900	-	-	-	-	-	-	-	
TEA3 6	TEA3 6_5.0	5	12/05/2021	ES2117739	S2	15	-	<1	-	16	-	83	-	317	-	0.3	-	9	-	443	-	<0.5	
TEA3 6	TEA3 6_5.0	5	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	2,000	-	-	-	-	-	-	-	
TEA3 7	TEA3 7_3.0	3	19/04/2021	ES2114835	S2	<5	-	<1	-	10	-	12	-	12	-	<0.1	-	10	-	21	-	-	
TEA3 7	TEA3 7_3.0	3	19/04/2021	ES2116364	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA3 7	TEA3 7_4.0	4	19/04/2021	ES2114835	S2	6	-	<1	-	16	-	29	-	26	-	<0.1	-	11	-	35	-	-	
TEA3 8	TEA3 8_3.0	3	28/04/2021	ES2116067	S2	13	-	2	-	43	-	137	-	167	-	0.4	-	13	-	538	-	-	
TEA3 8	TEA3 8_3.0	3	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-	
TEA3 8	TEA3 8_4.0	4	28/04/2021	ES2116067	S2	9	-	<1	-	19	-	12	-	36	-	<0.1	-	3	-	35	-	-	
TEA3 8	TEA3 8_4.0	4	28/04/2021	ES2116067	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA3 8	TEA3 8_4.0	4	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA3 9	QA43_210421	5	21/04/2021	ES2115147	S2	13	-	2	-	54	-	812	-	1,110	-	<0.1	-	68	-	1,550	-	<0.5	
TEA3 9	QA43A_210421	5	22/04/2021	790559	S2	54	-	1.3	-	59	-	11,000	-	900	-	<0.1	-	160	-	690	-	<0.5	
TEA3 9	QA43A_210421	5	22/04/2021	792468	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA3 9	TEA3 9_2.0	2	21/04/2021	ES2115147	S2	<5	-	<1	-	15	-	30	-	42	-	<0.1	-	4	-	50	-	<0.5	
TEA3 9	TEA3 9_3.0	3	21/04/2021	ES2115147	S2	23	-	8	-	105	-	366	-	402	-	1.0	-	29	-	1,130	-	-	
TEA3 9	TEA3 9_3.0	3	26/04/2021	ES2116856	S2	-	-	-	-	-	<100	-	-	-	200	-	-	-	-	-	-	-	
TEA3 9	TEA3 9_4.0	4	21/04/2021	ES2115147	S2	8	-	<1	-	26	-	52	-	59	-	<0.1	-	34	-	51	-	-	
TEA3 9	TEA3 9_4.0	4	26/04/2021	ES2116856	S2	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	
TEA3 9	TEA3 9_5.0	5	21/04/2021	ES2115147	S2	8	-	1	-	104	-	328	-	513	-	<0.1	-	91	-	568	-	<0.5	
TEA3 9	TEA3 9_5.0	5	26/04/2021	ES2116856	S2	-	-	-	-	-	<100	-	-	-	400	-	-	-	100	-	-	-	
TEA5 3	TEA5 3_1.0	1	7/05/2021	ES2117695	S2	6	-	<1	-	5	-	22	-	60	-	<0.1	-	5	-	40	-	-	
TEA5 3	TEA5 3_2.0	2	7/05/2021	ES2117695	S2	5	-	<1	-	6	-	44	-	72	-	<0.1	-	4	-	99	-	<0.5	
TEA5 3	TEA5 3_2.0	2	7/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA5 4	TEA5 4_1.0	1	7/05/2021	ES2117695	S2	8	-	<1	-	10	-	50	-	80	-	0.3	-	14	-	111	-	-	
TEA5 4	TEA5 4_1.0	1	7/05/2021	ES2117695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA5 4	TEA5 4_1.0	1	7/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA5 8	TEA5 8_3.0	3	23/04/2021	ES2115305	S2	8	-	10	-	32	-	281	-	792	-	0.3	-	24	-	1,440	-	<0.5	
TEA5 8	TEA5 8_3.0	3	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	2,500	-	-	-	-	-	-	-	
TEA5 8	TEA5 8_4.0	4	23/04/2021	ES2115305	S2	26	-	16	-	46	-	618	-	1,200	-	0.4	-	49	-	2,630	-	-	
TEA5 8	TEA5 8_4.0	4	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	1,700	-	-	-	200	-	-	-	
TEA5 8	TEA5 8_5.0	5	23/04/2021	ES2115305	S2	10	-	<1	-	11	-	66	-	262	-	0.7	-	9	-	173	-	-	
TEA5 8	TEA5 8_5.0	5	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	-	
TEA5 8	TEA5 8_6.0	6	23/04/2021	ES2115305	S2	<5	-	<1	-	8	-	10	-	17	-	<0.1	-	3	-	14	-	-	
TEA5 9	TEA5 9_2.0	2	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA5 9	TEA5 9_3.0	3	22/04/2021	ES2115147	S2	<5	-	<1	-	6	-	58	-	19	-	<0.1	-	26	-	139	-	-	
TEA5 9	TEA5 9_4.0	4	22/04/2021	ES2115147	S2	<5	-	<1	-	6	-	46	-	17	-	<0.1	-	25	-	136	-	-	
TEA6 2	TEA6 2_1.0	1	10/05/2021	ES2118168	S2	8	-	1	-	21	-	20	-	81	-	0.5	-	4	-	54	-	-	
TEA6 2	TEA6 2_2.0	2	10/05/2021	ES2118168	S2	6	-	1	-	31	-	82	-	292	-	1.2	-	48	-	262	-	<0.5	
TEA6 2	TEA6 2_2.0	2	10/05/2021	ES2118168	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA6 2	TEA6 2_2.0	2	10/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	800	-	-	-	<100	-	-	-	
TEA10 2	TEA10 2_1.0	1	12/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA10 2	TEA10 2_2.0	2	12/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA10 2	TEA10 2_2.0	2	12/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA10 2	TEA10 2_3.0	3	12/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-	
TEA10 4	TEA10 4_1.0	1	17/03/2021	ES2109922	S2	7	-	<1	-	21	-	76	-	85	-	0.2	-	8	-	92	-	-	
TEA10 4	TEA10 4_2.0	2	17/03/2021	ES2109922	S2	<5	-	<1	-	15	-	30	-	92	-	0.2	-	7	-	98	-	<0.5	
TEA10 9	TEA10 9_2.0	2	30/03/2021	ES2112167	S2	<5	-	<1	-	15	-	18	-	23	-	<0.1	-	7	-	42	-	-	
TEA1 15	TEA1 15_2	2	23/06/2021	ES2123456	S2	<5	<100	<1	<50	8	<100	22	<100	47	<100	<0.1	<1.0	4	<100	59	100	<0.5	
TEA1 15	TEA1 15_3	3	23/06/2021	ES2123456	S2	<5	<100	<1	<50	16	<100	61	<100	364	8,700	0.2	<1.0	6	<100	139	900	<0.5	
TEA1 15	TEA1 15_3	3	23/06/2021	ES2123456	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 21	TEA1 21_1.0	1	4/05/2021	ES2116789	S2	5	-	<1	-	9	-	19	-	20	-	<0.1	-	21	-	58	-	-	
TEA1 23	TEA1 23_1.0	1	11/03/2021	ES2108912	S2	<5	-	<1	-	6	-	18	-	28	-	<0.1	-	4	-	37	-	-	
TEA1 23	TEA1 23_1.0	1	11/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 24	TEA1 24_1.0	1	10/03/2021	ES2108584	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 24	TEA1 24_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 24	TEA1 24_1.0 - TCLP	1	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 28	TEA1 28_1.0	1	11/03/2021	ES2108912	S2	<5	-	<1	-	7	-	<5	-	5	-	0.2	-	<2	-	<5	-	-	
TEA1 28	TEA1 28_1.0	1	11/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 31	TEA1 31_1.0	1	9/03/2021	ES2108584	S2	7	-	8	-	15	-	41	-	96	-	0.1	-	24	-	80	-	<0.5	
TEA1 31	TEA1 31_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 32	TEA1 32_2.0	2	4/05/2021	ES2116789	S2	<5	-	<1	-	8	-	10	-	33	-	<0.1	-	4	-	176	-	<0.5	
TEA1 33	TEA1 33_1.0	1	9/03/2021	ES2108584	S2	7	-	1	-	13	-	45	-	108	-	0.2	-	23	-	682	-	-	
TEA1 33	TEA1 33_1.0	1	9/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	
TEA1 33	TEA1 33_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 33	TEA1 33_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	500	-	-	-	-	-	-	-	
TEA1 34	TEA1 34_1.0	1	10/03/2021	ES2108584	S2	<5	-	<1	-	8	-	19	-	17	-	<0.1	-	6	-	23	-	-	
TEA1 34	TEA1 34_1.0 - TCLP	1	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 34	TEA1 34_1.5	1.5	10/03/2021	ES2108584	S2	<5	-	<1	-	12	-	30	-	42	-	<0.1	-	9	-	47	-	-	
TEA1 34	TEA1 34_1.5	1.5	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 34	TEA1 34_1.5 - ASLP	1.5	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 34	TEA1 34_1.5 - TCLP	1.5	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 36	TEA1 36_0.9	0.9	27/01/2021	ES2102834	S2	<5	-	<1	-	7	-	34	-	84	-	0.2	-	10	-	143	-	<0.5	
TEA1 36	TEA1 36_0.9	0.9	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 36	TEA1 36_1.9	1.9	27/01/2021	ES2102834	S2	8	-	<1	-	14	-	55	-	224	-	0.3	-	12	-	431	-	<0.5	
TEA1 36	TEA1 36_1.9	1.9	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-	
TEA1 36	TEA1 36_1.9	1.9	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 36	TEA1 36_1.9_1	1.9	27/01/2021	ES2104878	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 36	TEA1 36_1.9_2	1.9	27/01/2021	ES2104878	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 36	TEA1 36_1.9_3	1.9	27/01/2021	ES2104878	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 37	TEA1 37_2	2	23/06/2021	ES2123456	S2	<5	<100	<1	<50	8	<100	35	<100	78	300	0.1	<1.0	11	<100	104	1,100	-	
TEA1 37	TEA1 37_3	3	23/06/2021	ES2123456	S2	7	<100	<1	<50	12	<100	68	<100	179	400	0.1	<1.0	10	<100	234	3,000	-	
TEA1 37	TEA1 37_4.0	4	23/06/2021	ES2123456	S2	9	<100	<1	<50	19	<100	86	<100	511	100	0.1	<1.0	11	<100	366	2,000	-	
TEA1 38	TEA1 38_1.0	1	9/03/2021	ES2108584	S2	<5	-	<1	-	7	-	10	-	14	-	<0.1	-	6	-	32	-	-	
TEA1 38	TEA1 38_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 38	TEA1 38_2.0	2	9/03/2021	ES2108584	S2	7	-	<1	-	10	-	89	-	255	-	0.1	-	20	-	178	-	-	
TEA1 38	TEA1 38_2.0	2	9/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	
TEA1 38	TEA1 38_2.0	2	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 38	TEA1 38_2.0 - ASLP	2	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 38	TEA1 38_2.0 - TCLP	2	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	-	
TEA1 39	TEA1 39_1.0	1	9/03/2021	ES2108584	S2	8	-	2	-	11	-	82	-	111	-	<0.1	-	10	-	368	-	<0.5	
TEA1 39	TEA1 39_1.0 - ASLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 39	TEA1 39_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-	
TEA1 39	TEA1 39_2.0	2	9/03/2021	ES2108584	S2	6	-	<1	-	10	-	39	-	126	-	0.1	-	9	-	266	-	-	
TEA1 39	TEA1 39_2.0	2	9/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 39	TEA1 39_2.0	2	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 39	TEA1 39_2.0 - TCLP	2	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-	
TEA1 39	TEA39 1 1.0_FRAGMENT1	1	9/03/2021	ES2108584	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 40	TEA1 40_3.0	3	29/03/2021	ES2111722	S2	<5	-	<1	-	24	-	38	-	50	-	0.1	-	22	-	94	-	-	
TEA1 41	TEA1 41_1	1	23/06/2021	ES2123456	S2	8	<100	<1	<50	13	<100	120	200	76	300	<0.1	<1.0	13	<100	170	1,500	-	
TEA1 41	TEA1 41_2	2	23/06/2021	ES2123456	S2	8	<100	<1	<50	8	<100	105	<100	78	<100	<0.1	<1.0	9	<100	100	300	-	
TEA1 41	TEA1 41_3	3	23/06/2021	ES2123456	S2	<5	<100	<1	<50	4	<100	17	<100	34	400	<0.1	<1.0	3	<100	45	500	<0.5	
TEA1 41	TEA1 41_4	4	23/06/2021	ES2123456	S2	<5	<100	<1	<50	8	<100	18	<100	54	200	<0.1	<1.0	7	<100	113	1,800	-	
TEA1 41	TEA1 41_5	5	23/06/2021	ES2123456	S2	13	<100	15	180	13	<100	94	200	688	1,200	0.1	<1.0	12	<100	309	2,400	<0.5	
TEA1 41	TEA1 41_5	5	23/06/2021	ES2123456	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 41	TEA1 41_6.0	6	23/06/2021	ES2123456	S2	7	<100	6	240	11	<100	140	100	357	1,800	0.1	<1.0	12	<100	274	3,300	-	
TEA1 43	TEA1 43_1.0	1	8/04/2021	ES2112831	S2	<5	-	<1	-	11	-	20	-	58	-	<0.1	-	7	-	65	-	-	
TEA1 43	TEA1 43_2.0	2	8/04/2021	ES2112831	S2	<5	-	<1	-	11	-	56	-	100	-	<0.1	-	14	-	145	-	-	
TEA1 43	TEA1 43_2.0	2	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TEA1 43	TEA1 43_3.0	3	8/04/2021	ES2112831	S2	11	-	4	-	21	-	69	-	393	-	0.2	-	25	-	256	-	-	
TEA1 43	TEA1 43_3.0	3	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-	

						Metals																Phenols
						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)	Phenol
						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
TEA1 43	TEA1 43_4.0	4	8/04/2021	ES2112831	S2	7	-	-	-	14	-	31	-	131	-	0.2	-	11	-	396	-	-
TEA1 43	TEA1 43_4.0	4	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-
TEA1 43	TEA1 43_5.0	5	8/04/2021	ES2112831	S2	12	-	2	-	23	-	62	-	181	-	0.2	-	23	-	293	-	-
TEA1 43	TEA1 43_5.0	5	8/04/2021	ES2112831	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 43	TEA1 43_5.0	5	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA1 44	QA26A_080421	2	8/04/2021	786879	S2	14	-	1.2	-	20	-	34	-	120	-	0.3	-	11	-	140	-	-
TEA1 44	QA26B421	2	8/04/2021	ES2112831	S2	8	-	3	-	19	-	49	-	109	-	0.5	-	13	-	109	-	-
TEA1 44	TEA1 44_2.0	2	8/04/2021	ES2112831	S2	9	-	2	-	22	-	55	-	160	-	0.3	-	18	-	454	-	-
TEA1 44	TEA1 44_2.0	2	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	500	-	-	-	-	-	-	-
TEA1 44	TEA1 44_3.0	3	8/04/2021	ES2112831	S2	9	-	4	-	16	-	61	-	174	-	0.3	-	11	-	188	-	-
TEA1 44	TEA1 44_3.0	3	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA1 44	TEA1 44_4.0	4	8/04/2021	ES2112831	S2	8	-	<1	-	17	-	59	-	115	-	0.2	-	9	-	148	-	<0.5
TEA1 44	TEA1 44_4.0	4	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA1 45	TEA1 45_2.0	2	29/03/2021	ES2111722	S2	8	-	2	-	17	-	57	-	156	-	0.2	-	13	-	221	-	-
TEA1 45	TEA1 45_2.0	2	29/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	-
TEA1 45	TEA1 45_3.0	3	29/03/2021	ES2111722	S2	8	-	6	-	13	-	41	-	160	-	0.1	-	9	-	240	-	-
TEA1 45	TEA1 45_3.0	3	29/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	800	-	-	-	-	-	-	-
TEA1 45	TEA1 45_4.0	4	29/03/2021	ES2111722	S2	<5	-	<1	-	8	-	10	-	15	-	<0.1	-	6	-	34	-	-
TEA1 45	TEA1 45_5.0	5	29/03/2021	ES2111722	S2	<5	-	<1	-	8	-	17	-	47	-	<0.1	-	7	-	67	-	-
TEA2 24	TEA2 24_2.0	2	16/03/2021	ES2109379	S2	7	-	<1	-	10	-	45	-	65	-	<0.1	-	16	-	113	-	<0.5
TEA2 33	TEA2 33_1.0	1	4/05/2021	ES2116789	S2	<5	-	<1	-	8	-	6	-	15	-	<0.1	-	6	-	29	-	<0.5
TEA2 33	TEA2 33_2.0	2	4/05/2021	ES2116789	S2	<5	-	<1	-	8	-	9	-	16	-	<0.1	-	4	-	23	-	<0.5
TEA2 36	TEA2 36_2.0	2	4/05/2021	ES2116789	S2	6	-	<1	-	13	-	17	-	45	-	<0.1	-	8	-	39	-	<0.5
TEA2 36	TEA2 36_2.0	2	4/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 37	TEA2 37_2.0	2	26/03/2021	ES2111159	S2	<5	-	<1	-	6	-	6	-	16	-	<0.1	-	4	-	21	-	-
TEA2 38	QA19_250321	2	25/03/2021	ES2111159	S2	<5	-	<1	-	11	-	6	-	13	-	<0.1	-	5	-	25	-	-
TEA2 38	TEA2 38_1.0	1	25/03/2021	ES2111159	S2	<5	-	<1	-	6	-	12	-	22	-	<0.1	-	5	-	31	-	-
TEA2 38	TEA2 38_2.0	2	25/03/2021	ES2111159	S2	<5	-	<1	-	8	-	7	-	14	-	<0.1	-	5	-	27	-	-
TEA2 38	TEA2 38_2.0	2	25/03/2021	ES2113182	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 39	TEA2 39_1.0	1	25/03/2021	ES2111159	S2	<5	-	<1	-	6	-	8	-	12	-	<0.1	-	4	-	24	-	<0.5
TEA2 39	TEA2 39_2.0	2	25/03/2021	ES2111159	S2	<5	-	<1	-	12	-	14	-	45	-	<0.1	-	9	-	40	-	-
TEA2 42	TEA2 42_2.0	2	5/05/2021	ES2117097	S2	<5	-	<1	-	9	-	7	-	21	-	<0.1	-	4	-	43	-	<0.5
TEA2 43	TEA2 43_2.0	2	25/03/2021	ES2111159	S2	<5	-	<1	-	8	-	10	-	20	-	<0.1	-	6	-	37	-	-
TEA2 44	TEA2 44_1.0	1	25/03/2021	ES2111159	S2	<5	-	<1	-	9	-	7	-	17	-	<0.1	-	6	-	27	-	-
TEA2 44	TEA2 44_2.0	2	25/03/2021	ES2111159	S2	<5	-	<1	-	10	-	10	-	18	-	<0.1	-	7	-	35	-	-
TEA2 44	TEA2 44_2.0	2	25/03/2021	ES2113182	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 45	TEA2 45_2.0	2	15/04/2021	ES2113964	S2	<5	-	<1	-	8	-	39	-	31	-	<0.1	-	12	-	68	-	-
TEA2 47	TEA2 47_1.0	1	15/04/2021	ES2113964	S2	<5	-	<1	-	19	-	90	-	41	-	<0.1	-	20	-	141	-	-
TEA2 47	TEA2 47_1.0	1	15/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 47	TEA2 47_2.0	2	15/04/2021	ES2113964	S2	6	-	<1	-	20	-	21	-	32	-	<0.1	-	10	-	58	-	-
TEA2 47	TEA2 47_2.0	2	15/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 47	TEA2 47_3.0	3	15/04/2021	ES2113964	S2	8	-	<1	-	8	-	18	-	21	-	<0.1	-	3	-	18	-	<0.5
TEA3 10	QA46_230421	4	23/04/2021	ES2115558	S2	59	-	7	-	46	-	602	-	25,300	-	0.2	-	80	-	964	-	0.7
TEA3 10	QA46_230421	4	23/04/2021	ES2115558	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8
TEA3 10	QA46A_230421	4	23/04/2021	791312	S2	34	-	7.4	-	42	-	250	-	5,700	-	0.9	-	44	-	840	-	2.8
TEA3 10	TEA3 10_2.0	2	23/04/2021	ES2115558	S2	<5	-	<1	-	30	-	80	-	34	-	<0.1	-	19	-	160	-	-
TEA3 10	TEA3 10_2.0	2	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	TEA3 10_3.0	3	23/04/2021	ES2115558	S2	<5	-	<1	-	4	-	17	-	16	-	<0.1	-	8	-	32	-	-
TEA3 10	TEA3 10_3.0	3	23/04/2021	ES2115558	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	TEA3 10_3.0	3	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	TEA3 10_4.0	4	23/04/2021	ES2117299	S2	-	<100	-	-	-	-	-	-	-	56,900	-	-	-	3,400	-	-	-
TEA3 11	TEA3 11_2.0	2	21/04/2021	ES2115147	S2	7	-	<1	-	8	-	7	-	58	-	<0.1	-	<2	-	75	-	-
TEA3 11	TEA3 11_3.0	3	21/04/2021	ES2115147	S2	<5	-	<1	-	4	-	24	-	67	-	<0.1	-	9	-	197	-	-
TEA3 11	TEA3 11_4.0	4	21/04/2021	ES2115147	S2	7	-	<1	-	8	-	42	-	51	-	<0.1	-	61	-	106	-	-
TEA3 11	TEA3 11_4.0	4	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	-	-	-
TEA3 12	TEA3 12_1.0	1	13/04/2021	ES2113964	S2	5	-	<1	-	7	-	60	-	27	-	<0.1	-	10	-	59	-	<0.5
TEA3 12	TEA3 12_2.0	2	13/04/2021	ES2113964	S2	<5	-	<1	-	17	-	33	-	64	-	<0.1	-	21	-	80	-	<0.5
TEA3 12	TEA3 12_3.0	3	13/04/2021	ES2113964	S2	10	-	<1	-	24	-	47	-	200	-	0.7	-	12	-	254	-	-
TEA3 12	TEA3 12_3.0	3	13/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	700	-	-	-	-	-	-	-
TEA3 13	TEA3 13_2.0	2	27/04/2021	ES2115695	S2	8	-	<1	-	9	-	47	-	24	-	<0.1	-	26	-	152	-	<0.5
TEA3 13	TEA3 13_3.0	3	27/04/2021	ES2115695	S2	13	-	37	-	45	-	740	-	2,700	-	0.7	-	72	-	4,310	-	-
TEA3 13	TEA3 13_3.0	3	27/04/2021	ES2117942	S2	-	-	-	560	-	-	-	-	-	5,400	-	-	-	300	-	-	-
TEA3 13	TEA3 13_4.0	4	27/04/2021	ES2115695	S2	7	-	2	-	16	-	1,200	-	232	-	0.2	-	14	-	350	-	-
TEA3 13	TEA3 13_4.0	4	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	7,900	-	-	-	-	-	-	-
TEA3 13	TEA3 13_5.0	5	27/04/2021	ES2115695	S2	<5	-	1	-	7	-	26	-	82	-	<0.1	-	5	-	123	-	<0.5
TEA3 14	TEA3 14_2.0	2	27/01/2021	ES2102834	S2	7	-	<1	-	10	-	28	-	57	-	0.8	-	8	-	112	-	<0.5
TEA3 14	TEA3 14_3.0	3	19/04/2021	ES2114835	S2	8	-	<1	-	14	-	26	-	71	-	0.2	-	7	-	28	-	-
TEA3 16	QA01_NIGHT_120521	5	12/05/2021	ES2117739	S2	45	-	9	-	56	-	238	-	1,460	-	0.3	-	47	-	1,260	-	<0.5
TEA3 16	QA01A_NIGHT_120521	5	12/05/2021	795740	S2	45	-	3.7	-	82	-	290	-	1,500	-	0.3	-	46	-	1,400	-	<0.5
TEA3 16	TEA3 16_3.0	3	12/05/2021	ES2117739	S2	20	-	9	-	97	-	330	-	375	-	0.9	-	34	-	2,140	-	-
TEA3 16	TEA3 16_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-
TEA3 16	TEA3 16_4.0	4	12/05/2021	ES2117739	S2	11	-	<1	-	28	-	83	-	91	-	0.2	-	10	-	196	-	-
TEA3 16	TEA3 16_4.0	4	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 16	TEA3 16_5.0	5	12/05/2021	ES2117739	S2	48	-	6	-	68	-	294	-	1,350	-	0.2	-	67	-	1,080	-	<0.5
TEA3 16	TEA3 16_5.0	5	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	1,900	-	-	-	400	-	-	-
TEA3 18	TEA3 18_2.0	2	12/05/2021	ES2117739	S2	<5	-	<1	-	8	-	13	-	57	-	<0.1	-	6	-	68	-	-
TEA3 18	TEA3 18_3.0	3	12/05/2021	ES2117739	S2	51	-	2	-	42	-	47	-	239	-	<0.1	-	60	-	157	-	-
TEA3 18	TEA3 18_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	600	-	-	-	400	-	-	-
TEA3 18	TEA3 18_4.0	4	12/05/2021	ES2117739	S2	15	-	<1	-	12	-	42	-	50	-	0.1	-	30	-	147	-	-
TEA3 19	TEA3 19_1.0	1	13/05/2021	ES2117943	S2	<5	-	<1	-	31	-	53	-	36	-	<0.1	-	29	-	120	-	-
TEA3 19	TEA3 19_1.0	1	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 19	TEA3 19_2.0	2	13/05/2021	ES2117943	S2	7	-	<1	-	8	-	32	-	43	-	<0.1	-	18	-	79	-	-
TEA3 19	TEA3 19_3.0	3	13/05/2021	ES2117943	S2	7	-	<1	-	10	-	36	-	33	-	<0.1	-	9	-	47	-	<0.5
TEA3 19	TEA3 19_4.0	4	13/05/2021	ES2117943	S2	7	-	1	-	22	-	183	-	87	-	0.2	-	9	-	270	-	-
TEA3 19	TEA3 19_4.0	4	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 19	TEA3 19_5.0	5	13/05/2021	ES2117943	S2	6	-	<1	-	13	-	55	-	109	-	0.1	-	17	-	130	-	-
TEA3 19	TEA3 19_5.0	5	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 21	TEA3 21_2.0	2	21/04/2021	ES2115147	S2	10	-	<1	-	18	-	<2	-	64	-	<0.1	-	<2	-	36	-	-
TEA3 21	TEA3 21_3.0	3	21/04/2021	ES2115147	S2	8	-	<1	-	16	-	73	-	125	-	0.1	-	28	-	265	-	<0.5
TEA3 21	TEA3 21_3.0	3	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA3 21	TEA3 21_4.0	4	21/04/2021	ES2115147	S2	22	-	5	-	99	-	639	-	798	-	0.9	-	116	-	2,280	-	-
TEA3 21	TEA3 21_4.0	4	21/04/2021	ES2115147	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 21	TEA3 21_4.0	4	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	<100	-	-	-	200	-	-	-
TEA3 21	TEA3 21_5.0	5	21/04/2021	ES2115147	S2	18	-	4	-	20	-	128	-	362	-	0.1	-	45	-	1,190	-	<0.5
TEA3 21	TEA3 21_5.0	5	21/04/2021	ES2115147	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 21	TEA3 21_5.0	5	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	500	-	-	-
TEA3 22	TEA3 22_2.0	2	23/04/2021	ES2115558	S2	33	-	<1	-	12	-	137	-	90	-	<0.1	-	11	-	76	-	-
TEA3 22	TEA3 22_3.0	3	23/04/2021	ES2115558	S2	<5	-	<1	-	15	-	36	-	112	-	<0.1	-	7	-	172	-	-
TEA3 22	TEA3 22_3.0	3	23/04/2021	ES2115558	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 22	TEA3 22_3.0	3	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA3 22	TEA3 22_4.0	4	23/04/2021	ES2115558	S2	5	-	<1	-	7	-	15	-	20	-	<0.1	-	<2	-	10	-	<0.5
TEA3 25	TEA3 25_3.0	3	29/04/2021	ES2116067	S2	6	-	<1	-	32	-	116	-	24	-	<0.1	-	18	-	208	-	-
TEA3 25	TEA 3 25_3.0	3	29/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 26	QA42_200421	4	20/04/2021	ES2114835	S2	<5	-	<1	-	20	-	18	-	36	-	<0.1	-	9	-	57	-	<0.5
TEA3 26	QA42A_200421	4	20/04/2021	790137	S2	4.0	-	<0.4	-	23	-	22	-	73	-	<0.1	-	8.1	-	63	-	<0.5
TEA3 26	TEA3 26_3.0	3	20/04/2021	ES2114835	S2	6	-	<1	-	12	-	30	-	139	-	0.1	-	11	-	135	-	-
TEA3 26	TEA3 26_3.0	3	20/04/2021	ES2116364	S2	-	-	-	-	-	-	-	-	-	600	-	-	-	-	-	-	-
TEA3 26	TEA3 26_4.0	4	20/04/2021	ES2114835	S2	<5	-	<1	-	18	-	19	-	35	-	<0.1	-	9	-	61	-	<0.5
TEA3 26	TEA3 26_4.0	4	20/04/2021	ES2116364	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 27	TEA3 27_2.0	2	20/04/2021	ES2114835	S2	13	-	<1	-	14	-	17	-	38	-	<0.1	-	6	-	31	-	-
TEA3 27	TEA3 27_3.0	3	20/04/2021	ES2114835	S2	6	-	<1	-	7	-	9	-	42	-	<0.1	-	<2	-	35	-	-
TEA3 27	TEA3 27_3.0	3	20/04/2021	ES2114835	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 28	TEA3 28_1.0	1	14/04/2021	ES2113964	S2	<5	-	<1	-	7	-	26	-	27	-	<0.1	-	4	-	15	-	-
TEA3 28	TEA3 28_2.0	2 - 0	14/04/2021	ES2113964	S2	<5	-	<1	-	13	-	8	-	74	-	0.1	-	<2	-	92	-	<0.5
TEA3 28	TEA3 28_3.0	3	14/04/2021	ES2113964	S2	6	-	2	-	18	-	77	-	59	-	0.1	-	8	-	238	-	<0.5
TEA3 29	TEA3 29_2.0	2	26/04/2021	ES2115661	S2	5	-	<1	-	27	-	73	-	203	-	<0.1	-	46	-	242	-	<0.5
TEA3 29	TEA3 29_2.0	2	26/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	800	-	-	-	100	-	-	-
TEA3 29	TEA3 29_3.0	3	26/04/2021	ES2115661	S2	8	-	<1	-	14	-	47	-	54	-	<0.1	-	8	-	198	-	-
TEA3 29	TEA3 29_4.0	4	26/04/2021	ES2115661	S2	9	-	<1	-	21	-	62	-	320	-	0.2	-	12	-	744	-	-
TEA3 29	TEA3 29_4.0	4	26/04/2021	ES2115661	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 29	TEA3 29_4.0	4	26/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	-
TEA3 29	TEA3 29_5.0	5	26/04/2021	ES2115661	S2	837	-	9	-	44	-	244	-	1,040	-	0.1	-	18	-	1,190	-	-
TEA3 29	TEA3 29_5.0	5	26/04/2021	ES2115661	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 29	TEA3 29_5.0	5	26/04/2021	ES2117299	S2	-	800	-	-	-	-	-	-	-	1,700	-	-	-	-	-	-	-
TEA5 13	TEA5 13_3.0	3	22/04/2021	ES2115305	S2	6	-	<1	-	9	-	51	-	73	-	0.2	-	16	-	97	-	-
TEA5 13	TEA5 13_3.0	3	22/04/2021	ES2115305	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 13	TEA5 13_3.0	3	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 13	TEA5 13_4.0	4	22/04/2021	ES2115305	S2	<5	-	2	-	12	-	68	-	252	-	0.1	-	14	-	407	-	<0.5
TEA5 13	TEA5 13_4.0	4	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	-
TEA5 16	TEA5 16_1.0	1	14/04/2021	ES2113964	S2	<5	-	<1	-	6	-	41	-	31	-	<0.1	-	6	-	45	-	-
TEA5 16	TEA5 16_2.0	2	14/04/2021	ES2113964	S2	7	-	<1	-	12	-	24	-	44	-	<0.1	-	10	-	101	-	<0.5
TEA5 16	TEA5 16_2.0	2	14/04/2021	ES2113964	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 16	TEA5 16_3.0	3	14/04/2021	ES2113964	S2	11	-	<1	-	7	-	24	-	19	-	<0.1	-	<2	-	10	-	-
TEA5 17	TEA5 17_3.0	3	14/04/2021	ES2113964	S2	14	-	3	-	46	-	164	-	151	-	0.5	-	16	-	533	-	-
TEA5 17	TEA5 17_3.0	3	14/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-
TEA5 17	TEA5 17_4.0	4	14/04/2021	ES2113964	S2	<5	-	<1	-	8	-	27	-	19	-	0.3	-	6	-	150	-	-
TEA5 19	TEA5 19_2.0	2	27/04/2021	ES2115695	S2	10	-	1	-	39	-	144	-	662	-	0.5	-	23	-	1,240	-	<0.5
TEA5 19	TEA5 19_2.0	2	27/04/2021	ES2115695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 20	TEA 5 20_3.0	3	23/06/2021	ES2123456	S2	<5	<100	<1	<50	4	<100	11	<100	55	200	<0.1	<1.0	2	<100	86	1,000	-
TEA5 21	QA41_190421	2	19/04/2021	ES2114835	S2	<5	-	<1	-	3	-	11	-	14	-	<0.1	-	4	-	18	-	-
TEA5 21	QA41A_190421	2	19/04/2021	790137	S2	<5	-	<0.4	-	<5	-	9.8	-	16	-	<0.1	-	<2	-	16	-	-
TEA5 21	TEA5 21_1.0	1	19/04/2021	ES2114835	S2	<5	-	<1	-	8	-	46	-	22	-	<0.1	-	14	-	75	-	-
TEA5 21	TEA 5 21_2.0	2	19/04/2021	ES2114835	S2	<5	-	<1	-	4	-	16	-	22	-	<0.1	-	5	-	23	-	<0.5
TEA5 23	QA47_280421	2	28/04/2021	ES2116067	S2	7	-	<1	-	9	-	32	-	103	-	0.2	-	8	-	251	-	<0.5
TEA5 23	QA47A_280421	2	28/04/2021	792791	S2	9.5	-	0.9	-	16	-	36	-	110	-	0.2	-	14	-	290	-	<0.5
TEA5 23	TEA5 23_2.0	2	28/04/2021	ES2116067	S2	7	-	<1	-	17	-	30	-	106	-	0.2	-	11	-	241	-	<0.5
TEA5 23	TEA5 23_2.0	2	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-
TEA5 23	TEA5 23_3.0	3	28/04/2021	ES2116067	S2	<5	-	<1	-	4	-	21	-	22	-	<0.1	-	4	-	36	-	-
TEA5 24	TEA5 24_2.0	2	27/04/2021	ES2115695	S2	10	-	2	-	13	-	196	-	283	-	0.2	-	9	-	333	-	<0.5
TEA5 24	TEA5 24_2.0	2	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	800	-	-	-	-	-	-	-
TEA5 24	TEA5 24_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	7,200	-	-	-	100	-	-	-
TEA5 24	TEA5 24_4.0	4	27/04/2021	ES2115695	S2	7	-	<1	-	45	-	<5	-	25	-	<0.1	-	3	-	11	-	-
TEA5 24	TEA5 24_6.0	6	27/04/2021	ES2115695	S2	24	-	3	-	24	-	560	-	629	-	0.4	-	18	-	1,410	-	<0.5
TEA5 25	TEA5 25_4.0	4	13/05/2021	ES2117943	S2	6	-	<1	-	10	-	36	-	135	-	0.1	-	13	-	150	-	-
TEA5 25	TEA5 25_4.0	4	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	-
TEA5 25	TEA5 25_5.0	5	13/05/2021	ES2117943	S2	10	-	4	-	29	-	184	-	564	-	0.1	-	49	-	613	-	-
TEA5 25	TEA5 25_5.0	5	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	100	-	-	-	600	-	-	-

						Metals																Phenols
						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)	Phenol
						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
TEA5 26	TEA5 26_2.0	2	22/04/2021	ES2115147	S2	6	-	<1	-	8	-	58	-	44	-	<0.1	-	14	-	115	-	-
TEA5 26	TEA5 26_2.0	2	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 26	TEA5 26_3.0	3	22/04/2021	ES2115147	S2	<5	-	<1	-	12	-	33	-	25	-	<0.1	-	25	-	114	-	-
TEA5 26	TEA5 26_4.0	4	22/04/2021	ES2115147	S2	9	-	<1	-	20	-	149	-	149	-	<0.1	-	21	-	241	-	-
TEA5 26	TEA5 26_4.0	4	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	-
TEA5 27	TEA5 27_2.0	2	21/04/2021	ES2115147	S2	7	-	<1	-	6	-	56	-	32	-	<0.1	-	18	-	96	-	-
TEA5 27	TEA5 27_2.0	2	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 27	TEA5 27_3.0	3	21/04/2021	ES2115147	S2	<5	-	<1	-	11	-	60	-	106	-	<0.1	-	15	-	162	-	-
TEA5 27	TEA5 27_3.0	3	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA5 28	QA35A_140421	4	14/04/2021	788740	S2	13	-	1.7	-	42	-	170	-	280	-	0.6	-	22	-	1,100	-	<0.5
TEA5 28	TEA5 28_2.0	2	14/04/2021	ES2113964	S2	<5	-	<1	-	12	-	104	-	24	-	<0.1	-	17	-	92	-	-
TEA5 28	TEA5 28_2.0	2	14/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 28	TEA5 28_3.0	3	14/04/2021	ES2113964	S2	11	-	<1	-	42	-	44	-	26	-	<0.1	-	41	-	95	-	-
TEA5 28	TEA5 28_3.0	3	14/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	-	-	-
TEA5 29	QA02_NIGHT_130521	5	13/05/2021	ES2117943	S2	14	-	2	-	41	-	146	-	780	-	0.2	-	25	-	778	-	<0.5
TEA5 29	QA02_NIGHT_130521	5	13/05/2021	ES2117943	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 29	QA02A_NIGHT_130521	5	13/05/2021	795915	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
TEA5 29	TEA5 29_4.0	4	13/05/2021	ES2117943	S2	12	-	1	-	40	-	102	-	166	-	0.1	-	11	-	377	-	-
TEA5 29	TEA5 29_4.0	4	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	400	-	-	-	-	-	-	-
TEA5 29	TEA5 29_5.0	5	13/05/2021	ES2117943	S2	10	-	2	-	32	-	100	-	594	-	0.3	-	20	-	814	-	<0.5
TEA5 29	TEA5 29_5.0	5	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	2,400	-	-	-	-	-	-	-
TEA5 30	TEA5 30_3.0	3	23/04/2021	ES2115305	S2	7	-	<1	-	22	-	47	-	65	-	<0.1	-	14	-	95	-	<0.5
TEA5 30	TEA5 30_3.0	3	23/04/2021	ES2115305	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 30	TEA5 30_3.0	3	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 30	TEA5 30_4.0	4	23/04/2021	ES2115305	S2	8	-	<1	-	18	-	50	-	54	-	<0.1	-	20	-	125	-	-
TEA5 32	TEA5 32_2.0	2	23/04/2021	ES2115558	S2	6	-	<1	-	13	-	42	-	37	-	<0.1	-	11	-	92	-	-
TEA5 32	TEA5 32_2.0	2	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_3.0	3	23/04/2021	ES2115558	S2	<5	-	<1	-	3	-	20	-	18	-	<0.1	-	<2	-	14	-	-
TEA5 32	TEA5 32_4.0	4	23/04/2021	ES2115558	S2	<5	-	<1	-	13	-	8	-	281	-	0.1	-	<2	-	31	-	-
TEA5 32	TEA5 32_4.0	4	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	1,000	-	-	-	-	-	-	-
TEA5 33	TEA5 33_3.0	3	26/04/2021	ES2115695	S2	14	-	2	-	517	-	144	-	1,080	-	<0.1	-	25	-	967	-	-
TEA5 33	TEA5 33_3.0	3	26/04/2021	ES2117942	S2	-	-	-	-	-	<100	-	-	-	10,000	-	-	-	-	-	-	-
TEA5 33	TEA5 33_4.0	4	26/04/2021	ES2115695	S2	9	-	<1	-	104	-	70	-	92	-	<0.1	-	17	-	176	-	-
TEA5 33	TEA5 33_4.0	4	26/04/2021	ES2117942	S2	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_5.0	5	26/04/2021	ES2115695	S2	10	-	<1	-	151	-	668	-	253	-	0.2	-	40	-	510	-	-
TEA5 33	TEA5 33_5.0	5	26/04/2021	ES2115695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_5.0	5	26/04/2021	ES2117942	S2	-	-	-	-	-	<100	-	-	-	500	-	-	-	-	-	-	-
TEA5 34	TEA5 34_1.0	1	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_2.0	2	26/04/2021	ES2115695	S2	6	-	<1	-	8	-	40	-	19	-	<0.1	-	28	-	159	-	-
TEA5 34	TEA5 34_2.0	2	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_3.0	3	26/04/2021	ES2115695	S2	7	-	<1	-	8	-	45	-	32	-	<0.1	-	32	-	219	-	-
TEA5 34	TEA5 34_4.0	4	26/04/2021	ES2115695	S2	9	-	<1	-	91	-	82	-	304	-	<0.1	-	39	-	302	-	-
TEA5 34	TEA5 34_4.0	4	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	2,700	-	-	-	-	-	-	-
TEA5 35	TEA5 35_1.0	1	27/04/2021	ES2116067	S2	8	-	<1	-	10	-	65	-	57	-	<0.1	-	10	-	140	-	-
TEA5 35	TEA5 35_1.0	1	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 35	TEA5 35_2.0	2	27/04/2021	ES2116067	S2	7	-	<1	-	11	-	12	-	16	-	<0.1	-	12	-	94	-	-
TEA5 35	TEA5 35_3.0	3	27/04/2021	ES2116067	S2	19	-	23	-	83	-	1,240	-	1,710	-	<0.1	-	76	-	1,230	-	<0.5
TEA5 35	TEA5 35_3.0	3	27/04/2021	ES2117942	S2	-	-	-	180	-	-	-	-	-	4,000	-	-	-	400	-	-	-
TEA5 35	TEA5 35_4.0	4	27/04/2021	ES2116067	S2	6	-	<1	-	8	-	24	-	15	-	<0.1	-	<2	-	12	-	-
TEA5 35	TEA5 35_4.0	4	27/04/2021	ES2116067	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 35	TEA5 35_5.0	5	27/04/2021	ES2116067	S2	10	-	<1	-	11	-	22	-	50	-	0.1	-	6	-	286	-	<0.5
TEA5 35	TEA5 35_6.0	6	27/04/2021	ES2116067	S2	16	-	27	-	33	-	864	-	1,220	-	<0.1	-	87	-	1,260	-	<0.5
TEA5 35	TEA5 35_6.0	6	27/04/2021	ES2117942	S2	-	-	-	310	-	-	-	-	-	21,800	-	-	-	400	-	-	-
TEA10 10	QA11	2	16/03/2021	ES2109379	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	QA11A	2	16/03/2021	781472	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	TEA10 10_2.0	2	16/03/2021	ES2109379	S2	7	-	<1	-	19	-	39	-	113	-	0.2	-	10	-	100	-	-
TEA10 10	TEA10 10_2.0	2	16/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TEA10 13	QA17_190321	1.8	19/03/2021	ES2110034	S2	6	-	<1	-	14	-	56	-	96	-	<0.1	-	32	-	200	-	-
TEA10 13	QA17A_190321	1.8	19/03/2021	784076	S2	8.5	-	<0.4	-	22	-	69	-	80	-	0.1	-	27	-	100	-	-
TEA10 13	QA17A_190321	1.8	19/03/2021	ES2110034	S2	8	-	<1	-	13	-	60	-	89	-	<0.1	-	22	-	94	-	-
TEA10 13	QA17A_190321	1.8	19/03/2021	ES2110034	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_1.8	1.8	19/03/2021	ES2110034	S2	<5	-	<1	-	13	-	65	-	87	-	<0.1	-	42	-	244	-	-
TEA10 13	TEA10 13_1.8	1.8	19/03/2021	ES2110034	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_1.8	1.8	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	-	-	<0.5
TEA10 20	QA07_120321	1	12/03/2021	ES2108912	S2	16	-	<1	-	30	-	20	-	34	-	<0.1	-	6	-	65	-	<0.5
TEA10 20	QA07A_120321	1	11/03/2021	780567	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
TEA10 20	QA08_120321	2	12/03/2021	ES2108912	S2	5	-	<1	-	16	-	55	-	95	-	<0.1	-	24	-	186	-	-
TEA10 20	QA08A_120321	2	11/03/2021	780567	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
TEA10 20	TEA10 20_1.0	1	12/03/2021	ES2108912	S2	<5	-	<1	-	21	-	77	-	149	-	<0.1	-	29	-	1,060	-	-
TEA10 20	TEA10 20_1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TEA10 20	TEA10 20_2.0	2	12/03/2021	ES2108912	S2	7	-	<1	-	16	-	60	-	169	-	<0.1	-	26	-	355	-	<0.5
TEA10 20	TEA10 20_2.0	2	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA10 21	TEA10 21_1.0	1	12/03/2021	ES2108912	S2	<5	-	<1	-	28	-	41	-	53	-	<0.1	-	19	-	63	-	-
TEA10 21	TEA10 21_1.0	1	12/03/2021	ES2108912	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 21	TEA10 21_1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 21	TEA10 21_1.5	1.5	12/03/2021	ES2108912	S2	<5	-	<1	-	30	-	36	-	43	-	<0.1	-	36	-	100	-	-
TEA10 21	TEA10 21_1.5	1.5	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 21	TEA10 21_1.5	1.5	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 22	TEA10 22_1.0	1	12/03/2021	ES2108912	S2	6	-	<1	-	8	-	44	-	117	-	<0.1	-	11	-	124	-	-
TEA10 22	TEA10 22_1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TEA10 22	TEA10 22_2.0	2	12/03/2021	ES2108912	S2	6	-	<1	-	14	-	118	-	292	-	0.2	-	22	-	420	-	-
TEA10 22	TEA10 22_2.0	2	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 23	TEA10 23_1.0	1	26/03/2021	ES2111159	S2	<5	-	<1	-	7	-	17	-	16	-	<0.1	-	8	-	41	-	-
TEA10 23	TEA10 23_2.0	2	26/03/2021	ES2111159	S2	<5	-	<1	-	11	-	34	-	51	-	<0.1	-	12	-	77	-	-
TEA10 23	TEA10 23_2.0	2	26/03/2021	ES2113182	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_1.0	1	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_1.0	1	27/01/2021	ES2102834	S2	<5	-	<1	-	8	-	15	-	20	-	<0.1	-	8	-	33	-	-
TEA10 26	TEA10 26_1.5	1.5	27/01/2021	ES2102834	S2	17	-	<1	-	10	-	49	-	118	-	<0.1	-	21	-	102	-	-
TEA10 26	TEA10 26_1.5	1.5	27/01/2021	ES2102834	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_1.5	1.5	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-
TEA10 26	TEA10 26_2.0	2	27/01/2021	ES2102834	S2	12	-	<1	-	5	-	37	-	70	-	<0.1	-	14	-	58	-	<0.5
TEA10 26	TEA10 26_2.0	2	27/01/2021	ES2102834	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_2.0	2	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TI02 2	TI02 2_2.0	2	8/04/2021	ES2112831	S2	8	-	<1	-	23	-	38	-	204	-	0.2	-	20	-	153	-	-
TI02 2	TI02 2_2.0	2	8/04/2021	ES2112831	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TI02 2	TI02 2_2.0	2	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	500	-	-	-	-	-	-	-
TI02 2	TI02 2_3.0	3	8/04/2021	ES2112831	S2	6	-	<1	-	16	-	36	-	92	-	0.2	-	14	-	124	-	<0.5
TI02 2	TI02 2_4.0	4	8/04/2021	ES2112831	S2	6	-	<1	-	19	-	69	-	113	-	0.2	-	10	-	144	-	-
TI02 2	TI02 2_4.0	4	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-
TI02 2	TI02 2_5.0	5	8/04/2021	ES2112831	S2	<5	-	<1	-	11	-	58	-	115	-	0.1	-	12	-	171	-	-
TI02 2	TI02 2_5.0	5	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TI02 4	QA49_030521	1	3/05/2021	ES2116789	S2	<5	-	<1	-	8	-	19	-	46	-	<0.1	-	6	-	60	-	<0.5
TI02 4	QA49A-030521	1	3/05/2021	793765	S2	4.4	-	<0.4	-	8.9	-	17	-	50	-	0.1	-	5.9	-	61	-	<0.5
TI02 4	TI02 4_0.5	0.5	3/05/2021	ES2116789	S2	<5	-	<1	-	11	-	15	-	20	-	<0.1	-	7	-	27	-	-
TI02 4	TI02 4_0.5	0.5	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TI02 4	TI02 4_1.0	1	3/05/2021	ES2116789	S2	<5	-	<1	-	5	-	13	-	39	-	<0.1	-	4	-	70	-	-
TI02 4	TI02 4_2.0	2	3/05/2021	ES2116789	S2	<5	-	<1	-	4	-	13	-	34	-	<0.1	-	4	-	50	-	<0.5
TI02 4	TI02 4_3.0	3	3/05/2021	ES2116789	S2	16	-	19	-	16	-	65	-	393	-	0.2	-	12	-	190	-	<0.5
TI02 4	TI02 4_3.0	3	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	700	-	-	-	-	-	-	-
TT01 40	TT01 40 1.0	1	12/03/2021	ES2108912	S2	8	-	<1	-	15	-	41	-	59	-	<0.1	-	24	-	77	-	-
TT01 40	TT01 40 1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 40	TT01 40 2.0	2	12/03/2021	ES2108912	S2	<5	-	<1	-	10	-	30	-	120	-	<0.1	-	13	-	46	-	-
TT01 40	TT01 40 2.0	2	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TT01 43	TT01 43_3.0	3	3/05/2021	ES2116789	S2	8	-	1	-	18	-	54	-	137	-	0.1	-	14	-	379	-	-
TT01 49	TT01 49_2.0	2	3/05/2021	ES2116789	S2	11	-	<1	-	10	-	49	-	173	-	0.2	-	8	-	174	-	<0.5
TT01 49	TT01 49_2.0	2	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TT01 49	TT01 49_3.0	3	3/05/2021	ES2116789	S2	<5	-	<1	-	7	-	13	-	58	-	<0.1	-	4	-	82	-	-
TT01 49	TT01 49_4.0	4	3/05/2021	ES2116789	S2	6	-	<1	-	11	-	33	-	121	-	0.2	-	14	-	396	-	-
TT01 49	TT01 49_4.0	4	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TT01 49	TT01 49_5.0	5	3/05/2021	ES2116789	S2	<5	-	<1	-	8	-	89	-	456	-	<0.1	-	15	-	216	-	-
TT01 49	TT01 49_5.0	5	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	1,100	-	-	-	-	-	-	-
TT01 49	TT01 49_5.0	5	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 52	QA16_190321	2	19/03/2021	ES2110034	S2	48	-	<1	-	13	-	43	-	104	-	<0.1	-	27	-	80	-	-
TT01 52	QA16A_190321	2	19/03/2021	782080	S2	240	-	<0.4	-	23	-	27	-	120	-	0.1	-	15	-	72	-	-
TT01 52	TT01 52_1.0	1	19/03/2021	ES2110034	S2	<5	-	<1	-	8	-	13	-	23	-	<0.1	-	4	-	48	-	<0.5
TT01 52	TT01 52_2.0	2	19/03/2021	ES2110034	S2	34	-	<1	-	14	-	46	-	86	-	<0.1	-	25	-	78	-	<0.5
TT01 52	TT01 52_2.0	2	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 54	TT01 54_1.0	1	28/04/2021	ES2116067	S2	8	-	<1	-	8	-	53	-	23	-	<0.1	-	9	-	67	-	-
TT01 54	TT01 54_2.0	2	28/04/2021	ES2116067	S2	8	-	<1	-	6	-	19	-	40	-	0.2	-	3	-	32	-	-

						Metals																Phenols
						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)	Phenol
						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
TT01 54	TT01 54_3.0	3	28/04/2021	ES2116067	S2	7	-	<1	-	15	-	25	-	74	-	0.7	-	7	-	106	-	<0.5
TT01 73	TT01 73_2.0	2	12/05/2021	ES2117739	S2	7	-	<1	-	9	-	45	-	27	-	<0.1	-	31	-	118	-	<0.5
TT01 73	TT01 73_3.0	3	12/05/2021	ES2117739	S2	<5	-	<1	-	6	-	22	-	177	-	<0.1	-	<2	-	169	-	-
TT01 73	TT01 73_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	600	-	-	-	-	-	-	-
TT01 75	QA24A_300321	3	30/03/2021	784941	S2	17	-	0.8	-	26	-	18	-	170	-	0.2	-	6.1	-	210	-	-
TT01 75	TT01 75_2.0	2	30/03/2021	ES2111722	S2	<5	-	<1	-	8	-	34	-	104	-	0.2	-	5	-	120	-	-
TT01 75	TT01 75_2.0	2	30/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-
TT01 75	TT01 75_3.0	3	30/03/2021	ES2111722	S2	<5	-	<1	-	8	-	39	-	296	-	0.3	-	4	-	278	-	-
TT01 75	TT01 75_3.0	3	30/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-
TT01 79	TT01 79_1.0	1	15/03/2021	ES2109145	S2	6	-	<1	-	7	-	19	-	31	-	<0.1	-	7	-	42	-	<0.5
TT01 79	TT01 79_2.0	2	15/03/2021	ES2109145	S2	6	-	<1	-	8	-	18	-	137	-	0.1	-	8	-	92	-	-
TT01 79	TT01 79_2.0	2	15/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	1,300	-	-	-	-	-	-	-
TT01 94	QA14_180321	2	18/03/2021	ES2109922	S2	6	-	<1	-	9	-	24	-	39	-	<0.1	-	16	-	81	-	-
TT01 94	TT01 94_2.0	2	18/03/2021	ES2109922	S2	6	-	<1	-	9	-	32	-	50	-	<0.1	-	20	-	79	-	-
TT02 13	TT02 13_2.0	2	18/05/2021	ES2121094	S2	-	-	-	-	-	-	-	-	-	500	-	-	-	-	-	-	-
TT02 13	TT02 13_3.0	3	18/05/2021	ES2121094	S2	-	-	-	-	-	-	-	-	-	800	-	-	-	-	-	-	-
TT02 14	TT02 14 _1.0	1	9/03/2021	ES2108584	S2	11	-	<1	-	14	-	76	-	225	-	0.2	-	17	-	1,030	-	-
TT02 14	TT02 14_1.0	1	9/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
TT02 14	TT02 14_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TT02 16	TT02 16_3.0	3	3/05/2021	ES2116789	S2	<5	-	<1	-	26	-	10	-	87	-	<0.1	-	3	-	45	-	<0.5
TT01 114	TT01 114_2.0	2	30/03/2021	ES2112167	S2	5	-	<1	-	26	-	44	-	504	-	0.2	-	7	-	175	-	-
TT01 114	TT01 114_3.0	3	30/03/2021	ES2112167	S2	<5	-	<1	-	10	-	12	-	24	-	<0.1	-	8	-	49	-	-
TT01 114	TT01 114_4.0	4	30/03/2021	ES2112167	S2	<5	-	<1	-	10	-	61	-	66	-	<0.1	-	20	-	111	-	<0.5
TT01 117	TT01 117_1.0	1	16/03/2021	ES2109379	S2	<5	-	<1	-	8	-	<5	-	12	-	<0.1	-	3	-	19	-	-
TT01 117	TT01 117_2.0	2	16/03/2021	ES2109379	S2	<5	-	<1	-	7	-	14	-	16	-	<0.1	-	2	-	16	-	<0.5
TT01 143	TT01 143_3.0	3	27/04/2021	ES2115695	S2	12	-	<1	-	12	-	66	-	235	-	0.4	-	12	-	248	-	<0.5
TT01 143	TT01 143_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TT01 143	TT01 143_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 147	QA18_190321	2	19/03/2021	ES2110034	S2	10	-	<1	-	14	-	36	-	84	-	<0.1	-	21	-	147	-	-
TT01 147	QA18A_190321	2	19/03/2021	782080	S2	17	-	0.6	-	21	-	20	-	130	-	<0.1	-	7.9	-	86	-	-
TT01 147	TT01 147_1.0	1	19/03/2021	ES2110034	S2	8	-	<1	-	11	-	58	-	144	-	<0.1	-	15	-	97	-	-
TT01 147	TT01 147_1.0	1	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TT01 147	TT01 147_2.0	2	19/03/2021	ES2110034	S2	10	-	<1	-	13	-	24	-	94	-	<0.1	-	12	-	159	-	-
TT01 147	TT01 147_2.0	2	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_1.0	1	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TT01 152	TT01 152_2.0	2	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TT01 152	TT01 152_3.0	3	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	100	-	-	-	200	-	-	-
TT01 154	TT01 154_2.0	2	30/03/2021	ES2111722	S2	<5	-	<1	-	10	-	7	-	10	-	<0.1	-	10	-	22	-	-
TT01 154	TT01 154_3.0	3	30/03/2021	ES2111722	S2	13	-	18	-	17	-	66	-	475	-	0.2	-	17	-	146	-	-
TT01 154	TT01 154_3.0	3	30/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	1,200	-	-	-	-	-	-	-
TT01 178	TT01 178_0.5	0.5	19/03/2021	ES2110034	S2	7	-	<1	-	24	-	20	-	66	-	0.4	-	5	-	40	-	-
TT01 178	TT01 178_1.0	1	19/03/2021	ES2110034	S2	6	-	<1	-	11	-	112	-	71	-	<0.1	-	54	-	91	-	-
TT01 178	TT01 178_1.0	1	19/03/2021	ES2110034	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 178	TT01 178_2.0	2	19/03/2021	ES2110034	S2	8	-	<1	-	26	-	54	-	134	-	<0.1	-	94	-	115	-	-
TT01 178	TT01 178_2.0	2	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	<100	-	-	-	200	-	-	<0.5
TT01 179	TT01 179_3.0	3	29/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	1,200	-	-	-	-	-	-	-
TT01 181	TT01 181_1.0	1	22/04/2021	ES2115305	S2	10	-	<1	-	32	-	70	-	45	-	<0.1	-	18	-	107	-	-
TT01 181	TT01 181_1.0	1	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_2.0	2	22/04/2021	ES2115305	S2	6	-	<1	-	7	-	40	-	63	-	0.1	-	7	-	54	-	-
TT01 181	TT01 181_2.0	2	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_3.0	3	22/04/2021	ES2115305	S2	10	-	<1	-	13	-	57	-	183	-	0.5	-	14	-	195	-	-
TT01 181	TT01 181_3.0	3	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	1,000	-	-	-	-	-	-	-
TT01 193	TT01 193_2.0	2	31/03/2021	ES2112167	S2	26	-	<1	-	46	-	87	-	369	-	0.2	-	20	-	138	-	-
TT01 193	TT01 193_3.0	3	31/03/2021	ES2112167	S2	5	-	<1	-	20	-	81	-	110	-	<0.1	-	21	-	88	-	<0.5
TT01 193	TT01 193_4.0	4	31/03/2021	ES2112167	S2	6	-	<1	-	24	-	110	-	126	-	<0.1	-	17	-	104	-	-
TT01 193	TT01 193_4.0	4	31/03/2021	ES2112167	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 201	QA36_140421	2	14/04/2021	ES2113964	S2	6	-	<1	-	11	-	46	-	32	-	<0.1	-	14	-	73	-	-
TT01 201	QA36A_140421	2	14/04/2021	ES2113964	S2	7	-	<1	-	8	-	42	-	27	-	<0.1	-	10	-	55	-	-
TT01 201	TT01 201_1.0	1	14/04/2021	ES2113964	S2	6	-	<1	-	7	-	28	-	26	-	<0.1	-	9	-	70	-	-
TT01 201	TT01 201_2.0	2	14/04/2021	ES2113964	S2	<5	-	<1	-	8	-	49	-	31	-	<0.1	-	12	-	69	-	-
TT01 201	TT01 201_3.0	3	14/04/2021	ES2113964	S2	8	-	<1	-	7	-	30	-	22	-	<0.1	-	9	-	45	-	-
TT01 201	TT01 201_4.0	4	14/04/2021	ES2113964	S2	<5	-	<1	-	5	-	26	-	11	-	<0.1	-	11	-	38	-	<0.5
TT01 211	TT01 211_3.0	3	26/04/2021	ES2115695	S2	6	-	3	-	139	-	149	-	493	-	0.1	-	10	-	398	-	<0.5
TT01 211	TT01 211_3.0	3	26/04/2021	ES2115695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 211	TT01 211_3.0	3	26/04/2021	ES2117942	S2	-	-	-	-	-	<100	-	-	-	<100	-	-	-	-	-	-	-
TT01 211	TT01 211_4.0	4	26/04/2021	ES2115695	S2	6	-	<1	-	14	-	40	-	94	-	<0.1	-	4	-	83	-	-
TT01 212	TT01 212_1.0	1	28/04/2021	ES2116067	S2	7	-	<1	-	9	-	13	-	24	-	<0.1	-	<2	-	11	-	<0.5
TT01 212	TT01 212_2.0	2	28/04/2021	ES2116067	S2	<5	-	<1	-	13	-	18	-	24	-	0.2	-	6	-	41	-	<0.5
TT01 212	TT01 212_3.0	3	28/04/2021	ES2116067	S2	<5	-	<1	-	11	-	34	-	76	-	0.1	-	8	-	95	-	-
TT01 212	TT01 212_3.0	3	28/04/2021	ES2116067	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 212	TT01 212_3.0	3	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 212	TT01 212_4.0	4	28/04/2021	ES2116067	S2	10	-	21	-	48	-	331	-	1,880	-	1.2	-	66	-	1,780	-	<0.5
TT01 212	TT01 212_4.0	4	28/04/2021	ES2117942	S2	-	-	-	110	-	-	-	-	-	3,200	-	-	-	600	-	-	-

Statistics

Number of Results	282	14	282	16	282	18	282	12	282	101	282	12	282	32	282	12	99	
Number of Detects	187	1	59	6	281	0	278	3	282	89	109	0	267	16	280	12	3	
Minimum Detect	4	800	0.6	110	3	ND	6	100	5	100	0.1	ND	2	100	10	100	0.7	
Maximum Concentration	837	800	37	560	517	<100	11,000	200	25,300	56,900	1.2	<1	160	3,400	4,310	3,300	2.8	
Standard Deviation *	52	200	4	151	36	0	668	58	1,564	6,181	0.19	0	19	596	450	1,036	0.3	
95% UCL (Student's-t) *	16.99	198.4	2.007	180.5	24.23	50	186.3	109.4	441.6	2,792	0.157	0.5	18.68	456.8	297.4	2,029	0.346	

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

								Organochlorine Pesticides											Organophosphorous		PCBs	Perfluoroalkane		PFAS					Asbestos	
								Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	Asbestos	Asbestos Type
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg		
EQL								0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	50	0.05	0.05	0.2	0.05	0.1	0.0002	0.01	0.0002	0.01	0.0002	0.01	0.005	Y/N	-
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand								45	530				3,600		2,000,000	100	50			7									
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																						50		20							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																															
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																															
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND																															
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																															
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																															
Airport Regulations 1997 - General soil								50		250	250	250	1,000		20			50			50									

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description																										
TEA2 3	TEA2 3_1.0	1	27/01/2021	ES2102834	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 3	TEA2 3_2.0	2	27/01/2021	ES2102834	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	-	-	<0.1	<0.0002	-	<0.0002	-	<0.0001	-	-	No	-
TEA3 1	TEA3 1_1.0	1	28/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA3 1	TEA3 1_2.0	2	28/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA3 1	TEA3 1_3.0	3	28/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0001	-	-	No	-
TEA3 1	TEA3 1_4.0	4	28/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 3	TEA3 3_1.0	1	11/05/2021	ES2117691	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA3 4	TEA3 4_3.0	3	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 5	TEA3 5_1.0	1	20/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA3 5	TEA3 5_2.0	2	20/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 5	TEA3 5_2.0	2	20/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 6	TEA3 6_2.0	2	12/05/2021	ES2117739	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 6	TEA3 6_2.0	2	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 6	TEA3 6_3.0	3	12/05/2021	ES2117739	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 6	TEA3 6_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 6	TEA3 6_4.0	4	12/05/2021	ES2117739	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA3 6	TEA3 6_4.0	4	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 6	TEA3 6_5.0	5	12/05/2021	ES2117739	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 6	TEA3 6_5.0	5	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 7	TEA3 7_3.0	3	19/04/2021	ES2114835	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 7	TEA3 7_3.0	3	19/04/2021	ES2116364	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 7	TEA3 7_4.0	4	19/04/2021	ES2114835	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 8	TEA3 8_3.0	3	28/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 8	TEA3 8_3.0	3	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 8	TEA3 8_4.0	4	28/04/2021	ES2116067	S2	<0.05	0.26	<0.05	<0.05	<0.05	<0.2	<0.05	0.26	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 8	TEA3 8_4.0	4	28/04/2021	ES2116067	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 8	TEA3 8_4.0	4	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 9	QA43_210421	5	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0001	-	-	-	-
TEA3 9	QA43A_210421	5	22/04/2021	790559	S2	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<2	-	<0.5	-	-	-	-	-	-	-	-	-
TEA3 9	QA43A_210421	5	22/04/2021	792468	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	<0.0002	-	<0.0001	-	<0.0002	-	-
TEA3 9	TEA3 9_2.0	2	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 9	TEA3 9_3.0	3	21/04/2021	ES2115147	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 9	TEA3 9_3.0	3	26/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 9	TEA3 9_4.0	4	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	-	-
TEA3 9	TEA3 9_4.0	4	26/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 9	TEA3 9_5.0	5	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0002	-	0.0002	-	-	-	-
TEA3 9	TEA3 9_5.0	5	26/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 3	TEA5 3_1.0	1	7/05/2021	ES2117695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA5 3	TEA5 3_2.0	2	7/05/2021	ES2117695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	-	No	-
TEA5 3	TEA5 3_2.0	2	7/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 4	TEA5 4_1.0	1	7/05/2021	ES2117695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA5 4	TEA5 4_1.0	1	7/05/2021	ES2117695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 4	TEA5 4_1.0	1	7/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_3.0	3	23/04/2021	ES2115305	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA5 8	TEA5 8_3.0	3	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_4.0	4	23/04/2021	ES2115305	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA5 8	TEA5 8_4.0	4	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_5.0	5	23/04/2021	ES2115305	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	-	No	-
TEA5 8	TEA5 8_5.0	5	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_6.0	6	23/04/2021	ES2115305	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA5 9	TEA5 9_2.0	2	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 9	TEA5 9_3.0	3	22/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA5 9	TEA5 9_4.0	4	22/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA6 2	TEA6 2_1.0	1	10/05/2021	ES2118168	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA6 2	TEA6 2_2.0	2	10/05/2021	ES2118168	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	1.2	<0.0002	-	0.0007	-	0.0007	-	-	No	-
TEA6 2	TEA6 2_2.0	2	10/05/2021	ES2118168	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA6 2	TEA6 2_2.0	2	10/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 2	TEA10 2_1.0	1	12/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 2	TEA10 2_2.0	2	12/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 2	TEA10 2_3.0	3	12/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	0.02	-	0.02	-	-	-	-
TEA10 4	TEA10 4_1.0	1	17/03/2021	ES2109922	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0001	-	-	No	-
TEA10 4	TEA10 4_2.0	2	17/03/2021	ES2109922	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0001	-	-	No	-
TEA10 9	TEA10 9_2.0	2	30/03/2021	ES2112167	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA1 15	TEA1 15_2	2	23/06/2021	ES2123456	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0009	-	0.0016	-	-	No	-
TEA1 15	TEA1 15_3	3	23/06/2021	ES2123456	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	Yes	Ch
TEA1 15	TEA1 15_3	3	23/06/2021	ES2123456	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 21	TEA1 21_1.0	1	4/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA1 23	TEA1 23_1.0	1	11/03/2021	ES2108912	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0003	-	0.0003	-	-	No	-
TEA1 23	TEA1 23_1.0	1	11/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 24	TEA1 24_1.0	1	10/03/2021	ES2108584	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA1 24	TEA1 24_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	0.0006	-	0.0006	-	-	-	-	-
TEA1 24	TEA1 24_1.0 - TCLP	1	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 28	TEA1 28_1.0	1	11/03/2021	ES2108912	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA1 28	TEA1 28_1.0	1	11/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	<0.01	<0.0002	<0.01	<0.0002	<0.01	-	-	-	-
TEA1 31	TEA1 31_1.0	1	9/03/2021	ES2108584	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	No	-
TEA1 31	TEA1 31_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	0.0070	-	0.0070	-	-	-	-	-
TEA1 32	TEA1 32_2.0	2	4/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA1 33	TEA1 33_1.0	1	9/03/2021	ES2108584	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	No	-
TEA1 33	TEA1 33_1.0	1	9/03/2021	ES2111289	S2	<0.5	-	-	-	-	<1.0	-	<0.5	-	<0.5	<0.5	-	-	-	-	0.01	-	0.28	-	0.29	-	-	-	-
TEA1 33	TEA1 33_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0003	-	0.0149	-	0.0159	-	-	-	-	-
TEA1 33	TEA1 33_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 34	TEA1 34_1.0	1	10/03/2021	ES2108584	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	No	-
TEA1 34	TEA1 34_1.0 - TCLP	1	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 34	TEA1 34_1.5	1.5	10/03/2021	ES2108584	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	-	-	-	-	-	-	-	-	No	-
TEA1 34	TEA1 34_1.5	1.5	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	<0.0002	-	<0.0003	-	-	-	-	-
TEA1 34	TEA1 34_1.5 - ASLP	1.5	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 34	TEA1 34_1.5 - TCLP	1.5	10/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 36	TEA1 36_0.9	0.9	27/01/2021	ES2102834	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0021	-	0.0021	-	-	No	-
TEA1 36	TEA1 36_0.9	0.9	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 36	TEA1 36_1.9	1.9	27/01/2021	ES2102834	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	0.0005	-	0.0038	-	0.0061	-	-	-	-
TEA1 36	TEA1 36_1.9	1.9	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	-	0.07	-	0.10	-	-	-	-
TEA1 36	TEA1 36_1.9	1.9	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 36	TEA1 36_1.9_1	1.9	27/01/2021	ES2104878	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	Ch
TEA1 36	TEA1 36_1.9_2	1.9	27/01/2021	ES2104878	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	Ch
TEA1 36	TEA1 36_1.9_3	1.9	27/01/2021	ES2104878	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA1 37	TEA1 37_2	2	23/06/2021	ES2123456	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	Yes	Ch
TEA1 37	TEA1 37_3	3	23/06/2021	ES2123456	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	Yes	Ch
TEA1 37	TEA1 37_4.0	4	23/06/2021	ES2123456	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA1 38	TEA1 38_1.0	1	9/03/2021	ES2108584	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA1 38	TEA1 38_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 38	TEA1 38_2.0	2	9/03/2021	ES2108584	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	-	-	-	-	-	-	-	-	No	-
TEA1 38	TEA1 38_2.0	2	9/03/2021	ES2111289	S2	<0.5	-	-	-	-	<1.0	-	<0.5	-	<0.5	<0.5	-	-	-	-	0.12	-	0.67	-	0.79	-	-	-	-
TEA1 38	TEA1 38_2.0	2	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	-	0.0412	-	0.0488	-	-	-	-	-
TEA1 38	TEA1 38_2.0 - ASLP	2	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 38	TEA1 38_2.0 - TCLP	2	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 39	TEA1 39_1.0	1	9/03/2021	ES2108584	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	No	-
TEA1 39	TEA1 39_1.0 - ASLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 39	TEA1 39_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 39	TEA1 39_2.0	2	9/03/2021	ES2108584	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	-	-	-	-	-	-	-	-	No	-
TEA1 39	TEA1 39_2.0	2	9/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	-	1.09	-	1.16	-	-	-	-
TEA1 39	TEA1 39_2.0	2	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0007	-	0.0379	-	0.0394	-	-	-	-	-
TEA1 39	TEA1 39_2.0 - TCLP	2	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 39	TEA39 1 1.0_FRAGMENT1	1	9/03/2021	ES2108584	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	Ch+Am+Cr
TEA1 40	TEA1 40_3.0	3	29/03/2021	ES2111722	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA1 41	TEA1 41_1	1	23/06/2021

						Organochlorine Pesticides											Organophosphorous		PCBs	Perfluoroalkane		PFAS				Asbestos	
						Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	Asbestos	Asbestos Type
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	mg/kg		
TEA1 43	TEA1 43_4.0	4	8/04/2021	ES2112831	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA1 43	TEA1 43_4.0	4	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 43	TEA1 43_5.0	5	8/04/2021	ES2112831	S2	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.1	-	-	-	-	-	-	No	-
TEA1 43	TEA1 43_5.0	5	8/04/2021	ES2112831	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 43	TEA1 43_5.0	5	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 44	QA26A_080421	2	8/04/2021	786879	S2	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-
TEA1 44	QA26B421	2	8/04/2021	ES2112831	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-
TEA1 44	TEA1 44_2.0	2	8/04/2021	ES2112831	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	0.07	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA1 44	TEA1 44_2.0	2	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 44	TEA1 44_3.0	3	8/04/2021	ES2112831	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA1 44	TEA1 44_3.0	3	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 44	TEA1 44_4.0	4	8/04/2021	ES2112831	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	0.0004	-	0.0039	-	0.0063	-	No	-
TEA1 44	TEA1 44_4.0	4	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 45	TEA1 45_2.0	2	29/03/2021	ES2111722	S2	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.1	-	-	-	-	-	-	No	-
TEA1 45	TEA1 45_2.0	2	29/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 45	TEA1 45_3.0	3	29/03/2021	ES2111722	S2	<0.05	0.08	<0.05	<0.05	<0.05	<0.2	<0.05	0.08	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA1 45	TEA1 45_3.0	3	29/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 45	TEA1 45_4.0	4	29/03/2021	ES2111722	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA1 45	TEA1 45_5.0	5	29/03/2021	ES2111722	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA2 24	TEA2 24_2.0	2	16/03/2021	ES2109379	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA2 33	TEA2 33_1.0	1	4/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA2 33	TEA2 33_2.0	2	4/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA2 36	TEA2 36_2.0	2	4/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0004	-	0.0004	-	No	-
TEA2 36	TEA2 36_2.0	2	4/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 37	TEA2 37_2.0	2	26/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA2 38	QA19_250321	2	25/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	-
TEA2 38	TEA2 38_1.0	1	25/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA2 38	TEA2 38_2.0	2	25/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA2 38	TEA2 38_2.0	2	25/03/2021	ES2113182	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 39	TEA2 39_1.0	1	25/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA2 39	TEA2 39_2.0	2	25/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA2 42	TEA2 42_2.0	2	5/05/2021	ES2117097	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA2 43	TEA2 43_2.0	2	25/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA2 44	TEA2 44_1.0	1	25/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA2 44	TEA2 44_2.0	2	25/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA2 44	TEA2 44_2.0	2	25/03/2021	ES2113182	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 45	TEA2 45_2.0	2	15/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA2 47	TEA2 47_1.0	1	15/04/2021	ES2113964	S2	<0.25[#3]	<0.25[#3]	<0.25[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.25[#3]	<250[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.2[#3]	<0.0002	-	0.0007	-	0.0007	-	No	-
TEA2 47	TEA2 47_1.0	1	15/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-	<0.01	-	-	-	-
TEA2 47	TEA2 47_2.0	2	15/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	0.3	-	-	-	-	-	-	No	-
TEA2 47	TEA2 47_2.0	2	15/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 47	TEA2 47_3.0	3	15/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 10	QA46_230421	4	23/04/2021	ES2115558	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	0.0009	-	-	-
TEA3 10	QA46_230421	4	23/04/2021	ES2115558	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	QA46A_230421	4	23/04/2021	791312	S2	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<2	-	<0.5	<0.005	-	<0.005	-	<0.05	-	<0.005	-
TEA3 10	TEA3 10_2.0	2	23/04/2021	ES2115558	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 10	TEA3 10_2.0	2	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	TEA3 10_3.0	3	23/04/2021	ES2115558	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 10	TEA3 10_3.0	3	23/04/2021	ES2115558	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	TEA3 10_3.0	3	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	TEA3 10_4.0	4	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 11	TEA3 11_2.0	2	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 11	TEA3 11_3.0	3	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA3 11	TEA3 11_4.0	4	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 11	TEA3 11_4.0	4	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 12	TEA3 12_1.0	1	13/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	No	-
TEA3 12	TEA3 12_2.0	2	13/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	0.06	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 12	TEA3 12_3.0	3	13/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0008	-	0.0008	-	No	-
TEA3 12	TEA3 12_3.0	3	13/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 13	TEA3 13_2.0	2	27/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 13	TEA3 13_3.0	3	27/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 13	TEA3 13_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 13	TEA3 13_4.0	4	27/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 13	TEA3 13_4.0	4	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 13	TEA3 13_5.0	5	27/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA3 14	TEA3 14_2.0	2	27/01/2021	ES2102834	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0004	-	0.0004	-	Yes	Ch+Am
TEA3 14	TEA3 14_3.0	3	19/04/2021	ES2114835	S2	<0.05	0.08	<0.05	<0.05	<0.05	<0.2	<0.05	0.08	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA3 16	QA01_NIGHT_120521	5	12/05/2021	ES2117739	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	0.1	0.0002	-	0.0039	-	0.0144	-	-	-
TEA3 16	QA01A_NIGHT_120521	5	12/05/2021	795740	S2	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<2	-	<0.1	<0.005	-	0.0081	-	<0.05	-	0.0081	-
TEA3 16	TEA3 16_3.0	3	12/05/2021	ES2117739	S2	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	0.2	-	-	-	-	-	-	No	-
TEA3 16	TEA3 16_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 16	TEA3 16_4.0	4	12/05/2021	ES2117739	S2	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	0.3	-	-	-	-	-	-	No	-
TEA3 16	TEA3 16_4.0	4	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 16	TEA3 16_5.0	5	12/05/2021	ES2117739	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	0.0002	-	0.0045	-	0.0150	-	Yes	Ch+Am
TEA3 16	TEA3 16_5.0	5	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	0.04	-	-	-	-
TEA3 18	TEA3 18_2.0	2	12/05/2021	ES2117739	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 18	TEA3 18_3.0	3	12/05/2021	ES2117739	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	Yes	Ch
TEA3 18	TEA3 18_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 18	TEA3 18_4.0	4	12/05/2021	ES2117739	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 19	TEA3 19_1.0	1	13/05/2021	ES2117943	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 19	TEA3 19_1.0	1	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 19	TEA3 19_2.0	2	13/05/2021	ES2117943	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 19	TEA3 19_3.0	3	13/05/2021	ES2117943	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 19	TEA3 19_4.0	4	13/05/2021	ES2117943	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA3 19	TEA3 19_4.0	4	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 19	TEA3 19_5.0	5	13/05/2021	ES2117943	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 19	TEA3 19_5.0	5	13/05/2021	ES2117943	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 19	TEA3 19_5.0	5	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 21	TEA3 21_2.0	2	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 21	TEA3 21_3.0	3	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 21	TEA3 21_3.0	3	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 21	TEA3 21_4.0	4	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	2.9	-	-	-	-	-	-	No	-
TEA3 21	TEA3 21_4.0	4	21/04/2021	ES2115147	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 21	TEA3 21_4.0	4	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 21	TEA3 21_5.0	5	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	0.2	<0.0002	-	0.0002	-	0.0002	-	No	-
TEA3 21	TEA3 21_5.0	5	21/04/2021	ES2115147	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 21	TEA3 21_5.0	5	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 22	TEA3 22_2.0	2	23/04/2021	ES2115558	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 22	TEA3 22_3.0	3	23/04/2021	ES2115558	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 22	TEA3 22_3.0	3	23/04/2021	ES2115558	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 22	TEA3 22_3.0	3	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 22	TEA3 22_4.0	4	23/04/2021	ES2115558	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	No	-
TEA3 25	TEA3 25_3.0	3	29/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 25	TEA 3 25_3.0	3	29/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 26	QA42_200421	4	20/04/2021	ES2114835	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	-
TEA3 26	QA42A_200421	4	20/04/2021	790137	S2	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<2	-	<0.1	<0.005	-	<0.005	-	<0.05	-	<0.005	-
TEA3 26	TEA3 26_3.0	3	20/04/2021	ES2114835	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 26	TEA3 26_3.0	3	20/04/2021	ES2116364	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 26	TEA3 26_4.0	4	20/04/2021	ES2114835	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	-
TEA3 26	TEA3 26_4.0	4	20/04/2021	ES2116364	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 27	TEA3 27_2.0	2	20/04/2021	ES2114835	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 27	TEA3 27_3.0	3	20/04/2021	ES2114835	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 27	TEA3 27_3.0	3	20/04/2021	ES2114835	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 28	TEA3 28_1.0	1	14/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	No	-
TEA3 28	TEA3 28_2.0	2 - 0	14/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	No	-
TEA3 28	TEA3 28_3.0	3	14/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0002	-	0.0002	-	No	-
TEA3 29	TEA3 29_2.0	2	26/04/2021	ES2115661	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 29	TEA3 29_2.0	2	26/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 29	TEA3 29_3.0	3	26/04/2021	ES2115661	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	No	-
TEA3 29	TEA3 29_4.0	4	26/04/2021	ES2115661	S2	<0.05

						Organochlorine Pesticides											Organophosphorous		PCBs	Perfluoroalkane		PFAS				Asbestos	
						Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS	Sum of PFAS		Sum of PFAS (PFOS + PFOA)	Asbestos	Asbestos Type
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg		
TEA5 26	TEA5 26_2.0	2	22/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 26	TEA5 26_2.0	2	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 26	TEA5 26_3.0	3	22/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 26	TEA5 26_4.0	4	22/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 26	TEA5 26_4.0	4	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 27	TEA5 27_2.0	2	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 27	TEA5 27_2.0	2	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 27	TEA5 27_3.0	3	21/04/2021	ES2115147	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 27	TEA5 27_3.0	3	21/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 28	QA35A_140421	4	14/04/2021	788740	S2	<0.05	<0.05	<0.1	-	-	<0.05	0.14	<0.05	-	<0.05	<0.05	<0.2	-	2.4	<0.005	-	<0.005	-	<0.05	-	<0.005	-	-
TEA5 28	TEA5 28_2.0	2	14/04/2021	ES2113964	S2	<0.25[1]	<0.25[1]	<0.25[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.25[1]	<250[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	No	-
TEA5 28	TEA5 28_2.0	2	14/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 28	TEA5 28_3.0	3	14/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 28	TEA5 28_3.0	3	14/04/2021	ES2115955	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 29	QA02_NIGHT_130521	5	13/05/2021	ES2117943	S2	<0.05	<0.05	0.33	0.14	0.19	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0006	-	0.0012	-	-	-	-
TEA5 29	QA02_NIGHT_130521	5	13/05/2021	ES2117943	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 29	QA02A_NIGHT_130521	5	13/05/2021	795915	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	<0.005	-	<0.05	-	<0.005	-	-
TEA5 29	TEA5 29_4.0	4	13/05/2021	ES2117943	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 29	TEA5 29_4.0	4	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 29	TEA5 29_5.0	5	13/05/2021	ES2117943	S2	<0.05	<0.05	0.25	0.11	0.14	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0010	-	0.0016	-	-	No	-
TEA5 29	TEA5 29_5.0	5	13/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 30	TEA5 30_3.0	3	23/04/2021	ES2115305	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA5 30	TEA5 30_3.0	3	23/04/2021	ES2115305	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 30	TEA5 30_3.0	3	23/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 30	TEA5 30_4.0	4	23/04/2021	ES2115305	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 32	TEA5 32_2.0	2	23/04/2021	ES2115558	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 32	TEA5 32_2.0	2	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 32	TEA5 32_3.0	3	23/04/2021	ES2115558	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 32	TEA5 32_4.0	4	23/04/2021	ES2115558	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 32	TEA5 32_4.0	4	23/04/2021	ES2117299	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_3.0	3	26/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 33	TEA5 33_3.0	3	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_4.0	4	26/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 33	TEA5 33_4.0	4	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_5.0	5	26/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 33	TEA5 33_5.0	5	26/04/2021	ES2115695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 33	TEA5 33_5.0	5	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_1.0	1	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_2.0	2	26/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 34	TEA5 34_2.0	2	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_3.0	3	26/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 34	TEA5 34_4.0	4	26/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 34	TEA5 34_4.0	4	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 35	TEA5 35_1.0	1	27/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 35	TEA5 35_1.0	1	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 35	TEA5 35_2.0	2	27/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 35	TEA5 35_3.0	3	27/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 35	TEA5 35_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 35	TEA5 35_4.0	4	27/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 35	TEA5 35_4.0	4	27/04/2021	ES2116067	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 35	TEA5 35_5.0	5	27/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 35	TEA5 35_6.0	6	27/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA5 35	TEA5 35_6.0	6	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	QA11	2	16/03/2021	ES2109379	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	0.0003	-	0.0003	-	-	-	-
TEA10 10	QA11A	2	16/03/2021	781472	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	<0.005	-	<0.005	-	<0.005	-	-
TEA10 10	TEA10 10_2.0	2	16/03/2021	ES2109379	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0003	-	0.0003	-	-	No	-
TEA10 10	TEA10 10_2.0	2	16/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	QA17_190321	1.8	19/03/2021	ES2110034	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	<0.0002	-	0.0010	-	0.0010	-	-	-	-
TEA10 13	QA17A_190321	1.8	19/03/2021	784076	S2	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	<5	<0.05	<0.05	<5	<0.05	<5	<0.005	-	<0.005	-	<0.05	-	<0.005	-	-
TEA10 13	QA17A_190321	1.8	19/03/2021	ES2110034	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	<0.0002	-	0.0008	-	0.0008	-	-	-	-
TEA10 13	QA17A_190321	1.8	19/03/2021	ES2110034	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_1.8	1.8	19/03/2021	ES2110034	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	-	-	-	-	-	-	-	No	-
TEA10 13	TEA10 13_1.8	1.8	19/03/2021	ES2110034	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_1.8	1.8	19/03/2021	ES2113017	S2	<0.5	<0.5	<0.5	-	-	<1.0	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-
TEA10 20	QA07_120321	1	12/03/2021	ES2108912	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	<0.0002	-	0.0004	-	0.0004	-	-	-	-
TEA10 20	QA07A_120321	1	11/03/2021	780567	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.005	-	<0.005	-	<0.05	-	<0.005	-	-
TEA10 20	QA08_120321	2	12/03/2021	ES2108912	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	0.0002	-	0.0007	-	0.0009	-	-	-	-
TEA10 20	QA08A_120321	2	11/03/2021	780567	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.005	-	<0.005	-	<0.05	-	<0.005	-	-
TEA10 20	TEA10 20_1.0	1	12/03/2021	ES2108912	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	<0.0002	-	0.0005	-	0.0005	-	-	No	-
TEA10 20	TEA10 20_1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 20	TEA10 20_2.0	2	12/03/2021	ES2108912	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	<0.0002	-	0.0006	-	0.0006	-	-	Yes	Ch+Am
TEA10 20	TEA10 20_2.0	2	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 21	TEA10 21_1.0	1	12/03/2021	ES2108912	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<0.2	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<0.2	<0.25[1]	-	-	-	-	-	-	-	-	No	-
TEA10 21	TEA10 21_1.0	1	12/03/2021	ES2108912	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 21	TEA10 21_1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 21	TEA10 21_1.5	1.5	12/03/2021	ES2108912	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<0.2	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<0.2	<0.25[1]	-	-	-	-	-	-	-	-	No	-
TEA10 21	TEA10 21_1.5	1.5	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	<0.01	<0.0002	<0.01	<0.0001	<0.01	-	-	-
TEA10 21	TEA10 21_1.5	1.5	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 22	TEA10 22_1.0	1	12/03/2021	ES2108912	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA10 22	TEA10 22_1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 22	TEA10 22_2.0	2	12/03/2021	ES2108912	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	0.0002	-	0.0014	-	0.0043	-	-	Yes	Ch+Am
TEA10 22	TEA10 22_2.0	2	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 23	TEA10 23_1.0	1	26/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0002	-	0.0002	-	-	No	-
TEA10 23	TEA10 23_2.0	2	26/03/2021	ES2111159	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0006	-	0.0006	-	-	No	-
TEA10 23	TEA10 23_2.0	2	26/03/2021	ES2113182	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_1.0	1	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	<0.01	-	<0.01	-	-	-
TEA10 26	TEA10 26_1.0	1	27/01/2021	ES2102834	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 26	TEA10 26_1.5	1.5	27/01/2021	ES2102834	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_1.5	1.5	27/01/2021	ES2102834	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_1.5	1.5	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_2.0	2	27/01/2021	ES2102834	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_2.0	2	27/01/2021	ES2102834	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_2.0	2	27/01/2021	ES2104068	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 2	TT02 2_2.0	2	8/04/2021	ES2112831	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT02 2	TT02 2_2.0	2	8/04/2021	ES2112831	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 2	TT02 2_2.0	2	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 2	TT02 2_3.0	3	8/04/2021	ES2112831	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	<0.01	0.0012	0.02	0.0014	0.02	-	No	-
TT02 2	TT02 2_4.0	4	8/04/2021	ES2112831	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT02 2	TT02 2_4.0	4	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 2	TT02 2_5.0	5	8/04/2021	ES2112831	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT02 2	TT02 2_5.0	5	8/04/2021	ES2114501	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 4	QA49_030521	1	3/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0005	-	0.0005	-	-	No	-
TT02 4	QA49A-030521	1	3/05/2021	793765	S2	<0.5	<0.5	<1	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<5	-	<0.5	<0.005	-	<0.005	-	<0.05	-	<0.005	-	-
TT02 4	TT02 4_0.5	0.5	3/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT02 4	TT02 4_0.5	0.5	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 4	TT02 4_1.0	1	3/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT02 4	TT02 4_2.0	2	3/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT02 4	TT02 4_3.0	3	3/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0012	-	0.0012	-	-	No	-
TT02 4	TT02 4_3.0	3	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 40	TT01 40 1.0	1	12/03/2021	ES2108912	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	-	-	-	-	-	-	-	No	-
TT01 40	TT01 40 1.0	1	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 40	TT01 40 2.0	2	12/03/2021	ES2108912	S2	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	<0.0002	-	0.0008	-	0.0008	-	-	No	-
TT01 40	TT01 40 2.0	2	12/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 43	TT01 43_3.0	3	3/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	0.2	-	-	-	-	-	-	-	No	-
TT01 49	TT01 49_2.0	2	3/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	Yes	Ch
TT01 49	TT01 49_2.0	2	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 49	TT01 49_3.0	3	3/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 49	TT01 49_4.0	4	3/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 49	TT01 49_4.0	4	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 49	TT01 49_5.0	5	3/05/2021	ES2116789	S2	<0.05	<0.05	0.23	0.07	0.16	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	0.0014	-	0.0061	-	0.0075	-	-	No	-
TT01 49	TT01 49_5.0	5	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	-	0.21	-	0.24	-	-	-
TT01 49	TT01 49_5.0	5	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 52	QA16_190321	2	19/03/2021	ES2110034	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05

						Organochlorine Pesticides											Organophosphorous		PCBs	Perfluoroalkane		PFAS				Asbestos	
						Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS	Sum of PFAS		Sum of PFAS (PFOS + PFOA)	Asbestos	Asbestos Type
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg		
TT01 54	TT01 54_3.0	3	28/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT01 73	TT01 73_2.0	2	12/05/2021	ES2117739	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	0.0009	-	-	No	-
TT01 73	TT01 73_3.0	3	12/05/2021	ES2117739	S2	1.50	1.74	<0.05	<0.05	<0.05	<0.2	<0.05	0.24	<50	<0.05	<0.05	<0.2	<0.05	0.9	-	-	-	-	-	-	-	No	-
TT01 73	TT01 73_3.0	3	12/05/2021	ES2119531	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 75	QA24A_300321	3	30/03/2021	784941	S2	<0.05	0.09	<0.1	-	-	<0.05	<0.05	0.09	-	<0.05	<0.05	<0.2	-	<0.1	-	-	-	-	-	-	-	-	-
TT01 75	TT01 75_2.0	2	30/03/2021	ES2111722	S2	<0.05	0.09	0.07	<0.05	0.07	<0.2	<0.05	0.09	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 75	TT01 75_2.0	2	30/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 75	TT01 75_3.0	3	30/03/2021	ES2111722	S2	<0.05	0.09	<0.05	<0.05	<0.05	<0.2	<0.05	0.09	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0012	-	0.0012	-	-	No	-
TT01 75	TT01 75_3.0	3	30/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 79	TT01 79_1.0	1	15/03/2021	ES2109145	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 79	TT01 79_2.0	2	15/03/2021	ES2109145	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT01 79	TT01 79_2.0	2	15/03/2021	ES2111289	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 94	QA14_180321	2	18/03/2021	ES2109922	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0002	-	0.0002	-	-	-	-
TT01 94	TT01 94_2.0	2	18/03/2021	ES2109922	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT02 13	TT02 13_2.0	2	18/05/2021	ES2121094	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	0.02	0.0013	0.06	0.0013	0.11	-	-	-
TT02 13	TT02 13_3.0	3	18/05/2021	ES2121094	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14 _1.0	1	9/03/2021	ES2108584	S2	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	-	-	-	No	-
TT02 14	TT02 14_1.0	1	9/03/2021	ES2111289	S2	<0.5	-	-	-	-	<1.0	-	<0.5	-	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14_1.0	1	18/03/2021	ES2109617	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0002	-	0.0051	-	0.0069	-	-	-	-
TT02 14	TT02 14_1.0 - TCLP	1	9/03/2021	ES2110368	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 16	TT02 16_3.0	3	3/05/2021	ES2116789	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0004	-	0.0004	-	-	No	-
TT01 114	TT01 114_2.0	2	30/03/2021	ES2112167	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0010	-	0.0010	-	-	No	-
TT01 114	TT01 114_3.0	3	30/03/2021	ES2112167	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT01 114	TT01 114_4.0	4	30/03/2021	ES2112167	S2	<0.05	0.12	<0.05	<0.05	<0.05	<0.2	<0.05	0.12	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 117	TT01 117_1.0	1	16/03/2021	ES2109379	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT01 117	TT01 117_2.0	2	16/03/2021	ES2109379	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT01 143	TT01 143_3.0	3	27/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	0.0002	-	0.0017	-	0.0021	-	-	No	-
TT01 143	TT01 143_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	0.03	-	0.03	-	-	-
TT01 143	TT01 143_3.0	3	27/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 147	QA18_190321	2	19/03/2021	ES2110034	S2	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<0.2	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<0.2	<0.25[#3]	<0.1	<0.0002	-	0.0009	-	0.0013	-	-	-	-
TT01 147	QA18A_190321	2	19/03/2021	782080	S2	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<2	-	<0.5	<0.005	-	<0.005	-	<0.005	-	<0.005	-	-
TT01 147	TT01 147_1.0	1	19/03/2021	ES2110034	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0004	-	0.0004	-	-	No	-
TT01 147	TT01 147_1.0	1	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 147	TT01 147_2.0	2	19/03/2021	ES2110034	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0004	-	0.0004	-	-	No	-
TT01 147	TT01 147_2.0	2	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_1.0	1	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_2.0	2	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_3.0	3	3/05/2021	ES2118682	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 154	TT01 154_2.0	2	30/03/2021	ES2111722	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 154	TT01 154_3.0	3	30/03/2021	ES2111722	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 154	TT01 154_3.0	3	30/03/2021	ES2113179	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 178	TT01 178_0.5	0.5	19/03/2021	ES2110034	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 178	TT01 178_1.0	1	19/03/2021	ES2110034	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0008	-	0.0008	-	-	No	-
TT01 178	TT01 178_1.0	1	19/03/2021	ES2110034	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 178	TT01 178_2.0	2	19/03/2021	ES2110034	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0005	-	0.0005	-	-	No	-
TT01 178	TT01 178_2.0	2	19/03/2021	ES2113017	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 179	TT01 179_3.0	3	29/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_1.0	1	22/04/2021	ES2115305	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 181	TT01 181_1.0	1	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_2.0	2	22/04/2021	ES2115305	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 181	TT01 181_2.0	2	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 181	TT01 181_3.0	3	22/04/2021	ES2115305	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 181	TT01 181_3.0	3	22/04/2021	ES2116856	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 193	TT01 193_2.0	2	31/03/2021	ES2112167	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0005[#3]	-	0.0024	-	0.0024	-	-	No	-
TT01 193	TT01 193_3.0	3	31/03/2021	ES2112167	S2	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.2[#3]	-	-	-	-	-	-	-	No	-
TT01 193	TT01 193_4.0	4	31/03/2021	ES2112167	S2	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.2[#3]	-	-	-	-	-	-	-	No	-
TT01 193	TT01 193_4.0	4	31/03/2021	ES2112167	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 201	QA36_140421	2	14/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	-
TT01 201	QA36A_140421	2	14/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	-
TT01 201	TT01 201_1.0	1	14/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 201	TT01 201_2.0	2	14/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 201	TT01 201_3.0	3	14/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT01 201	TT01 201_4.0	4	14/04/2021	ES2113964	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 211	TT01 211_3.0	3	26/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT01 211	TT01 211_3.0	3	26/04/2021	ES2115695	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 211	TT01 211_3.0	3	26/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 211	TT01 211_4.0	4	26/04/2021	ES2115695	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 212	TT01 212_1.0	1	28/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 212	TT01 212_2.0	2	28/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 212	TT01 212_3.0	3	28/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 212	TT01 212_3.0	3	28/04/2021	ES2116067	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 212	TT01 212_3.0	3	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 212	TT01 212_4.0	4	28/04/2021	ES2116067	S2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT01 212	TT01 212_4.0	4	28/04/2021	ES2117942	S2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Statistics

Number of Results	286	283	282	269	269	286	283	286	269	286	286	274	265	242	122	15	122	15	122	15	15	249	249
Number of Detects	1	8	4	3	4	0	3	8	0	0	1	0	0	12	15	6	61	12	62	12	1	249	249
Minimum Detect	1.5	0.08	0.07	0.07	0.07	ND	0.06	0.08	ND	ND	0.07	ND	ND	0.1	0.0002	0.01	0.0002	0.01	0.0002	0.01	0.0081	0	1
Maximum Concentration	<5	<5	<10	<0.25	<0.25	<5	<5	<5	<250	<5	<5	<50	<0.5	6.3	<0.005	0.12	0.0412	1.09	<0.05	1.16	0.0081	1	1
Standard Deviation *	0.17	0.18	0.3	0.034	0.036	0.19	0.15	0.15	19	0.15	0.15	1.5	0.042	0.48	0.00083	0.03	0.0056	0.31	0.0099	0.34	0.0014	0.18	0
95% UCL (Student's-t) *	0.0716	0.064	0.0801	0.042	0.043	0.174	0.0543	0.0673	33.77	0.0643	0.0644	0.428	0.0447	0.176	0.00058255	0.0325	0.00287	0.309	0.00667	0.343	0.00353	0.0506	1

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

		BTEX				TRH					PAH							
		Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a) pyrene		Benzo(a)pyrene TEQ calc (zero)		Naphthalene		PAHs (Sum of total)	PAHs (Sum of total)
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		0.1	0.1	0.1	0.3	10	50	100	100	50	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand	3	NL	NL	230								40		NL		4,000	
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																		
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil						700	1,000	3,500	10,000									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)		430	99,000	27,000	81,000		20,000	27,000	38,000						11,000			
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND		160																
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND		77																
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)		1,100	120,000	85,000	130,000		62,000	85,000	120,000						29,000			
Airport Regulations 1997 - General soil		1	130	50	25					5,000	5						100	

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description															
TEA2 3	TEA2 3_0.2	0.2	27/01/2021	ES2102834	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,010	720	1,730	26.5	-	38.4	-	0.5	-	255	-
TEA2 3	TEA2 3_0.2	0.2	27/01/2021	ES2102834	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-
TEA2 3	TEA2 3_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 1	TEA3 1_0.2	0.2	28/04/2021	ES2116067	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	370	460	830	2.8	-	3.5	-	<0.5	-	18.9	-
TEA3 1	TEA3 1_0.2	0.2	28/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 4	TEA3 4_1.0	1	21/04/2021	ES2115147	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 8	TEA3 8_0.2	0.2	28/04/2021	ES2116067	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	140	100	240	0.8	-	0.9	-	<0.5	-	4.9	-
TEA5 4	TEA5 4_0.2	0.2	7/05/2021	ES2117695	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	100	250	350	1.2	-	1.6	-	<0.5	-	13.9	-
TEA5 4	TEA5 4_0.2	0.2	7/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 8	TEA5 8_0.2	0.2	23/04/2021	ES2115305	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA5 9	TEA5 9_0.2	0.2	22/04/2021	ES2115147	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	260	320	580	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 9	TEA5 9_0.2	0.2	22/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA6 2	TEA6 2_0.2	0.2	10/05/2021	ES2118168	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	5.2	-
TEA6 2	TEA6 2_0.2	0.2	10/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 2	TEA10 2_0.2	0.2	12/04/2021	ES2113549	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,060	1,150	2,210	14.7	-	19.4	-	<0.5	-	128	-
TEA10 2	TEA10 2_0.2	0.2	12/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 5	QA13_170321	0.2	17/03/2021	ES2109922	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	360	370	730	2.9	-	3.8	-	<0.5	-	26.1	-
TEA10 5	TEA10 5_0.2	0.2	17/03/2021	ES2109922	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	280	240	520	2.4	-	3.0	-	<0.5	-	20.4	-
TEA10 5	TEA10 5_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 5	TEA10 5_0.5	0.5	17/03/2021	ES2109922	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	190	170	360	1.1	-	1.3	-	<0.5	-	9.3	-
TEA10 5	TEA10 5_0.5	0.5	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 5	TEA10 5_1.0	1	17/03/2021	ES2109922	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	0.6	-	0.7	-	<0.5	-	5.3	-
TEA10 6	TEA10 6_0.2	0.2	17/03/2021	ES2109922	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,360	1,050	2,410	14.8	-	20.7	-	<0.5	-	165	-
TEA10 6	TEA10 6_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 7	TEA10 7_0.2	0.2	17/03/2021	ES2109922	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	440	240	680	2.1	-	2.7	-	<0.5	-	17.1	-
TEA10 7	TEA10 7_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 9	TEA10 9_0.2	0.2	30/03/2021	ES2112167	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	150	130	280	0.8	-	1.0	-	<0.5	-	8.1	-
TEA1 14	TEA1 14_0.2	0.2	18/05/2021	ES2118640	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 14	TEA1 14_0.5	0.5	18/05/2021	ES2118640	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 15	TEA1 15_0.2	0.2	23/06/2021	ES2123456	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	330	210	540	2.7	<0.5	3.6	<0.5	<0.5	1.2	34.1	2.3
TEA1 16	TEA1 16_0.2	0.2	10/03/2021	ES2108584	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	2,000	1,840	3,840	12.0	-	15.7	-	<0.5	-	81.8	-
TEA1 16	TEA1 16_0.2 - ASLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 16	TEA1 16_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 17	TEA1 17_0.2	0.2	5/05/2021	ES2117097	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 18	TEA1 18_0.2	0.2	11/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,560	1,330	2,890	11.8	-	16.0	-	<0.5	-	87.2	-
TEA1 18	TEA1 18_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 19	TEA1 19_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 20	TEA1 20_0.2	0.2	11/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,900	1,550	3,450	13.3	-	17.8	-	<0.5	-	101	-
TEA1 20	TEA1 20_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 20	TEA1 20_0.5	0.5	11/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,570	1,490	3,060	13.5	-	17.9	-	<0.5	-	110	-
TEA1 20	TEA1 20_0.5	0.5	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 22	TEA1 22_0.2	0.2	11/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,060	910	1,970	6.9	-	9.2	-	<0.5	-	56.9	-
TEA1 22	TEA1 22_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 23	TEA1 23_0.2	0.2	11/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,840	1,820	3,660	14.0	-	18.3	-	<0.5	-	112	-
TEA1 23	TEA1 23_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 24	TEA1 24_0.2	0.2	10/03/2021	ES2108584	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,230	1,380	2,610	9.5	-	12.2	-	<0.5	-	57.4	-
TEA1 24	TEA1 24_0.2 - ASLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 24	TEA1 24_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 25	TEA1 25_0.2	0.2	18/05/2021	ES2118640	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	3.3	-
TEA1 25	TEA1 25_0.5	0.5	18/05/2021	ES2121094	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA1 28	TEA1 28_0.2	0.2	11/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,490	1,310	2,800	7.9	-	10.1	-	<0.5	-	55.4	-
TEA1 28	TEA1 28_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 29	TEA1 29_0.2	0.2	10/03/2021	ES2108584	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	530	910	1,440	1.9	-	2.3	-	<0.5	-	12.4	-
TEA1 29	TEA1 29_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 30	TEA1 30_0.2	0.2	11/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,300	1,430	2,730	9.2	-	11.7	-	<0.5	-	64.0	-
TEA1 30	TEA1 30_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 32	TEA1 32_0.2	0.2	4/05/2021	ES2116789	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 33	QA03_090321	0.2	9/03/2021	ES2108584	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	750	1,120	1,870	5.3	-	7.2	-	<0.5	-	38.2	-
TEA1 33	QA03A_090321	0.2	9/03/2021	780150	SC	<0.1	<0.1	<0.1	<0.3	<20	<2,500	<5,000	<5,000	<5,000	0.5	-	0.6	-	<0.5	-	2.6	-
TEA1 33	TEA1 33_0.2	0.2	9/03/2021	ES2108584	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	510	730	1,240	7.2	-	9.2	-	<0.5	-	56.9	-
TEA1 33	TEA1 33_0.2 - ASLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 33	TEA1 33_0.2 - TCLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 34	TEA1 34_0.2	0.2	10/03/2021	ES2108584	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	2,090	2,040	4,130	2.7	-	3.2	-	<0.5	-	17.9	-
TEA1 35	TEA1 35_0.2	0.2	10/03/2021	ES2108584	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	730	670	1,400	5.9	-	8.0	-	<0.5	-	38.6	-
TEA1 35	TEA1 35_0.2	0.2	10/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 35	TEA1 35_0.2 - ASLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 35	TEA1 35_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 36	TEA1 36_0.2	0.2	27/01/2021	ES2102834	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	750	840	1,590	5.9	-	7.9	-	<0.5	-	50.9	-
TEA1 36	TEA1 36_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	<0.5
TEA1 37	QA101_230621	0.2	23/06/2021	ES2123456	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 37	QA101A_230621	0.2	23/06/2021	806032	SC	<0.1	<0.1	<0.1	<0.3	<20	<50	<100	<100	<100	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 37	TEA1 37_0.2	0.2	23/06/2021	ES2123456	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
TEA1 38	TEA1 38_0.2	0.2	9/03/2021	ES2108584	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	450	1,140	1,590	1.4	-	1.7	-	<0.5	-	11.0	-
TEA1 38	TEA1 38_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 40	TEA1 40_0.2	0.2	29/03/2021	ES2111722	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	570	700	1,270	3.5	-	4.4	-	<0.5	-	27.7	-
TEA1 40	TEA1 40_0.2	0.2	29/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 41	TEA1 41_0.2	0.2	23/06/2021	ES2123456	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	400	540	940	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	1.6	<0.5
TEA1 42	QA23_290321	0.2	29/03/2021	ES2111722	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,120	910	2,030	9.4	-	13.0	-	<0.5	-	80.2	-
TEA1 42	QA23A_290321	0.2	29/03/2021	784941	SC	<0.1	<0.1	<0.1	<0.3	<20	<2,500	<5,000	<5,000	<5,000	11	-	16	-	<0.5	-	92.9	-
TEA1 42	TEA1 42_0.2	0.2	29/03/2021	ES2111722	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,340	1,220	2,560	10.4	-	13.7	-	<0.5	-	87.0	-
TEA1 42	TEA1 42_0.2	0.2	29/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA1 44	TEA1 44_0.2	0.2	8/04/2021	ES2112831	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA1 45	TEA1 45_0.2	0.2	29/03/2021	ES2111722	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,010	1,140	2,150	3.1	-	4.2	-	<0.5	-	39.3	-
TEA1 45	TEA1 45_0.2	0.2	29/03/2021	ES2111722	SC	-	-	-	-	-	-	-	-	-	9.9	-	13.3	-	-	-	74.0	-
TEA1 45	TEA1 45_0.2	0.2	29/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 24	QA10_160321	0.2	16/03/2021	ES2109379	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,300	1,050	2,350	10.0	-	14.2	-	<0.5	-	83.9	-
TEA2 24	QA10A_160321	0.2	16/03/2021	ES2109379	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,110	710	1,820	9.2	-	12.9	-	<0.5	-	74.1	-
TEA2 24	TEA2 24_0.2	0.2	16/03/2021	ES2109379	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,350	1,350	2,700	8.0	-	10.9	-	<0.5	-	63.1	-
TEA2 24	TEA2 24_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 26	TEA2 26_0.2	0.2	16/03/2021	ES2109379	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,000	600	1,600	17.2	-	23.5	-	<0.5	-	160	-
TEA2 26	TEA2 26_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	3.9
TEA2 26	TEA2 26_0.5	0.5	16/03/2021	ES2109379	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	160	110	270	2.2	-	2.8	-	<0.5	-	19.7	-
TEA2 27	QA09_150321	0.2	15/03/2021	ES2109145	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 27	QA09A_150321	0.2	15/03/2021	781889	SC	<0.1	<0.1	<0.1	<0.3	<20	<50	<100	<100	<100	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 27	TEA2 27_0.2	0.2	15/03/2021	ES2109145	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	320	260	580	2.3	-	3.0	-	<0.5	-	21.0	-
TEA2 27	TEA2 27_0.2	0.2	15/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 30	TEA2 30_0.2	0.2	15/03/2021	ES2109145	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	320	380	700	1.1	-	1.4	-	<0.5	-	8.7	-
TEA2 33	TEA2 33_0.2	0.2	4/05/2021	ES2116789	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 34	QA102_230621	0.2	23/06/2021	ES2123456	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 34	TEA2 34_0.2	0.2	23/06/2021	ES2123456	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
TEA2 35	TEA2 35_0.2	0.2	27/01/2021	ES2102834	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 36	TEA2 36_0.2	0.2	4/05/2021	ES2116789	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 38	QA19A_250321	0.2	25/03/2021	784074	SC	<0.1	<0.1	<0.1	<0.3	<20	<50	<100	<100	<100	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 38	TEA2 38_0.2	0.2	25/03/2021	ES2111159	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	620	500	1,120	5.4	-	7.6	-	<0.5	-	43.5	-
TEA2 38	TEA2 38_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 39	TEA2 39_0.2	0.2	25/03/2021	ES2111159	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	570	340	910	3.6	-	5.2	-	<0.5	-	28.2	-
TEA2 39	TEA2 39_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 40	TEA2 40_0.2	0.2	26/03/2021	ES2111159	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 41	TEA2 41_0.2	0.2	15/03/2021	ES2109145	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	690	470	1,160	5.9	-	8.3	-	<0.5	-	44.4	-
TEA2 41	TEA2 41_0.2	0.2	15/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 43	TEA2 43_0.2	0.2	25/03/2021	ES2111159	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	660	690	1,350	5.3	-	7.4	-	<0.5	-	35.3	-
TEA2 43	TEA2 43_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 43	TEA2 43_0.5	0.5	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 44	TEA2 44_0.2	0.2	25/03/2021	ES2111159	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	190	230	420	1.0	-	1.3	-	<0.5	-	9.5	-
TEA2 44	TEA2 44_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA2 45	TEA2 45_0.2	0.2	15/04/2021	ES2113964	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA2 46	TEA2 46_0.2	0.2	25/03/2021	ES2111159	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,230	1,220	2,450	0.6	-	0.7	-	<0.5	-	2.7	-
TEA2 47	TEA2 47_0.2	0.2	15/04/2021	ES2113964	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,410	1,140	2,550	16.1	-	22.7	-	<0.5	-	147	-
TEA2 47	TEA2 47_0.2	0.2	15/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA3 10	TEA3 10_0.2	0.2	23/04/2021	ES2115558	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	180	<100	180	0.5	-	0.6	-	<0.5	-	2.8	-
TEA3 12	TEA3 12_ 0.2	0.2	13/04/2021	ES2113964	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	280	450	730	0.9	-	1.1	-	<0.5	-	6.8	-
TEA3 12	TEA3 12_ 0.2	0.2	13/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 14	TEA3 14_0.2	0.2	27/01/2021	ES2102834	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	450	430	880	4.7	-	5.9	-	<0.5	-	40.4	-
TEA3 14	TEA3 14_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 14	TEA 3 14_0.2	0.2	19/04/2021	ES2114835	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	160	170	330	0.5	-	0.6	-	<0.5	-	3.0	-
TEA3 14	TEA3 14_0.2	0.2	19/04/2021	ES2116364	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 15	TEA3 15 _0.2	0.2	27/04/2021	ES2116067	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,460	1,070	2,530	18.0	-	24.8	-	<0.5	-	123	-
TEA3 15	TEA 3 15 _0.2	0.2	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 19	TEA3 19_0.2	0.2	13/05/2021	ES2117943	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	220	190	410	1.3	-	1.7	-	<0.5	-	11.6	-
TEA3 19	TEA3 19_0.2	0.2	13/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 19	TEA3 19_0.5	0.5	13/05/2021	ES2117943	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	180	130	310	0.8	-	1.0	-	<0.5	-	7.4	-
TEA3 20	TEA3 20

						BTEX				TRH					PAH							
						Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a) pyrene		Benzo(a)pyrene TEQ calc (zero)		Naphthalene		PAHs (Sum of total)	PAHs (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
TEA5 24	TEA5 24_0.2	0.2	27/04/2021	ES2115695	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	2.1	-
TEA5 24	TEA5 24_0.5	0.5	27/04/2021	ES2115695	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	220	<100	220	5.5	-	8.0	-	<0.5	-	68.2	-
TEA5 24	TEA5 24_0.5	0.5	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 25	TEA5 25_0.2	0.2	13/05/2021	ES2117943	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 27	TEA5 27_0.2	0.2	21/04/2021	ES2115147	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	390	340	730	2.2	-	2.9	-	<0.5	-	23.8	-
TEA5 27	TEA5 27_0.2	0.2	21/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 28	TEA5 28_0.2	0.2	14/04/2021	ES2113964	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	840	1,200	2,040	1.0	-	1.1	-	<0.5	-	4.7	-
TEA5 28	TEA5 28_0.2	0.2	14/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 29	TEA5 29_0.2	0.2	13/05/2021	ES2117943	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	4.1	-
TEA5 30	TEA5 30_0.2	0.2	23/04/2021	ES2115305	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	200	130	330	1.1	-	1.3	-	<0.5	-	9.4	-
TEA5 30	TEA5 30_0.2	0.2	23/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 34	TEA5 34_0.2	0.2	26/04/2021	ES2115695	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	0.8	-	1.0	-	<0.5	-	6.0	-
TEA5 35	TEA5 35_0.2	0.2	27/04/2021	ES2116067	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,080	1,660	2,740	1.8	-	2.3	-	<0.5	-	16.8	-
TEA5 35	TEA5 35_0.2	0.2	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 10	TEA10 10_0.2	0.2	16/03/2021	ES2109379	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,370	1,310	2,680	11.7	-	16.1	-	<0.5	-	124	-
TEA10 10	TEA10 10_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 11	TEA10 11_0.2	0.2	18/03/2021	ES2109922	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	980	1,000	1,980	8.0	-	11.2	-	<0.5	-	65.6	-
TEA10 11	TEA10 11_0.2	0.2	18/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 12	TEA10 12_0.2	0.2	19/03/2021	ES2110034	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	900	860	1,760	7.8	-	10.8	-	<0.5	-	64.5	-
TEA10 12	TEA10 12_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 13	TEA10 13_0.2	0.2	19/03/2021	ES2110034	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,060	1,140	2,200	7.3	-	9.8	-	<0.5	-	52.8	-
TEA10 13	TEA10 13_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 13	TEA10 13_1.0	1	19/03/2021	ES2110034	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	380	360	740	3.4	-	4.4	-	<0.5	-	33.6	-
TEA10 15	TEA10 15_0.2	0.2	17/03/2021	ES2109922	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	200	180	380	1.4	-	1.8	-	<0.5	-	12.8	-
TEA10 15	TEA10 15_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 16	TEA10 16-0.2		26/03/2021	ES2111159	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 18	TEA10 18_0.2	0.2	26/03/2021	ES2111159	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 19	TEA10 19_0.2	0.2	12/04/2021	ES2113549	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,120	1,240	2,360	8.7	-	11.8	-	<0.5	-	68.1	-
TEA10 19	TEA10 19_0.2	0.2	12/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 20	TEA10 20_0.2	0.2	12/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,200	1,060	2,260	10.8	-	13.9	-	<0.5	-	67.8	-
TEA10 20	TEA10 20_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 21	TEA10 21_0.2	0.2	12/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	640	570	1,210	5.1	-	7.0	-	<0.5	-	47.5	-
TEA10 21	TEA10 21_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 22	TEA10 22_0.2	0.2	12/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,460	1,340	2,800	12.6	-	17.1	-	<0.5	-	97.3	-
TEA10 22	TEA10 22_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	2.5
TEA10 26	QA01_270121	0.2	27/01/2021	ES2102834	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	950	1,080	2,030	7.7	-	10.0	-	<0.5	-	53.2	-
TEA10 26	QA01A_270121	0.2	27/01/2021	770617	SC	<0.1	<0.1	<0.1	<0.3	<20	<500	<1,000	<1,000	<1,000	11	-	14	-	<0.5	-	68.9	-
TEA10 26	TEA10 26_0.2	0.2	27/01/2021	ES2102834	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,170	1,090	2,260	8.5	-	11.2	-	<0.5	-	70.1	-
TEA10 26	TEA10 26_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 18	TT01 18_0.2	0.2	11/05/2021	ES2117691	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 40	TT01 40 0.2	0.2	12/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	50	1,450	1,550	3,050	8.1	-	10.7	-	<0.5	-	68.8	-
TT01 40	TT01 40 0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	4.3
TT01 43	TT01 43_0.2	0.2	3/05/2021	ES2116789	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	280	160	440	3.5	-	4.5	-	<0.5	-	33.1	-
TT01 43	TT01 43_0.2	0.2	3/05/2021	ES2118682	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 43	TT01 43_0.5	0.5	3/05/2021	ES2116789	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 49	TT01 49_0.2	0.2	3/05/2021	ES2116789	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	360	140	500	5.0	-	7.1	-	<0.5	-	48.9	-
TT01 49	TT01 49_0.2	0.2	3/05/2021	ES2118682	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 52	TT01 52_0.2	0.2	19/03/2021	ES2110034	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	980	930	1,910	7.4	-	10.0	-	<0.5	-	63.6	-
TT01 52	TT01 52_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 54	TT01 54_0.2	0.2	28/04/2021	ES2116067	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	320	290	610	1.7	-	2.2	-	<0.5	-	13.9	-
TT01 54	TT01 54_0.2	0.2	28/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 63	TT01 63_0.2	0.2	12/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	470	360	830	3.1	-	3.8	-	<0.5	-	22.4	-
TT01 63	TT01 63_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 75	TT01 75_0.2	0.2	30/03/2021	ES2111722	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	230	220	450	2.1	-	2.8	-	<0.5	-	20.3	-
TT01 75	TT01 75_0.2	0.2	30/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	1.2
TT01 94	TT01 94_0.2	0.2	18/03/2021	ES2109922	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	290	200	490	4.1	-	5.8	-	<0.5	-	35.4	-
TT01 94	TT01 94_0.2	0.2	18/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 95	TT01 95_0.2	0.2	24/06/2021	ES2123787	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	210	170	380	2.3	<0.5	3.1	-	<0.5	-	21.0	-
TT02 13	TT02 13_0.2	0.2	18/05/2021	ES2118640	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	220	110	330	2.4	-	3.1	-	<0.5	-	24.5	-
TT02 13	TT02 13_0.2	0.2	18/05/2021	ES2121094	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT02 14	TT02 14_0.2	0.2	9/03/2021	ES2108584	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	550	570	1,120	5.1	-	7.0	-	<0.5	-	40.6	-
TT02 14	TT02 14_0.2 - ASLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT02 14	TT02 14_0.2 - TCLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT02 16	TT02 16_0.2	0.2	3/05/2021	ES2116789	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	1.2	-	1.5	-	<0.5	-	10.7	-
TT01 101	TT01 101_0.2	0.2	10/05/2021	ES2118168	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	660	680	1,340	9.7	-	13.0	-	<0.5	-	87.7	-
TT01 101	TT01 101_0.2	0.2	10/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 109	TT01 109_0.2	0.2	12/03/2021	ES2108912	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,020	780	1,800	7.9	-	10.7	-	<0.5	-	64.0	-
TT01 109	TT01 109_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 114	TT01 114_0.2	0.2	30/03/2021	ES2112167	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	290	200	490	2.0	-	2.6	-	<0.5	-	19.4	-
TT01 117	TT01 117_0.2	0.2	16/03/2021	ES2109379	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,860	1,480	3,340	11.6	-	15.1	-	0.6	-	88.4	-
TT01 117	TT01 117_0.2	0.2	16/03/2021	ES2109379	SC	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	
TT01 117	TT01 117_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 126	TT01 126_0.2	0.2	5/05/2021	ES2117097	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 143	TT01 143_0.2	0.2	27/04/2021	ES2115695	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	210	170	380	2.4	-	3.1	-	<0.5	-	30.2	-
TT01 143	TT01 143_0.2	0.2	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 147	TT01 147_0.2	0.2	19/03/2021	ES2110034	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,320	1,230	2,550	10.3	-	13.3	-	<0.5	-	69.2	-
TT01 147	TT01 147_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 152	TT01 152_0.2	0.2	3/05/2021	ES2116789	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.8	-	1.0	-	<0.5	-	6.4	-
TT01 152	TT01 152_0.5	0.5	3/05/2021	ES2116789	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	300	280	580	2.8	-	3.6	-	<0.5	-	29.7	-
TT01 152	TT01 152_0.5	0.5	3/05/2021	ES2118682	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 154	QA60_070521	0.2	7/05/2021	ES2117737	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 154	TT01 154_0.2	0.2	30/03/2021	ES2111722	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,400	1,200	2,600	12.4	-	16.7	-	<0.5	-	101	-
TT01 154	TT01 154_0.2	0.2	30/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 154	TT01 154_0.2	0.2	7/05/2021	ES2117737	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 154	TT01 154_0.5	0.5	30/03/2021	ES2111722	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	1,140	1,050	2,190	9.7	-	12.9	-	<0.5	-	75.0	-
TT01 154	TT01 154_0.5	0.5	30/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 154	TT01 154_0.5	0.5	7/05/2021	ES2117737	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	230	200	430	3.9	-	5.5	-	<0.5	-	29.8	-
TT01 154	TT01 154_0.5	0.5	7/05/2021	ES2121094	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 170	TT01 170_0.2	0.2	15/03/2021	ES2109145	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	950	760	1,710	8.8	-	12.6	-	<0.5	-	77.5	-
TT01 170	TT01 170_0.2	0.2	15/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	3.0
TT01 178	TT01 178_0.2	0.2	19/03/2021	ES2110034	SC	<0.2	<0.5	<0.5	<0.5	<10	70	1,630	1,510	3,210	8.9	-	11.7	-	<0.5	-	79.7	-
TT01 178	TT01 178_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 179	TT01 179_3.0	3	29/04/2021	ES2116067	SC	<0.2	<0.5	<0.5	<0.5	16	<50	310	<100	310	<0.5	-	<0.5	-	<0.5	-	5.8	-
TT01 181	TT01 181_0.2	0.2	22/04/2021	ES2115305	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	210	130	340	1.1	-	1.4	-	<0.5	-	13.4	-
TT01 181	TT01 181_0.2	0.2	22/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 193	TT01 193_0.2	0.2	31/03/2021	ES2112167	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	300	230	530	2.7	-	3.5	-	<0.5	-	26.9	-
TT01 201	TT01 201_0.2	0.2	14/04/2021	ES2113964	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	400	540	940	2.2	-	2.8	-	<0.5	-	17.3	-
TT01 201	TT01 201_0.2	0.2	14/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 212	TT01 212_0.2	0.2	28/04/2021	ES2116067	SC	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-

Statistics

Number of Results	152	152	152	152	152	152	152	152	152	153	95	153	60	154	60	153	60
Number of Detects	0	0	0	0	1	2	117	107	117	113	0	113	0	2	1	120	6
Minimum Detect	ND	ND	ND	ND	16	50	100	100	100	0.5	ND	0.6	ND	0.5	1.2	1.2	1.2
Maximum Concentration	<0.2	<0.5	<0.5	<0.5	<20	<2,500	<5,000	<5,000	<5,000	45.5	<0.5	64.2	<0.5	<5	1.2	438	4.3
Standard Deviation *	0.011	0.042	0.042	0.021	1.4	141	602	594	1,131	6.3	0	8.7	0	0.19	0.09	58	0.86
95% UCL (Student's-t) *	0.0991	0.246	0.246	0.248	5.486	62.67	706.1	666.9	1,310	5.82	0.25	7.842	0.25	0.302	0.531	50.19	0.697

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#1 Reported Analyte LOR is higher than Requested Analyte LOR
#2 No
#3 -
#4 Ch
#5 No*
#6 Yes

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

	Metals																Phenols
	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)	Phenol
	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
EQL	2	100	0.4	50	2	100	5	100	5	100	0.1	1	2	100	5	100	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand	3,000		900		3,600		240,000		1,500		730		6,000		400,000		240,000
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																	
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																	
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND																	
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																	
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																	
Airport Regulations 1997 - General soil	500		100		500		5,000		1,500		75		3,000		35,000		42,500

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description																
TEA2 3	TEA2 3_0.2	0.2	27/01/2021	ES2102834	SC	6	-	<1	-	17	-	179	-	64	-	<0.1	-	20	-	255	-	-
TEA2 3	TEA2 3_0.2	0.2	27/01/2021	ES2102834	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 3	TEA2 3_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 1	TEA3 1_0.2	0.2	28/04/2021	ES2116067	SC	<5	-	<1	-	25	-	110	-	35	-	0.1	-	32	-	191	-	-
TEA3 1	TEA3 1_0.2	0.2	28/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 4	TEA3 4_1.0	1	21/04/2021	ES2115147	SC	<5	-	<1	-	40	-	8	-	16	-	<0.1	-	11	-	23	-	-
TEA3 8	TEA3 8_0.2	0.2	28/04/2021	ES2116067	SC	<5	-	<1	-	29	-	76	-	30	-	<0.1	-	32	-	118	-	<0.5
TEA5 4	TEA5 4_0.2	0.2	7/05/2021	ES2117695	SC	<5	-	<1	-	57	-	69	-	16	-	<0.1	-	5	-	52	-	-
TEA5 4	TEA5 4_0.2	0.2	7/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_0.2	0.2	23/04/2021	ES2115305	SC	5	-	<1	-	24	-	45	-	42	-	<0.1	-	16	-	76	-	<0.5
TEA5 9	TEA5 9_0.2	0.2	22/04/2021	ES2115147	SC	11	-	<1	-	13	-	149	-	107	-	<0.1	-	14	-	146	-	<0.5
TEA5 9	TEA5 9_0.2	0.2	22/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TEA6 2	TEA6 2_0.2	0.2	10/05/2021	ES2118168	SC	10	-	<1	-	8	-	92	-	277	-	0.6	-	6	-	234	-	<0.5
TEA6 2	TEA6 2_0.2	0.2	10/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	500	-	-	-	-	-	-	-
TEA10 2	TEA10 2_0.2	0.2	12/04/2021	ES2113549	SC	<5	-	<1	-	15	-	94	-	21	-	<0.1	-	22	-	61	-	-
TEA10 2	TEA10 2_0.2	0.2	12/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 5	QA13_170321	0.2	17/03/2021	ES2109922	SC	8	-	<1	-	10	-	44	-	58	-	<0.1	-	6	-	89	-	-
TEA10 5	TEA10 5_0.2	0.2	17/03/2021	ES2109922	SC	7	-	<1	-	10	-	23	-	62	-	0.2	-	6	-	92	-	-
TEA10 5	TEA10 5_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 5	TEA10 5_0.5	0.5	17/03/2021	ES2109922	SC	8	-	<1	-	13	-	36	-	48	-	<0.1	-	10	-	106	-	-
TEA10 5	TEA10 5_0.5	0.5	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 5	TEA10 5_1.0	1	17/03/2021	ES2109922	SC	6	-	<1	-	12	-	21	-	40	-	<0.1	-	6	-	57	-	<0.5
TEA10 6	TEA10 6_0.2	0.2	17/03/2021	ES2109922	SC	<5	-	<1	-	9	-	39	-	21	-	<0.1	-	16	-	35	-	<0.5
TEA10 6	TEA10 6_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 7	TEA10 7_0.2	0.2	17/03/2021	ES2109922	SC	5	-	<1	-	15	-	36	-	35	-	<0.1	-	9	-	54	-	-
TEA10 7	TEA10 7_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 9	TEA10 9_0.2	0.2	30/03/2021	ES2112167	SC	7	-	<1	-	48	-	38	-	48	-	0.1	-	11	-	89	-	<0.5
TEA1 14	TEA1 14_0.2	0.2	18/05/2021	ES2118640	SC	<5	-	<1	-	7	-	<5	-	6	-	<0.1	-	<2	-	8	-	<0.5
TEA1 14	TEA1 14_0.5	0.5	18/05/2021	ES2118640	SC	<5	-	<1	-	10	-	14	-	35	-	<0.1	-	4	-	39	-	<0.5
TEA1 15	TEA1 15_0.2	0.2	23/06/2021	ES2123456	SC	<5	<100	<1	<50	10	<100	43	<100	74	<100	0.1	<1.0	13	<100	451	1,200	<0.5
TEA1 16	TEA1 16_0.2	0.2	10/03/2021	ES2108584	SC	<5	-	<1	-	11	-	64	-	49	-	<0.1	-	20	-	77	-	<0.5
TEA1 16	TEA1 16_0.2 - ASLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 16	TEA1 16_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 17	TEA1 17_0.2	0.2	5/05/2021	ES2117097	SC	<5	-	<1	-	8	-	8	-	25	-	<0.1	-	5	-	31	-	-
TEA1 18	TEA1 18_0.2	0.2	11/03/2021	ES2108912	SC	<5	-	<1	-	14	-	30	-	19	-	<0.1	-	15	-	44	-	-
TEA1 18	TEA1 18_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 19	TEA1 19_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 20	TEA1 20_0.2	0.2	11/03/2021	ES2108912	SC	<5	-	<1	-	9	-	67	-	28	-	<0.1	-	23	-	95	-	-
TEA1 20	TEA1 20_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 20	TEA1 20_0.5	0.5	11/03/2021	ES2108912	SC	<5	-	<1	-	5	-	36	-	15	-	<0.1	-	17	-	31	-	-
TEA1 20	TEA1 20_0.5	0.5	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 22	TEA1 22_0.2	0.2	11/03/2021	ES2108912	SC	<5	-	<1	-	9	-	26	-	19	-	<0.1	-	14	-	32	-	-
TEA1 22	TEA1 22_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 23	TEA1 23_0.2	0.2	11/03/2021	ES2108912	SC	<5	-	<1	-	13	-	51	-	26	-	<0.1	-	26	-	49	-	<0.5
TEA1 23	TEA1 23_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 24	TEA1 24_0.2	0.2	10/03/2021	ES2108584	SC	<5	-	<1	-	11	-	48	-	27	-	<0.1	-	16	-	55	-	-
TEA1 24	TEA1 24_0.2 - ASLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 24	TEA1 24_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 25	TEA1 25_0.2	0.2	18/05/2021	ES2118640	SC	<5	-	<1	-	5	-	<5	-	6	-	<0.1	-	<2	-	7	-	-
TEA1 25	TEA1 25_0.5	0.5	18/05/2021	ES2121094	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 28	TEA1 28_0.2	0.2	11/03/2021	ES2108912	SC	<5	-	<1	-	8	-	32	-	22	-	<0.1	-	13	-	48	-	-
TEA1 28	TEA1 28_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 29	TEA1 29_0.2	0.2	10/03/2021	ES2108584	SC	<5	-	<1	-	10	-	68	-	16	-	<0.1	-	13	-	62	-	-
TEA1 29	TEA1 29_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 30	TEA1 30_0.2	0.2	11/03/2021	ES2108912	SC	<5	-	<1	-	12	-	60	-	24	-	<0.1	-	21	-	45	-	<0.5
TEA1 30	TEA1 30_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 32	TEA1 32_0.2	0.2	4/05/2021	ES2116789	SC	<5	-	<1	-	6	-	7	-	23	-	<0.1	-	<2	-	23	-	-
TEA1 33	QA03_090321	0.2	9/03/2021	ES2108584	SC	<5	-	<1	-	15	-	67	-	21	-	<0.1	-	16	-	50	-	-
TEA1 33	QA03A_090321	0.2	9/03/2021	780150	SC	3.2	-	<0.4	-	26	-	70	-	14	-	<0.1	-	15	-	36	-	-
TEA1 33	TEA1 33_0.2	0.2	9/03/2021	ES2108584	SC	<5	-	<1	-	9	-	36	-	19	-	<0.1	-	10	-	42	-	-
TEA1 33	TEA1 33_0.2 - ASLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 33	TEA1 33_0.2 - TCLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 34	TEA1 34_0.2	0.2	10/03/2021	ES2108584	SC	<5	-	<1	-	11	-	58	-	34	-	<0.1	-	27	-	58	-	-
TEA1 35	TEA1 35_0.2	0.2	10/03/2021	ES2108584	SC	<5	-	<1	-	9	-	33	-	26	-	<0.1	-	14	-	44	-	-
TEA1 35	TEA1 35_0.2	0.2	10/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
TEA1 35	TEA1 35_0.2 - ASLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 35	TEA1 35_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 36	TEA1 36_0.2	0.2	27/01/2021	ES2102834	SC	<5	-	<1	-	9	-	76	-	46	-	<0.1	-	12	-	125	-	-
TEA1 36	TEA1 36_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 37	QA101_230621	0.2	23/06/2021	ES2123456	SC	<5	-	<1	-	11	-	12	-	33	-	<0.1	-	4	-	30	-	-
TEA1 37	QA101A_230621	0.2	23/06/2021	806032	SC	2.1	-	<0.4	-	9.6	-	6.1	-	25	-	<0.1	-	<5	-	34	-	-
TEA1 37	TEA1 37_0.2	0.2	23/06/2021	ES2123456	SC	<5	<100	<1	<50	8	<100	8	<100	22	<100	<0.1	<1.0	3	<100	44	<100	-
TEA1 38	TEA1 38_0.2	0.2	9/03/2021	ES2108584	SC	<5	-	<1	-	8	-	68	-	15	-	<0.1	-	13	-	43	-	-
TEA1 38	TEA1 38_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 40	TEA1 40_0.2	0.2	29/03/2021	ES2111722	SC	<5	-	<1	-	13	-	72	-	19	-	<0.1	-	18	-	59	-	-
TEA1 40	TEA1 40_0.2	0.2	29/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 41	TEA1 41_0.2	0.2	23/06/2021	ES2123456	SC	<5	<100	<1	<50	8	<100	54	<100	21	<100	<0.1	<1.0	16	<100	41	100	-
TEA1 42	QA23_290321	0.2	29/03/2021	ES2111722	SC	<5	-	<1	-	13	-	122	-	26	-	<0.1	-	20	-	62	-	-
TEA1 42	QA23A_290321	0.2	29/03/2021	784941	SC	3.0	-	<0.4	-	29	-	130	-	44	-	<0.1	-	36	-	110	-	-
TEA1 42	TEA1 42_0.2	0.2	29/03/2021	ES2111722	SC	<5	-	<1	-	12	-	88	-	21	-	<0.1	-	17	-	68	-	-
TEA1 42	TEA1 42_0.2	0.2	29/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 44	TEA1 44_0.2	0.2	8/04/2021	ES2112831	SC	<5	-	<1	-	9	-	16	-	54	-	<0.1	-	3	-	62	-	-
TEA1 45	TEA1 45_0.2	0.2	29/03/2021	ES2111722	SC	<5	-	<1	-	18	-	75	-	39	-	<0.1	-	28	-	143	-	<0.5
TEA1 45	TEA1 45_0.2	0.2	29/03/2021	ES2111722	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 45	TEA1 45_0.2	0.2	29/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 24	QA10_160321	0.2	16/03/2021	ES2109379	SC	<5	-	<1	-	11	-	101	-	23	-	<0.1	-	32	-	123	-	-
TEA2 24	QA10A_160321	0.2	16/03/2021	ES2109379	SC	<5	-	<1	-	14	-	140	-	47	-	<0.1	-	32	-	174	-	-
TEA2 24	TEA2 24_0.2	0.2	16/03/2021	ES2109379	SC	<5	-	<1	-	15	-	123	-	31	-	<0.1	-	37	-	151	-	<0.5
TEA2 24	TEA2 24_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 26	TEA2 26_0.2	0.2	16/03/2021	ES2109379	SC	<5	-	<1	-	26	-	130	-	36	-	<0.1	-	27	-	180	-	-
TEA2 26	TEA2 26_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 26	TEA2 26_0.5	0.5	16/03/2021	ES2109379	SC	6	-	<1	-	11	-	36	-	30	-	<0.1	-	9	-	73	-	-
TEA2 27	QA09_150321	0.2	15/03/2021	ES2109145	SC	5	-	<1	-	23	-	16	-	20	-	<0.1	-	28	-	71	-	-
TEA2 27	QA09A_150321	0.2	15/03/2021	781889	SC	5.7	-	<0.4	-	27	-	15	-	20	-	<0.1	-	26	-	71	-	-
TEA2 27	TEA2 27_0.2	0.2	15/03/2021	ES2109145	SC	<5	-	<1	-	56	-	100	-	27	-	<0.1	-	60	-	148	-	<0.5
TEA2 27	TEA2 27_0.2	0.2	15/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	-	-	-
TEA2 30	TEA2 30_0.2	0.2	15/03/2021	ES2109145	SC	<5	-	<1	-	17	-	120	-	31	-	<0.1	-	24	-	162	-	-
TEA2 33	TEA2 33_0.2	0.2	4/05/2021	ES2116789	SC	5	-	<1	-	11	-	15	-	33	-	<0.1	-	4	-	41	-	-
TEA2 34	QA102_230621	0.2	23/06/2021	ES2123456	SC	<5	-	<1	-	6	-	21	-	129	-	<0.1	-	4	-	83	-	-
TEA2 34	TEA2 34_0.2	0.2	23/06/2021	ES2123456	SC	<5	<100	<1	<50	9	<100	24	<100	134	200	<0.1	<1.0	5	<100	106	400	-
TEA2 35	TEA2 35_0.2	0.2	27/01/2021	ES2102834	SC	<5	-	<1	-	4	-	<5	-	14	-	<0.1	-	<2	-	8	-	-
TEA2 36	TEA2 36_0.2	0.2	4/05/2021	ES2116789	SC	<5	-	<1	-	7	-	7	-	24	-	<0.1	-	3	-	27	-	-
TEA2 38	QA19A_250321	0.2	25/03/2021	784074	SC	2.7	-	<0.4	-	9.7	-	8.7	-	14	-	<0.1	-	7.3	-	39	-	-
TEA2 38	TEA2 38_0.2	0.2	25/03/2021	ES2111159	SC	<5	-	<1	-	15	-	36	-	22	-	<0.1	-	14	-	48	-	<0.5
TEA2 38	TEA2 38_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 39	TEA2 39_0.2	0.2	25/03/2021	ES2111159	SC	<5	-	<1	-	12	-	19	-	20	-	<0.1	-	12	-	47	-	-
TEA2 39	TEA2 39_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 40	TEA2 40_0.2	0.2	26/03/2021	ES2111159	SC	<5	-	<1	-	7	-	10	-	33	-	<0.1	-	3	-	36	-	-
TEA2 41	TEA2 41_0.2	0.2	15/03/2021	ES2109145	SC	<5	-	<1	-	33	-	113	-	34	-	<0.1	-	49	-	168	-	-
TEA2 41	TEA2 41_0.2	0.2	15/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	-	-	-
TEA2 43	TEA2 43_0.2	0.2	25/03/2021	ES2111159	SC	<5	-	<1	-	12	-	29	-	33	-	<0.1	-	15	-	87	-	-
TEA2 43	TEA2 43_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 43	TEA2 43_0.5	0.5	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 44	TEA2 44_0.2	0.2	25/03/2021	ES2111159	SC	9	-	<1	-	15	-	24	-	29	-	<0.1	-	9	-	56	-	-
TEA2 44	TEA2 44_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 45	TEA2 45_0.2	0.2	15/04/2021	ES2113964	SC	5	-	<1	-	31	-	16	-	15	-	<0.1	-	28	-	68	-	-
TEA2 46	TEA2 46_0.2	0.2	25/03/2021	ES2111159	SC	<5	-	<1	-	12	-	47	-	27	-	<0.1	-	22	-	44	-	-
TEA2 47	TEA2 47_0.2	0.2	15/04/2021	ES2113964	SC	<5	-	<1	-	16	-	114	-	50	-	<0.1	-	20	-	170	-	-
TEA2 47	TEA2 47_0.2	0.2	15/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 10	TEA3 10_0.2	0.2	23/04/2021	ES2115558	SC	<5	-	<1	-	10	-	60	-	27	-	<0.1	-	10	-	66	-	-
TEA3 12	TEA3 12_ 0.2	0.2	13/04/2021	ES2113964	SC	<5	-	<1	-	21	-	102	-	24	-	<0.1	-	25	-	168	-	-
TEA3 12	TEA3 12_ 0.2	0.2	13/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 14	TEA3 14_0.2	0.2	27/01/2021	ES2102834	SC	5	-	<1	-	17	-	112	-	61	-	<0.1	-	32	-	223	-	-
TEA3 14	TEA3 14_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 14	TEA 3 14_0.2	0.2	19/04/2021	ES2114835	SC	<5	-	<1	-	55	-	61	-	28	-	<0.1	-	61	-	142	-	-
TEA3 14	TEA3 14_0.2	0.2	19/04/2021	ES2116364	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	-	-	-
TEA3 15	TEA3 15 _0.2	0.2	27/04/2021	ES2116067	SC	<5	-	<1	-	9	-	38	-	70	-	<0.1	-	8	-	54	-	-
TEA3 15	TEA 3 15 _0.2	0.2	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 19	TEA3 19_0.2	0.2	13/05/2021	ES2117943	SC	<5	-	<1	-	32	-	55	-	35	-	<0.1	-	33	-	149	-	-
TEA3 19	TEA3 19_0.2	0.2	13/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 19	TEA3 19_0.5	0.5	13/05/2021	ES2117943	SC	5	-	<1	-	30	-	50	-	28	-	<0.1	-	31	-	80	-	-
TEA3 20	TEA3 20_0.2	0.2	26/04/2021	ES2115695	SC	13	-	<1	-	121	-	92	-	188	-	<0.1	-	24	-	827	-	<0.5
TEA3 20	TEA3 20_0.2	0.2	26/04/2021	ES2117942	SC	-	-	-	-	-	<100	-	-	-	<100	-	-	-	-	-	-	-
TEA3 20	TEA3 20_0.5	0.5	26/04/2021	ES2115695	SC	8	-	<1	-	149	-	111	-	100	-	<0.1	-	52	-	657	-	-
TEA3 20	TEA3 20_0.5	0.5	26/04/2021	ES2117942	SC	-	-	-	-	-	<100	-	-	-	<100	-	-	-	<100	-	-	-
TEA3 20	TEA3 20_2.0	2	26/04/2021	ES2115695	SC	11	-	<1	-	129	-	74	-	200	-	<0.1	-	20	-	813	-	-
TEA3 20	TEA3 20_2.0	2	26/04/2021	ES2117942	SC	-	-	-	-	-	<100	-	-	-	100	-	-	-	-	-	-	-
TEA3 22	TEA3 22_FRAG_0.0	0	23/04/2021	ES2115558	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 23	TEA3 23_0.2	0.2	27/04/2021	ES2115695	SC	10	-	<1	-	40	-	131	-	115	-	<0.1	-	25	-	920	-	<0.5
TEA3 25	TEA3 25_0.2	0.2	29/04/2021	ES2116067	SC	<5	-	<1	-	25	-	107	-	43	-	<0.1	-	22	-	228	-	-
TEA3 27	TEA3 27_Frag_0.0	0	20/04/2021	ES2114835	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 28	TEA3 28_0.2	0.2	14/04/2021	ES2113964	SC	<5	-	<1	-	15	-	135	-	42	-	<0.1	-	25	-	126	-	-
TEA3 28	TEA3 28_0.2	0.2	14/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 15	TEA5 15_0.2	0.2	11/05/2021	ES2117691	SC	27	-	<1	-	12	-	244	-	132	-	<0.1	-	15	-	153	-	<0.5
TEA5 15	TEA5 15_0.2	0.2	11/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-
TEA5 16	TEA5 16_0.2	0.2	14/04/2021	ES2113964	SC	<5	-	<1	-	19	-	76	-	18	-	<0.1	-	40	-	137	-	<0.5
TEA5 16	TEA5 16_0.2	0.2	14/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 17	TEA5 17_0.2	0.2	14/04/2021	ES2113964	SC	<5	-	<1	-	13	-	80	-	33	-	<0.1	-	20	-	87	-	<4.0[P4]
TEA5 17	TEA5 17_0.2	0.2	14/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	QA23-270421	0.2	27/04/2021	ES2115695	SC	<5	-	<1	-	3	-	74	-	30	-	<0.1	-	9	-	34	-	-
TEA5 19	QA23-270421	0.2	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	QA23A270421	0.2	27/04/2021	791719	SC	<2	-	<0.4	-	5.5	-	46	-	20	-	<0.1	-	11	-	29	-	-
TEA5 19	TEA5 19_0.2	0.2	27/04/2021	ES2115695	SC	<5	-	<1	-	5	-	52	-	31	-	<0.1	-	14	-	32	-	-
TEA5 19	TEA5 19_0.2	0.2	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 19	TEA5 19_0.5	0.5	27/04/2021	ES2115695	SC	6	-	6	-	13	-	159	-	372	-	0.2	-	25	-	645	-	-
TEA5 19	TEA5 19_0.5	0.5	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	1,000	-	-	-	-	-	-	-

						Metals																Phenols
						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)	Phenol
						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
TEA5 24	TEA5 24_0.2	0.2	27/04/2021	ES2115695	SC	5	-	<1	-	6	-	31	-	55	-	0.2	-	13	-	95	-	<0.5
TEA5 24	TEA5 24_0.5	0.5	27/04/2021	ES2115695	SC	6	-	<1	-	10	-	78	-	144	-	0.4	-	17	-	199	-	-
TEA5 24	TEA5 24_0.5	0.5	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TEA5 25	TEA5 25_0.2	0.2	13/05/2021	ES2117943	SC	6	-	<1	-	8	-	48	-	35	-	<0.1	-	14	-	90	-	<0.5
TEA5 27	TEA5 27_0.2	0.2	21/04/2021	ES2115147	SC	6	-	<1	-	27	-	114	-	47	-	<0.1	-	20	-	111	-	-
TEA5 27	TEA5 27_0.2	0.2	21/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 28	TEA5 28_0.2	0.2	14/04/2021	ES2113964	SC	<5	-	<1	-	9	-	100	-	7	-	<0.1	-	9	-	71	-	-
TEA5 28	TEA5 28_0.2	0.2	14/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 29	TEA5 29_0.2	0.2	13/05/2021	ES2117943	SC	5	-	<1	-	12	-	22	-	63	-	<0.1	-	10	-	47	-	-
TEA5 30	TEA5 30_0.2	0.2	23/04/2021	ES2115305	SC	8	-	<1	-	15	-	44	-	67	-	<0.1	-	15	-	115	-	<0.5
TEA5 30	TEA5 30_0.2	0.2	23/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_0.2	0.2	26/04/2021	ES2115695	SC	<5	-	<1	-	14	-	75	-	88	-	<0.1	-	4	-	119	-	<0.5
TEA5 35	TEA5 35_0.2	0.2	27/04/2021	ES2116067	SC	7	-	<1	-	24	-	79	-	30	-	<0.1	-	16	-	74	-	-
TEA5 35	TEA5 35_0.2	0.2	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	TEA10 10_0.2	0.2	16/03/2021	ES2109379	SC	<5	-	<1	-	11	-	45	-	40	-	<0.1	-	17	-	51	-	-
TEA10 10	TEA10 10_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 11	TEA10 11_0.2	0.2	18/03/2021	ES2109922	SC	<5	-	<1	-	7	-	65	-	11	-	<0.1	-	14	-	47	-	<0.5
TEA10 11	TEA10 11_0.2	0.2	18/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 12	TEA10 12_0.2	0.2	19/03/2021	ES2110034	SC	<5	-	<1	-	13	-	45	-	28	-	<0.1	-	29	-	47	-	<0.5
TEA10 12	TEA10 12_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_0.2	0.2	19/03/2021	ES2110034	SC	<5	-	<1	-	15	-	64	-	33	-	<0.1	-	19	-	87	-	-
TEA10 13	TEA10 13_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_1.0	1	19/03/2021	ES2110034	SC	8	-	<1	-	14	-	40	-	69	-	<0.1	-	19	-	88	-	-
TEA10 15	TEA10 15_0.2	0.2	17/03/2021	ES2109922	SC	<5	-	<1	-	16	-	45	-	56	-	<0.1	-	9	-	199	-	-
TEA10 15	TEA10 15_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 16	TEA10 16-0.2		26/03/2021	ES2111159	SC	<5	-	<1	-	8	-	8	-	16	-	<0.1	-	2	-	20	-	-
TEA10 18	TEA10 18_0.2	0.2	26/03/2021	ES2111159	SC	<5	-	<1	-	6	-	6	-	21	-	<0.1	-	2	-	25	-	-
TEA10 19	TEA10 19_0.2	0.2	12/04/2021	ES2113549	SC	<5	-	<1	-	16	-	97	-	26	-	<0.1	-	23	-	74	-	-
TEA10 19	TEA10 19_0.2	0.2	12/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 20	TEA10 20_0.2	0.2	12/03/2021	ES2108912	SC	<5	-	<1	-	9	-	83	-	22	-	<0.1	-	19	-	48	-	<0.5
TEA10 20	TEA10 20_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 21	TEA10 21_0.2	0.2	12/03/2021	ES2108912	SC	<5	-	<1	-	9	-	48	-	24	-	<0.1	-	14	-	36	-	-
TEA10 21	TEA10 21_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 22	TEA10 22_0.2	0.2	12/03/2021	ES2108912	SC	<5	-	<1	-	9	-	90	-	25	-	<0.1	-	24	-	42	-	-
TEA10 22	TEA10 22_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	QA01_270121	0.2	27/01/2021	ES2102834	SC	<5	-	<1	-	10	-	68	-	27	-	<0.1	-	25	-	74	-	-
TEA10 26	QA01A_270121	0.2	27/01/2021	770617	SC	2.5	-	<0.4	-	14	-	79	-	39	-	<0.1	-	22	-	79	-	-
TEA10 26	TEA10 26_0.2	0.2	27/01/2021	ES2102834	SC	<5	-	<1	-	9	-	52	-	26	-	<0.1	-	20	-	48	-	-
TEA10 26	TEA10 26_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 18	TT01 18_0.2	0.2	11/05/2021	ES2117691	SC	6	-	<1	-	6	-	36	-	47	-	<0.1	-	6	-	74	-	-
TT01 40	TT01 40 0.2	0.2	12/03/2021	ES2108912	SC	<5	-	<1	-	9	-	67	-	24	-	<0.1	-	23	-	72	-	-
TT01 40	TT01 40 0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 43	TT01 43_0.2	0.2	3/05/2021	ES2116789	SC	<5	-	<1	-	12	-	26	-	105	-	0.1	-	9	-	102	-	-
TT01 43	TT01 43_0.2	0.2	3/05/2021	ES2118682	SC	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-
TT01 43	TT01 43_0.5	0.5	3/05/2021	ES2116789	SC	<5	-	<1	-	9	-	6	-	12	-	<0.1	-	3	-	17	-	-
TT01 49	TT01 49_0.2	0.2	3/05/2021	ES2116789	SC	6	-	<1	-	13	-	53	-	197	-	0.2	-	13	-	154	-	<0.5
TT01 49	TT01 49_0.2	0.2	3/05/2021	ES2118682	SC	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TT01 52	TT01 52_0.2	0.2	19/03/2021	ES2110034	SC	<5	-	<1	-	22	-	49	-	48	-	<0.1	-	16	-	60	-	<0.5
TT01 52	TT01 52_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 54	TT01 54_0.2	0.2	28/04/2021	ES2116067	SC	<5	-	<1	-	24	-	88	-	32	-	<0.1	-	21	-	130	-	-
TT01 54	TT01 54_0.2	0.2	28/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 63	TT01 63_0.2	0.2	12/03/2021	ES2108912	SC	<5	-	<1	-	10	-	28	-	20	-	<0.1	-	14	-	37	-	-
TT01 63	TT01 63_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 75	TT01 75_0.2	0.2	30/03/2021	ES2111722	SC	22	-	<1	-	24	-	56	-	67	-	<0.1	-	15	-	92	-	<0.5
TT01 75	TT01 75_0.2	0.2	30/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 94	TT01 94_0.2	0.2	18/03/2021	ES2109922	SC	6	-	<1	-	32	-	53	-	43	-	<0.1	-	33	-	67	-	-
TT01 94	TT01 94_0.2	0.2	18/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 95	TT01 95_0.2	0.2	24/06/2021	ES2123787	SC	5	<100	<1	<50	11	<100	43	<100	102	<100	0.1	<1.0	10	<100	141	400	-
TT02 13	TT02 13_0.2	0.2	18/05/2021	ES2118640	SC	7	-	<1	-	12	-	34	-	163	-	0.2	-	12	-	139	-	<0.5
TT02 13	TT02 13_0.2	0.2	18/05/2021	ES2121094	SC	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TT02 14	TT02 14_0.2	0.2	9/03/2021	ES2108584	SC	<5	-	<1	-	23	-	102	-	24	-	<0.1	-	16	-	68	-	-
TT02 14	TT02 14_0.2 - ASLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14_0.2 - TCLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 16	TT02 16_0.2	0.2	3/05/2021	ES2116789	SC	<5	-	<1	-	7	-	9	-	27	-	<0.1	-	<2	-	31	-	-
TT01 101	TT01 101_0.2	0.2	10/05/2021	ES2118168	SC	<5	-	<1	-	8	-	72	-	23	-	<0.1	-	36	-	60	-	-
TT01 101	TT01 101_0.2	0.2	10/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 109	TT01 109_0.2	0.2	12/03/2021	ES2108912	SC	<5	-	<1	-	9	-	36	-	28	-	<0.1	-	17	-	39	-	-
TT01 109	TT01 109_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 114	TT01 114_0.2	0.2	30/03/2021	ES2112167	SC	<5	-	<1	-	10	-	21	-	61	-	<0.1	-	7	-	179	-	-
TT01 117	TT01 117_0.2	0.2	16/03/2021	ES2109379	SC	<5	-	<1	-	10	-	25	-	21	-	<0.1	-	14	-	37	-	-
TT01 117	TT01 117_0.2	0.2	16/03/2021	ES2109379	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 117	TT01 117_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
TT01 126	TT01 126_0.2	0.2	5/05/2021	ES2117097	SC	<5	-	<1	-	8	-	8	-	24	-	<0.1	-	2	-	27	-	-
TT01 143	TT01 143_0.2	0.2	27/04/2021	ES2115695	SC	5	-	<1	-	23	-	50	-	47	-	<0.1	-	23	-	82	-	-
TT01 143	TT01 143_0.2	0.2	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 147	TT01 147_0.2	0.2	19/03/2021	ES2110034	SC	<5	-	<1	-	9	-	46	-	21	-	<0.1	-	23	-	36	-	-
TT01 147	TT01 147_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_0.2	0.2	3/05/2021	ES2116789	SC	<5	-	<1	-	13	-	16	-	36	-	<0.1	-	7	-	53	-	<0.5
TT01 152	TT01 152_0.5	0.5	3/05/2021	ES2116789	SC	<5	-	<1	-	13	-	66	-	75	-	<0.1	-	11	-	190	-	-
TT01 152	TT01 152_0.5	0.5	3/05/2021	ES2118682	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 154	QA60_070521	0.2	7/05/2021	ES2117737	SC	<3	-	<1	-	15	-	27	-	17	-	<0.1	-	18	-	46	-	<0.5
TT01 154	TT01 154_0.2	0.2	30/03/2021	ES2111722	SC	<5	-	<1	-	11	-	66	-	27	-	<0.1	-	20	-	55	-	-
TT01 154	TT01 154_0.2	0.2	30/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 154	TT01 154_0.2	0.2	7/05/2021	ES2117737	SC	<3	-	<1	-	14	-	31	-	22	-	<0.1	-	17	-	57	-	-
TT01 154	TT01 154_0.5	0.5	30/03/2021	ES2111722	SC	<5	-	<1	-	18	-	28	-	46	-	<0.1	-	16	-	49	-	<0.5
TT01 154	TT01 154_0.5	0.5	30/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 154	TT01 154_0.5	0.5	7/05/2021	ES2117737	SC	12	-	<1	-	14	-	88	-	225	-	0.3	-	15	-	158	-	-
TT01 154	TT01 154_0.5	0.5	7/05/2021	ES2121094	SC	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-
TT01 170	TT01 170_0.2	0.2	15/03/2021	ES2109145	SC	<5	-	<1	-	14	-	168	-	32	-	<0.1	-	18	-	205	-	-
TT01 170	TT01 170_0.2	0.2	15/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 178	TT01 178_0.2	0.2	19/03/2021	ES2110034	SC	<5	-	<1	-	14	-	61	-	34	-	<0.1	-	27	-	44	-	<0.5
TT01 178	TT01 178_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 179	TT01 179_3.0	3	29/04/2021	ES2116067	SC	8	-	2	-	44	-	68	-	453	-	0.2	-	25	-	2,700	-	<0.5
TT01 181	TT01 181_0.2	0.2	22/04/2021	ES2115305	SC	15	-	<1	-	30	-	108	-	64	-	<0.1	-	19	-	148	-	<0.5
TT01 181	TT01 181_0.2	0.2	22/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 193	TT01 193_0.2	0.2	31/03/2021	ES2112167	SC	8	-	<1	-	12	-	33	-	32	-	<0.1	-	11	-	56	-	<0.5
TT01 201	TT01 201_0.2	0.2	14/04/2021	ES2113964	SC	<5	-	<1	-	14	-	76	-	27	-	<0.1	-	14	-	74	-	-
TT01 201	TT01 201_0.2	0.2	14/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 212	TT01 212_0.2	0.2	28/04/2021	ES2116067	SC	7	-	<1	-	10	-	21	-	43	-	0.2	-	5	-	37	-	<0.5

Statistics

Number of Results	152	5	152	5	152	8	152	5	152	17	152	5	152	9	152	5	43
Number of Detects	49	0	2	0	152	0	149	0	152	10	15	0	146	0	152	4	0
Minimum Detect	2.1	ND	2	ND	3	ND	6	ND	6	100	0.1	ND	2	ND	7	100	ND
Maximum Concentration	27	<100	6	<50	149	<100	244	<100	453	1,000	0.6	<1	61	<100	2,700	1,200	<4
Standard Deviation *	3.4	0	0.47	0	19	0	41	0	60	240	0.064	0	11	0	252	460	0.27
95% UCL (Student's-t) *	4.547	50	0.595	25	20.03	50	64.25	50	57.75	281	0.0747	0.5	18.35	50	158.7	869	0.359

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#1 Reported Analyte LOR is higher than Requested Analyte LOR
#2 No
#3 -
#4 Ch
#5 No*
#6 Yes

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

		Organochlorine Pesticides											Organophosphorous Pesticides		PCBs	Perfluoroalkane Carboxylic Acids	PFAS			Asbestos	
		Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	Asbestos fibres	Asbestos Type
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/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	50	0.05	0.05	0.2	0.05	0.1	0.0002	0.0002	0.0002	0.005	0.1	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand		45	530				3,600		2,000,000	100	50			7						
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																50	20				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																					
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND																					
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																					
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																					
Airport Regulations 1997 - General soil		50		250	250	250	1,000		20			50			50						

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description																				
TEA2 3	TEA2 3_0.2	0.2	27/01/2021	ES2102834	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	-	-	-	-	-	-	-	No	-
TEA2 3	TEA2 3_0.2	0.2	27/01/2021	ES2102834	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 3	TEA2 3_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 1	TEA3 1_0.2	0.2	28/04/2021	ES2116067	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	No	-
TEA3 1	TEA3 1_0.2	0.2	28/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 4	TEA3 4_1.0	1	21/04/2021	ES2115147	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	No	-
TEA3 8	TEA3 8_0.2	0.2	28/04/2021	ES2116067	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 4	TEA5 4_0.2	0.2	7/05/2021	ES2117695	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 4	TEA5 4_0.2	0.2	7/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_0.2	0.2	23/04/2021	ES2115305	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 9	TEA5 9_0.2	0.2	22/04/2021	ES2115147	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 9	TEA5 9_0.2	0.2	22/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA6 2	TEA6 2_0.2	0.2	10/05/2021	ES2118168	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA6 2	TEA6 2_0.2	0.2	10/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 2	TEA10 2_0.2	0.2	12/04/2021	ES2113549	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA10 2	TEA10 2_0.2	0.2	12/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 5	QA13_170321	0.2	17/03/2021	ES2109922	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.1	<0.0002	0.0002	0.0002	-	-	-	-	-
TEA10 5	TEA10 5_0.2	0.2	17/03/2021	ES2109922	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.1	<0.0002	0.0003	0.0003	-	No	-		
TEA10 5	TEA10 5_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 5	TEA10 5_0.5	0.5	17/03/2021	ES2109922	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.1	-	-	-	-	No	-		
TEA10 5	TEA10 5_0.5	0.5	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 5	TEA10 5_1.0	1	17/03/2021	ES2109922	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	0.0003	0.0003	-	No	-
TEA10 6	TEA10 6_0.2	0.2	17/03/2021	ES2109922	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA10 6	TEA10 6_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 7	TEA10 7_0.2	0.2	17/03/2021	ES2109922	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA10 7	TEA10 7_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 9	TEA10 9_0.2	0.2	30/03/2021	ES2112167	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA1 14	TEA1 14_0.2	0.2	18/05/2021	ES2118640	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA1 14	TEA1 14_0.5	0.5	18/05/2021	ES2118640	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA1 15	TEA1 15_0.2	0.2	23/06/2021	ES2123456	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA1 16	TEA1 16_0.2	0.2	10/03/2021	ES2108584	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 16	TEA1 16_0.2 - ASLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 16	TEA1 16_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 17	TEA1 17_0.2	0.2	5/05/2021	ES2117097	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA1 18	TEA1 18_0.2	0.2	11/03/2021	ES2108912	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 18	TEA1 18_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 19	TEA1 19_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 20	TEA1 20_0.2	0.2	11/03/2021	ES2108912	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 20	TEA1 20_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 20	TEA1 20_0.5	0.5	11/03/2021	ES2108912	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 20	TEA1 20_0.5	0.5	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 22	TEA1 22_0.2	0.2	11/03/2021	ES2108912	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 22	TEA1 22_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 23	TEA1 23_0.2	0.2	11/03/2021	ES2108912	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 23	TEA1 23_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 24	TEA1 24_0.2	0.2	10/03/2021	ES2108584	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 24	TEA1 24_0.2 - ASLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 24	TEA1 24_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 25	TEA1 25_0.2	0.2	18/05/2021	ES2118640	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA1 25	TEA1 25_0.5	0.5	18/05/2021	ES2121094	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 28	TEA1 28_0.2	0.2	11/03/2021	ES2108912	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 28	TEA1 28_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 29	TEA1 29_0.2	0.2	10/03/2021	ES2108584	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 29	TEA1 29_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 30	TEA1 30_0.2	0.2	11/03/2021	ES2108912	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 30	TEA1 30_0.2	0.2	11/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 32	TEA1 32_0.2	0.2	4/05/2021	ES2116789	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	Y	Ch
TEA1 33	QA03_090321	0.2	9/03/2021	ES2108584	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	-	-
TEA1 33	QA03A_090321	0.2	9/03/2021	780150	SC	<0.5	<0.5	<1	-	-	<0.5	<0.5	<0.5	<5	-	<0.5	<0.5	-	-	-	-	-	-	-	-
TEA1 33	TEA1 33_0.2	0.2	9/03/2021	ES2108584	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 33	TEA1 33_0.2 - ASLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 33	TEA1 33_0.2 - TCLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 34	TEA1 34_0.2	0.2	10/03/2021	ES2108584	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 35	TEA1 35_0.2	0.2	10/03/2021	ES2108584	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 35	TEA1 35_0.2	0.2	10/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 35	TEA1 35_0.2 - ASLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 35	TEA1 35_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 36	TEA1 36_0.2	0.2	27/01/2021	ES2102834	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	-	-	-	-	-	-	-	No	-
TEA1 36	TEA1 36_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 37	QA101_230621	0.2	23/06/2021	ES2123456	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	0.0006	0.0006	-	-	-
TEA1 37	QA101A_230621	0.2	23/06/2021	806032	SC	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<2	-	<0.5	<0.005	<0.005	<0.05	<0.005	-	-
TEA1 37	TEA1 37_0.2	0.2	23/06/2021	ES2123456	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	0.0006	0.0006	-	No	-
TEA1 38	TEA1 38_0.2	0.2	9/03/2021	ES2108584	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 38	TEA1 38_0.2 - TCLP	0.2	10/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 40	TEA1 40_0.2	0.2	29/03/2021	ES2111722	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 40	TEA1 40_0.2	0.2	29/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 41	TEA1 41_0.2	0.2	23/06/2021	ES2123456	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA1 42	QA23_290321	0.2	29/03/2021	ES2111722	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	-	-
TEA1 42	QA23A_290321	0.2	29/03/2021	784941	SC	<0.5	<0.5	<1	-	-	<0.5	<0.5	<0.5	<5	-	<0.5	<0.5	-	-	-	-	-	-	-	-
TEA1 42	TEA1 42_0.2	0.2	29/03/2021	ES2111722	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA1 42	TEA1 42_0.2	0.2	29/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 44	TEA1 44_0.2	0.2	8/04/2021	ES2112831	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA1 45	TEA1 45_0.2	0.2	29/03/2021	ES2111722	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA1 45	TEA1 45_0.2	0.2	29/03/2021	ES2111722	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 45	TEA1 45_0.2	0.2	29/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 24	QA10_160321	0.2	16/03/2021	ES2109379	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	-	-
TEA2 24	QA10A_160321	0.2	16/03/2021	ES2109379	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	-	-
TEA2 24	TEA2 24_0.2	0.2	16/03/2021	ES2109379	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA2 24	TEA2 24_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 26	TEA2 26_0.2	0.2	16/03/2021	ES2109379	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA2 26	TEA2 26_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 26	TEA2 26_0.5	0.5	16/03/2021	ES2109379	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA2 27	QA09_150321	0.2	15/03/2021	ES2109145	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-
TEA2 27	QA09A_150321	0.2	15/03/2021	781889	SC	<0.05	<0.05	<0.1	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<2	-	-	<0.005	<0.005	<0.05	<0.005	-	-
TEA2 27	TEA2 27_0.2	0.2	15/03/2021	ES2109145	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA2 27	TEA2 27_0.2	0.2	15/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 30	TEA2 30_0.2	0.2	15/03/2021	ES2109145	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA2 33	TEA2 33_0.2	0.2	4/05/2021	ES2116789	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA2 34	QA102_230621	0.2	23/06/2021	ES2123456	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	0.0007	0.0007	-	-	-
TEA2 34	TEA2 34_0.2	0.2	23/06/2021	ES2123456	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	0.0011	0.0011	-	No	-
TEA2 35	TEA2 35_0.2	0.2	27/01/2021	ES2102834	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	-	-	-	-	-	-	-	No	-
TEA2 36	TEA2 36_0.2	0.2	4/05/2021	ES2116789	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA2 38	QA19A_250321	0.2	25/03/2021	784074	SC	<0.05	<0.05	<0.05	<0.05	-	<0.2	<0.05	<0.05	-	<0.05	<0.05	<2	-	<0.5	<0.005	<0.005	<0.05	<0.005	-	-
TEA2 38	TEA2 38_0.2	0.2	25/03/2021	ES2111159	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA2 38	TEA2 38_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 39	TEA2 39_0.2	0.2	25/03/2021	ES2111159	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA2 39	TEA2 39_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 40	TEA2 40_0.2	0.2	26/03/2021	ES2111159	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA2 41	TEA2 41_0.2	0.2	15/03/2021	ES2109145	SC	<0.25[#1]	<0.08[#1]	<0.08[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.08[#1]	<0.25[#1]	<150[#1]	<0.25[#1]	<0.25[#1]	<1.0[#1]	<0.25[#1]	-	-	-	-	-	No	-
TEA2 41	TEA2 41_0.2	0.2	15/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 43	TEA2 43_0.2	0.2	25/03/2021	ES2111159	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA2 43	TEA2 43_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 43	TEA2 43_0.5	0.5	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 44	TEA2 44_0.2	0.2	25/03/2021	ES2111159	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA2 44	TEA2 44_0.2	0.2	25/03/2021	ES2113182	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 45	TEA2 45_0.2	0.2	15/04/2021	ES2113964	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05

						Organochlorine Pesticides										Organophosphorous Pesticides		PCBs	Perfluoroalkane Carboxylic Acids	PFAS			Asbestos	
						Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS	Sum of PFAS	Sum of PFAS (PFOS + PFOA)	Asbestos fibres	Asbestos Type
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	-
TEA5 24	TEA5 24_0.2	0.2	27/04/2021	ES2115695	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 24	TEA5 24_0.5	0.5	27/04/2021	ES2115695	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 24	TEA5 24_0.5	0.5	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 25	TEA5 25_0.2	0.2	13/05/2021	ES2117943	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 27	TEA5 27_0.2	0.2	21/04/2021	ES2115147	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 27	TEA5 27_0.2	0.2	21/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 28	TEA5 28_0.2	0.2	14/04/2021	ES2113964	SC	<0.25[#3]	<0.25[#3]	<0.25[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.25[#3]	<250[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TEA5 28	TEA5 28_0.2	0.2	14/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 29	TEA5 29_0.2	0.2	13/05/2021	ES2117943	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 30	TEA5 30_0.2	0.2	23/04/2021	ES2115305	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 30	TEA5 30_0.2	0.2	23/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 34	TEA5 34_0.2	0.2	26/04/2021	ES2115695	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA5 35	TEA5 35_0.2	0.2	27/04/2021	ES2116067	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TEA5 35	TEA5 35_0.2	0.2	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	TEA10 10_0.2	0.2	16/03/2021	ES2109379	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TEA10 10	TEA10 10_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 11	TEA10 11_0.2	0.2	18/03/2021	ES2109922	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TEA10 11	TEA10 11_0.2	0.2	18/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 12	TEA10 12_0.2	0.2	19/03/2021	ES2110034	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TEA10 12	TEA10 12_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_0.2	0.2	19/03/2021	ES2110034	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TEA10 13	TEA10 13_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_1.0	1	19/03/2021	ES2110034	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	0.0004	0.0004	-	No	-
TEA10 15	TEA10 15_0.2	0.2	17/03/2021	ES2109922	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA10 15	TEA10 15_0.2	0.2	17/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 16	TEA10 16-0.2		26/03/2021	ES2111159	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	No	-
TEA10 18	TEA10 18_0.2	0.2	26/03/2021	ES2111159	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TEA10 19	TEA10 19_0.2	0.2	12/04/2021	ES2113549	SC	<0.25[#3]	<0.25[#3]	<0.25[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.25[#3]	<250[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TEA10 19	TEA10 19_0.2	0.2	12/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 20	TEA10 20_0.2	0.2	12/03/2021	ES2108912	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TEA10 20	TEA10 20_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 21	TEA10 21_0.2	0.2	12/03/2021	ES2108912	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<0.2	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<0.2	<0.25[#3]	-	-	-	-	-	No	-
TEA10 21	TEA10 21_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 22	TEA10 22_0.2	0.2	12/03/2021	ES2108912	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<0.2	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<0.2	<0.25[#3]	-	-	-	-	-	No	-
TEA10 22	TEA10 22_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	QA01_270121	0.2	27/01/2021	ES2102834	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	-	-	-	-	-	-	-	-	-
TEA10 26	QA01A_270121	0.2	27/01/2021	770617	SC	<0.5	<0.5	<1	-	<0.5	<0.2	<0.5	<0.5	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_0.2	0.2	27/01/2021	ES2102834	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	-	-	-	-	-	-	-	No	-
TEA10 26	TEA10 26_0.2	0.2	27/01/2021	ES2104068	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 18	TT01 18_0.2	0.2	11/05/2021	ES2117691	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 40	TT01 40 0.2	0.2	12/03/2021	ES2108912	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<0.2	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<0.2	<0.25[#3]	-	-	-	-	-	No	-
TT01 40	TT01 40 0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 43	TT01 43_0.2	0.2	3/05/2021	ES2116789	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 43	TT01 43_0.2	0.2	3/05/2021	ES2118682	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 43	TT01 43_0.5	0.5	3/05/2021	ES2116789	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 49	TT01 49_0.2	0.2	3/05/2021	ES2116789	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 49	TT01 49_0.2	0.2	3/05/2021	ES2118682	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 52	TT01 52_0.2	0.2	19/03/2021	ES2110034	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TT01 52	TT01 52_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 54	TT01 54_0.2	0.2	28/04/2021	ES2116067	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 54	TT01 54_0.2	0.2	28/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 63	TT01 63_0.2	0.2	12/03/2021	ES2108912	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 63	TT01 63_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 75	TT01 75_0.2	0.2	30/03/2021	ES2111722	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 75	TT01 75_0.2	0.2	30/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 94	TT01 94_0.2	0.2	18/03/2021	ES2109922	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 94	TT01 94_0.2	0.2	18/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 95	TT01 95_0.2	0.2	24/06/2021	ES2123787	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	0.0005	0.0005	-	No	-
TT02 13	TT02 13_0.2	0.2	18/05/2021	ES2118640	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT02 13	TT02 13_0.2	0.2	18/05/2021	ES2121094	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14_0.2	0.2	9/03/2021	ES2108584	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TT02 14	TT02 14_0.2 - ASLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14_0.2 - TCLP	0.2	9/03/2021	ES2110368	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 16	TT02 16_0.2	0.2	3/05/2021	ES2116789	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 101	TT01 101_0.2	0.2	10/05/2021	ES2118168	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 101	TT01 101_0.2	0.2	10/05/2021	ES2119531	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 109	TT01 109_0.2	0.2	12/03/2021	ES2108912	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<0.2	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<0.2	<0.25[#3]	-	-	-	-	-	No	-
TT01 109	TT01 109_0.2	0.2	12/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 114	TT01 114_0.2	0.2	30/03/2021	ES2112167	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 117	TT01 117_0.2	0.2	16/03/2021	ES2109379	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TT01 117	TT01 117_0.2	0.2	16/03/2021	ES2109379	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 117	TT01 117_0.2	0.2	16/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 126	TT01 126_0.2	0.2	5/05/2021	ES2117097	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 143	TT01 143_0.2	0.2	27/04/2021	ES2115695	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 143	TT01 143_0.2	0.2	27/04/2021	ES2117942	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 147	TT01 147_0.2	0.2	19/03/2021	ES2110034	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TT01 147	TT01 147_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_0.2	0.2	3/05/2021	ES2116789	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 152	TT01 152_0.5	0.5	3/05/2021	ES2116789	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 152	TT01 152_0.5	0.5	3/05/2021	ES2118682	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 154	QA60_070521	0.2	7/05/2021	ES2117737	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	0.0003	0.0003	-	-	-
TT01 154	TT01 154_0.2	0.2	30/03/2021	ES2111722	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TT01 154	TT01 154_0.2	0.2	30/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 154	TT01 154_0.2	0.2	7/05/2021	ES2117737	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 154	TT01 154_0.5	0.5	30/03/2021	ES2111722	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TT01 154	TT01 154_0.5	0.5	30/03/2021	ES2113179	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 154	TT01 154_0.5	0.5	7/05/2021	ES2117737	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 154	TT01 154_0.5	0.5	7/05/2021	ES2121094	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 170	TT01 170_0.2	0.2	15/03/2021	ES2109145	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TT01 170	TT01 170_0.2	0.2	15/03/2021	ES2111289	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 178	TT01 178_0.2	0.2	19/03/2021	ES2110034	SC	<0.25[#3]	<0.08[#3]	<0.08[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.08[#3]	<0.25[#3]	<150[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TT01 178	TT01 178_0.2	0.2	19/03/2021	ES2113017	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 179	TT01 179_3.0	3	29/04/2021	ES2116067	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	0.0009	0.0009	-	Yes	Ch
TT01 181	TT01 181_0.2	0.2	22/04/2021	ES2115305	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 181	TT01 181_0.2	0.2	22/04/2021	ES2116856	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 193	TT01 193_0.2	0.2	31/03/2021	ES2112167	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-
TT01 201	TT01 201_0.2	0.2	14/04/2021	ES2113964	SC	<0.25[#3]	<0.25[#3]	<0.25[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	<0.25[#3]	<250[#3]	<0.25[#3]	<0.25[#3]	<1.0[#3]	<0.25[#3]	-	-	-	-	-	No	-
TT01 201	TT01 201_0.2	0.2	14/04/2021	ES2115955	SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 212	TT01 212_0.2	0.2	28/04/2021	ES2116067	SC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	No	-

Statistics

Number of Results	152	152	152	145	145	152	152	152	145	152	152	145	139	20	14	14	14	3	136	136
Number of Detects	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	11	11	0	136	136
Minimum Detect	ND	0.07	1.24	0.55	0.69	ND	ND	0.07	ND	ND	ND	ND	ND	ND	ND	0.0002	0.0002	ND	0	1
Maximum Concentration	<5	<5	<10	0.55	0.69	<5	<5	<5	<250	<5	<5	<50	<0.25	<10	<0.005	<0.005	<0.05	<0.005	1	1
Standard Deviation *	0.2	0.2	0.42	0.063	0.071	0.26	0.2	0.2	30	0.2	0.2	2.1	0.049	1.1	0.001	0.00087	0.01	0	0.086	0
95% UCL (Student's-t) *	0.109	0.0832	0.142	0.0752	0.0773	0.29	0.0829	0.11	50.84	0.109	0.109	0.75	0.0707	0.744	0.0011	0.00137	0.0107	0.0025	0.0195	1

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#1 Reported Analyte LOR is higher than Requested Analyte LOR
#2 No
#3 -
#4 Ch
#5 No*
#6 Yes

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

		BTEX				TRH					PAH							
		Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a) pyrene	Benzo(a)pyrene TEQ calc (Zero)		Naphthalene		PAHs (Sum of total)	
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
EQL		0.1	0.1	0.1	0.3	10	50	100	100	50	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand	3	NL	NL	230								40		NL		4,000	
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																		
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil						700	1,000	3,500	10,000									
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)		430	99,000	27,000	81,000		20,000	27,000	38,000						11,000			
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND		160																
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND		77																
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)		1,100	120,000	85,000	130,000		62,000	85,000	120,000						29,000			
Airport Regulations 1997 - General soil		1	130	50	25					5,000	5						100	

Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description															
TEA2 3	TEA2 3_0.5	0.5	27/01/2021	ES2102834	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA3 1	TEA3 1_0.5	0.5	28/04/2021	ES2116067	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 4	TEA3 4_2.0	2	21/04/2021	ES2115147	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	600	140	740	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 5	TEA3 5_0.5	0.5	20/04/2021	ES2115147	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	120	100	220	0.5	-	0.6	-	<0.5	-	2.8	-
TEA3 6	TEA3 6_0.5	0.5	12/05/2021	ES2117739	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	2.1	-	2.7	-	<0.5	-	17.1	-
TEA3 6	TEA3 6_0.5	0.5	12/05/2021	ES2119531	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 6	TEA3 6_1.0	1	12/05/2021	ES2117739	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.6	-
TEA3 7	TEA3 7_1.0	1	19/04/2021	ES2114835	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 7	TEA3 7_2.0	2	19/04/2021	ES2114835	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.5	-	0.6	-	<0.5	-	3.2	-
TEA3 9	TEA3 9_0.5	0.5	21/04/2021	ES2115147	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	1,190	450	1,640	1.1	-	1.4	-	<0.5	-	7.6	-
TEA3 9	TEA3 9_0.5	0.5	26/04/2021	ES2116856	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 9	TEA3 9_1.0	1	21/04/2021	ES2115147	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	1,430	390	1,820	1.7	-	2.3	-	<0.5	-	24.8	-
TEA3 9	TEA3 9_1.0	1	26/04/2021	ES2116856	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 8	TEA5 8_0.5	0.5	23/04/2021	ES2115305	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 8	TEA5 8_1.0	1	23/04/2021	ES2115305	SS	<0.2	<0.5	<0.5	<0.5	<10	50	180	<100	230	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 2	TEA10 2_0.5	0.5	12/04/2021	ES2113549	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.5	-	0.6	-	<0.5	-	2.4	-
TEA10 2	TEA10 2_1.0	1	12/04/2021	ES2113549	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	600	440	1,040	9.9	-	13.4	-	2.0	-	148	-
TEA10 2	TEA10 2_2.0	2	12/04/2021	ES2113549	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	1,110	1,130	2,240	7.9	-	10.3	-	<0.5	-	71.9	-
TEA10 2	TEA10 2_3.0	3	12/04/2021	ES2113549	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	1,510	1,010	2,520	14.0	-	18.6	-	<0.5	-	158	-
TEA10 3	TEA10 3_0.2	0.2	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	360	370	730	1.4	-	1.8	-	<0.5	-	12.8	-
TEA10 3	TEA10 3_0.2	0.2	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 3	TEA10 3_0.5	0.5	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	110	110	220	1.1	-	1.4	-	<0.5	-	13.4	-
TEA10 3	TEA10 3_0.5	0.5	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 3	TEA10 3_1.0	1	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	110	130	240	0.6	-	0.7	-	<0.5	-	4.2	-
TEA10 3	TEA10 3_1.0	1	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 4	TEA10 4_0.2	0.2	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	1.5	-	2.0	-	<0.5	-	14.9	-
TEA10 4	TEA10 4_0.2	0.2	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 4	TEA10 4_0.5	0.5	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	180	110	290	1.0	-	1.3	-	<0.5	-	9.6	-
TEA10 4	TEA10 4_0.5	0.5	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 6	TEA10 6_0.5	0.5	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	450	370	820	3.1	-	4.1	-	<0.5	-	28.7	-
TEA10 6	TEA10 6_0.5	0.5	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 6	TEA10 6_1.0	1	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 7	TEA10 7_0.5	0.5	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA10 7	TEA10 7_1.0	1	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 8	TEA10 8_0.2	0.2	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	2.4	-
TEA10 8	TEA10 8_0.5	0.5	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 8	TEA10 8_1.0	1	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 9	TEA10 9_0.5	0.5	30/03/2021	ES2112167	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.7	-	0.8	-	<0.5	-	6.5	-
TEA10 9	TEA10 9_1.0	1	30/03/2021	ES2112167	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	1.1	-	1.3	-	<0.5	-	10.2	-
TEA11 14	QA202_180521	2	18/05/2021	ES2118640	SS	<0.2	<0.5	<0.5	<0.5	<10	50	430	<100	430	7.7	-	11.5	-	<0.5	-	126	-
TEA11 14	QA202A_180521		18/05/2021	799602	SS	<0.1	<0.1	<0.1	<0.3	<20	65	1,000	200	1,265	11	-	16	-	0.6	-	177.4	-
TEA11 14	TEA1 14_1.0	1	18/05/2021	ES2118640	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	160	<100	160	2.0	-	2.6	-	<0.5	-	19.7	-
TEA11 14	TEA1 14_1.0	1	18/05/2021	ES2121094	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA11 14	TEA1 14_2.0	2	18/05/2021	ES2118640	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	2.5	-	3.3	-	<0.5	-	36.1	-
TEA11 14	TEA1 14_2.0	2	18/05/2021	ES2121094	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA11 15	TEA1 15_0.5	0.5	23/06/2021	ES2123456	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
TEA11 15	TEA1 15_1	1	23/06/2021	ES2123456	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
TEA11 16	QA05_100321	0.5	10/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	410	370	780	1.8	-	2.2	-	<0.5	-	12.6	-
TEA11 16	QA05A_100321	0.5	10/03/2021	780150	SS	<0.1	<0.1	<0.1	<0.3	<20	<2.500	<5.000	<5.000	<5.000	1.7	-	2.2	-	<0.5	-	14.4	-
TEA11 16	TEA1 16_0.5	0.5	10/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	440	430	870	2.5	-	3.1	-	<0.5	-	16.2	-
TEA11 16	TEA1 16_0.5 - TCLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA11 17	TEA1 17_0.5	0.5	5/05/2021	ES2117097	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 17	TEA1 17_1.0	1	5/05/2021	ES2117097	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 18	TEA1 18_0.5	0.5	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	390	280	670	3.6	-	4.6	-	<0.5	-	33.8	-
TEA11 18	TEA1 18_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 19	TEA1 19_0.2	0.2	10/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	280	380	660	0.9	-	1.0	-	<0.5	-	4.1	-
TEA11 19	TEA1 19_0.5	0.5	10/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	200	170	370	0.8	-	0.9	-	<0.5	-	3.2	-
TEA11 21	TEA1 21_0.2	0.2	4/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 21	TEA1 21_0.5	0.5	4/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 22	QA06_110321	1	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	230	170	400	1.0	-	1.2	-	<0.5	-	7.9	-
TEA11 22	QA06A_110321	1	11/03/2021	780567	SS	<0.1	<0.1	<0.1	<0.3	<20	<50	180	120	300	0.9	-	1.1	-	<0.5	-	6.3	-
TEA11 22	TEA1 22_0.5	0.5	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	600	770	1,370	3.8	-	4.7	-	<0.5	-	30.7	-
TEA11 22	TEA1 22_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA11 22	TEA1 22_1.0	1	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	260	320	580	1.1	-	1.4	-	<0.5	-	11.4	-
TEA11 22	TEA1 22_1.0	1	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	1.4	-	1.7	-	-	-	12.8	-
TEA11 22	TEA1 22_1.0	1	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 23	TEA1 23_0.5	0.5	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	160	130	290	0.9	-	1.0	-	<0.5	-	5.8	-
TEA11 23	TEA1 23_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 24	TEA1 24_0.5	0.5	10/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	210	180	390	1.0	-	1.2	-	<0.5	-	5.6	-
TEA11 24	TEA1 24_0.5 - TCLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 25	TEA1 25_0.5	0.5	18/05/2021	ES2118640	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	110	110	220	1.4	-	1.8	-	<0.5	-	12.3	-
TEA11 25	TEA1 25_1.0	1	18/05/2021	ES2118640	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 25	TEA1 25_2.0	2	18/05/2021	ES2118640	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 27	TEA1 27_0.2	0.2	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	140	140	280	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 27	TEA1 27_0.5	0.5	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	120	120	240	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 27	TEA1 27_1.0	1	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 28	TEA1 28_0.5	0.5	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	430	350	780	3.0	-	3.6	-	<0.5	-	21.5	-
TEA11 28	TEA1 28_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 29	TEA1 29_0.5	0.5	10/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 29	TEA1 29_1.0	1	10/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 30	TEA1 30_0.5	0.5	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	260	190	450	1.2	-	1.5	-	<0.5	-	11.0	-
TEA11 30	TEA1 30_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 30	TEA1 30_1.0	1	11/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	170	160	330	0.9	-	1.0	-	<0.5	-	6.7	-
TEA11 30	TEA1 30_1.0	1	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 31	TEA1 31_0.2	0.2	9/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	1,070	1,260	2,330	8.2	-	10.4	-	<0.5	-	51.6	-
TEA11 31	TEA1 31_0.2 - ASLP	0.2	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 31	TEA1 31_0.2 - TCLP	0.2	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 31	TEA1 31_0.5	0.5	9/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	310	280	590	3.8	-	4.5	-	<0.5	-	22.1	-
TEA11 31	TEA1 31_0.5 - TCLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 31	TEA1 31_1.0 - ASLP	1	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 31	TEA1 31_1.0 - TCLP	1	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 32	TEA1 32_0.5	0.5	4/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 32	TEA1 32_1.0	1	4/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 33	TEA1 33_0.5	0.5	9/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	520	700	1,220	13.7	-	17.6	-	<0.5	-	107	-
TEA11 33	TEA1 33_0.5 - ASLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 33	TEA1 33_0.5 - TCLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 34	TEA1 34_0.2 - TCLP	0.2	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 34	TEA1 34_0.5	0.5	10/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	340	340	680	8.4	-	10.7	-	<0.5	-	59.5	-
TEA11 34	TEA1 34_0.5 - ASLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 34	TEA1 34_0.5 - TCLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 35	TEA1 35_0.5	0.5	10/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	240	250	490	1.8	-	2.2	-	<0.5	-	10.7	-
TEA11 35	TEA1 35_0.5 - TCLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 35	TEA1 35_1.0	1	10/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	310	390	700	2.2	-	2.7	-	<0.5	-	12.8	-
TEA11 35	TEA1 35_1.0 - TCLP	1	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 36	TEA1 36_0.5	0.5	27/01/2021	ES2102834	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 37	TEA1 37_0.5	0.5	23/06/2021	ES2123456	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
TEA11 37	TEA1 37_1	1	23/06/2021	ES2123456	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
TEA11 38	TEA1 38_0.5	0.5	9/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	320	520	840	0.8	-	0.9	-	<0.5	-	6.2	-
TEA11 39	QA04_090321	0.2	9/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	420	450	870	3.0	-	3.7	-	<0.5	-	19.0	-
TEA11 39	QA04A_090321	0.2	9/03/2021	780150	SS	<0.1	<0.1	<0.1	<0.3	<20	<2.500	<5.000	<5.000	<5.000	1.9	-	2.4	-	<0.5	-	12.7	-
TEA11 39	TEA1 39_0.2	0.2	9/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	830	920	1,750	5.4	-	7.1	-	<0.5	-	34.2	-
TEA11 39	TEA1 39_0.2 - ASLP	0.2	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 39	TEA1 39_0.2 - TCLP	0.2	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 39	TEA1 39_0.5	0.5	9/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	220	260	480	0.8	-	0.9	-	<0.5	-	3.1	-
TEA11 40	TEA1 40_0.5	0.5	29/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 40	TEA1 40_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA11 40	TEA1 40_1.0	1	29/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.5	-	0.6	-	<0.5	-	2.6	-
TEA11 40	TEA1 40_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA11 40	TEA1 40_2.0	2	29/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 40	TEA1 40_2.0	2	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA11 41	TEA1 41_0.5	0.5	23/06/2021	ES2123456	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
TEA11 42	TEA1 42_0.5	0.5	29/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	170	<100	170	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 42	TEA1 42_1.0	1	29/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 42	TEA1 42_2.0	2	29/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	170	260	430	0.9	-	1.1	-	<0.5	-	7.3	-
TEA11 42	TEA1 42_2.0	2	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA11 42	TEA1 42_3.0	3	29/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 42	TEA1 42_4.0	4	29/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 43	TEA1 43_0.2	0.2	8/04/2021	ES2112831	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 43	TEA1 43_0.5	0.5	8/04/2021	ES2112831	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA11 44	TEA1 44_0.5	0.5	8/04/2021	ES2112831	SS	<0.2	<0.5	<0.5	<0.5	<10

						BTEX				TRH					PAH							
						Benzene	Toluene	Ethylbenzene	Xylene Total	C6-C10 (F1)	C10-C16 (F2)	C16-C34 (F3)	C34-C40 (F4)	C10-C40 (Sum of total)	Benzo(a) pyrene		Benzo(a)pyrene TEQ calc (Zero)		Naphthalene		PAHs (Sum of total)	
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L
TEA3 28	TEA3 28_0.5	0.5	14/04/2021	ES2113964	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	1.1	-	1.4	-	<0.5	-	10.9	-
TEA3 28	TEA3 28_0.5	0.5	14/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA3 29	TEA3 29_0.2	0.2	26/04/2021	ES2115661	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 29	TEA3 29_0.5	0.5	26/04/2021	ES2115661	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA3 29	TEA3 29_1.0	1	26/04/2021	ES2115661	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 13	TEA5 13_1.0	1	22/04/2021	ES2115305	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 13	TEA5 13_2.0	2	22/04/2021	ES2115305	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 16	TEA5 16_0.5	0.5	14/04/2021	ES2113964	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA5 17	TEA5 17_0.5	0.5	14/04/2021	ES2113964	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	460	250	710	5.4	-	7.7	-	<0.5	-	53.7	-
TEA5 17	TEA5 17_0.5	0.5	14/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA5 21	TEA5 21_0.5	0.5	19/04/2021	ES2114835	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	4.5	-
TEA5 28	TEA5 28_0.5	0.5	14/04/2021	ES2113964	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.7	-	0.8	-	<0.5	-	4.1	-
TEA5 30	TEA5 30_0.5	0.5	23/04/2021	ES2115305	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	140	<100	140	<0.5	-	<0.5	-	<0.5	-	2.8	-
TEA5 30	TEA5 30_1.0	1	23/04/2021	ES2115305	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	220	140	360	2.1	-	2.8	-	<0.5	-	28.2	-
TEA5 30	TEA5 30_1.0	1	23/04/2021	ES2116856	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 10	TEA10 10_0.5	0.5	16/03/2021	ES2109379	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	370	300	670	2.4	-	3.1	-	<0.5	-	22.1	-
TEA10 10	TEA10 10_0.5	0.5	16/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 10	TEA10 10_1.0	1	16/03/2021	ES2109379	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	180	190	370	1.4	-	1.7	-	<0.5	-	10.9	-
TEA10 10	TEA10 10_1.0	1	16/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 11	TEA10 11_0.5	0.5	18/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	470	500	970	2.7	-	3.4	-	<0.5	-	23.7	-
TEA10 11	TEA10 11_0.5	0.5	18/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 11	TEA10 11_1.0	1	18/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	2.9	-
TEA10 12	TEA10 12_0.5	0.5	19/03/2021	ES2110034	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	130	160	290	<0.5	-	<0.5	-	<0.5	-	0.5	-
TEA10 12	TEA10 12_1.0	1	19/03/2021	ES2110034	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	1.2	-
TEA10 12	TEA10 12_1.7	1.7	19/03/2021	ES2110034	SS	<0.2	<0.5	0.5	<0.5	<10	<50	150	110	260	1.7	-	2.2	-	<0.5	-	18.2	-
TEA10 12	TEA10 12_1.7	1.7	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 13	TEA10 13_0.5	0.5	19/03/2021	ES2110034	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	240	250	490	1.4	-	1.7	-	<0.5	-	10.6	-
TEA10 13	TEA10 13_0.5	0.5	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 13	TEA10 13_1.0	1	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 15	TEA10 15_0.5	0.5	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	100	<100	100	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 15	TEA10 15_1.0	1	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	0.7	-	0.9	-	<0.5	-	5.3	-
TEA10 15	TEA10 15_2.0	2	17/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	370	140	510	5.8	-	8.3	-	<0.5	-	95.5	-
TEA10 15	TEA10 15_2.0	2	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	2.2
TEA10 16	TEA10 16_1.0	1	26/03/2021	ES2111159	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 16	TEA10 16_2.0	2	26/03/2021	ES2111159	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 18	QA21_260321		26/03/2021	ES2111159	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	3.5	-
TEA10 18	TEA10 18_0.5	0.5	26/03/2021	ES2111159	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 18	TEA10 18_1	1	26/03/2021	ES2111159	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 18	TEA10 18_1.8	1.8	26/03/2021	ES2111834	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 19	TEA10 19_0.5	0.5	12/04/2021	ES2113549	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 19	TEA10 19_1.0	1	12/04/2021	ES2113549	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	180	170	350	1.9	-	2.4	-	<0.5	-	19.7	-
TEA10 19	TEA10 19_1.0	1	12/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 19	TEA10 19_2.0	2	12/04/2021	ES2113549	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	210	170	380	2.1	-	2.7	-	<0.5	-	17.2	-
TEA10 19	TEA10 19_2.0	2	12/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 20	TEA10 20_0.5	0.5	12/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	560	460	1,020	3.4	-	4.2	-	<0.5	-	24.8	-
TEA10 20	TEA10 20_0.5	0.5	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TEA10 21	TEA10 21_0.5	0.5	12/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	<0.5	-	<0.5	-	<0.5	-	0.5	-
TEA10 22	TEA10 22_0.5	0.5	12/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 23	QA21A_260321	0.2	26/03/2021	784074	SS	<0.1	<0.1	<0.1	<0.3	<20	<50	<100	<100	<100	<0.5	-	<0.5	-	<0.5	-	0.6	-
TEA10 23	TEA10 23_0.2	0.2	26/03/2021	ES2111834	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 23	TEA10 23_0.5	0.5	26/03/2021	ES2111159	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TEA10 26	TEA10 26-0.5	0.5	27/01/2021	ES2104068	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TEA10 26	TEA10 26_0.5	0.5	27/01/2021	ES2102834	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	200	120	320	2.7	-	3.3	-	<0.5	-	24.5	-
TT02 2	TT02 2_0.2	0.2	8/04/2021	ES2112831	SS	<0.2	<0.5	<0.5	<0.5	28	<50	100	<100	100	0.6	-	0.8	-	<0.5	-	6.8	-
TT02 2	TT02 2_0.2	0.2	8/04/2021	ES2114501	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 2	TT02 2_0.5	0.5	8/04/2021	ES2112831	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT02 2	TT02 2_1.0	1	8/04/2021	ES2112831	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT02 4	TT02 4_0.2	0.2	3/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	210	210	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 40	TT01 40 0.5	0.5	12/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	720	760	1,480	4.0	-	4.9	-	<0.5	-	34.1	-
TT01 40	TT01 40 0.5	0.5	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 43	TT01 43_1.0	1	3/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	130	100	230	1.5	-	2.0	-	<0.5	-	13.9	-
TT01 43	TT01 43_1.0	1	3/05/2021	ES2118682	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 43	TT01 43_2.0	2	3/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	180	120	300	2.2	-	2.9	-	<0.5	-	22.7	-
TT01 43	TT01 43_2.0	2	3/05/2021	ES2118682	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 43	TT01 43_3.0	3	3/05/2021	ES2118682	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-
TT01 49	TT01 49_0.5	0.5	3/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	4.8	-
TT01 49	TT01 49_1.0	1	3/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	2.5	-
TT01 52	TT01 52_0.5	0.5	19/03/2021	ES2110034	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	200	190	390	1.3	-	1.5	-	<0.5	-	9.5	-
TT01 52	TT01 52_0.5	0.5	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 54	TT01 54_0.5	0.5	28/04/2021	ES2116067	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 62	TT01 62_1.0	1	23/04/2021	ES2115558	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	2.6	-
TT01 62	TT01 62_2.0	2	23/04/2021	ES2115558	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	1.5	-	2.0	-	<0.5	-	17.0	-
TT01 63	TT01 63_0.5	0.5	12/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 63	TT01 63_1.0	1	12/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	0.8	-	0.9	-	<0.5	-	3.1	-
TT01 73	TT01 73_1.0	1	12/05/2021	ES2117739	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 75	QA24_300321	3	30/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	1.5	-	2.0	-	<0.5	-	17.3	-
TT01 75	TT01 75_0.5	0.5	30/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	180	140	320	2.1	-	2.8	-	<0.5	-	21.6	-
TT01 75	TT01 75_0.5	0.5	30/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 75	TT01 75_1.0	1	30/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	1.1	-	1.4	-	<0.5	-	11.1	-
TT01 75	TT01 75_1.0	1	30/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 79	TT01 79_0.2	0.2	15/03/2021	ES2109145	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 79	TT01 79_0.2	0.2	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 79	TT01 79_0.5	0.5	15/03/2021	ES2109145	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 94	TT01 94_0.5	0.5	18/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	250	280	530	1.2	-	1.5	-	<0.5	-	7.2	-
TT01 94	TT01 94_0.5	0.5	18/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 94	TT01 94_1.0	1	18/03/2021	ES2109922	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.6	-	0.7	-	<0.5	-	3.3	-
TT01 95	TT01 95_0.5	0.5	24/06/2021	ES2123787	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	0.8	<0.5	1.0	-	<0.5	-	9.9	-
TT01 95	TT01 95_1	1	24/06/2021	ES2123787	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	110	<100	110	1.3	<0.5	1.7	-	<0.5	-	11.9	-
TT02 13	TT02 13_1.0	1	18/05/2021	ES2118640	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT02 13	TT02 13_2.0	2	18/05/2021	ES2118640	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	760	320	1,080	5.0	-	7.2	-	<0.5	-	53.5	-
TT02 13	TT02 13_3.0	3	18/05/2021	ES2118640	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	320	150	470	2.2	-	2.8	-	<0.5	-	20.5	-
TT02 14	TT02 14_0.5	0.5	9/03/2021	ES2108584	SS	<0.2	<0.5	<0.5	<0.5	<10	90	1,900	770	2,760	27.2	-	37.3	-	31	-	400	-
TT02 14	TT02 14_0.5	0.5	9/03/2021	ES2108584	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	-
TT02 14	TT02 14_0.5 - ASLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT02 14	TT02 14_0.5 - TCLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT02 16	TT02 16_2.0	2	3/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 109	TT01 109_0.5	0.5	12/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	420	380	800	3.0	-	3.8	-	<0.5	-	26.5	-
TT01 109	TT01 109_0.5	0.5	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 109	TT01 109_1.0	1	12/03/2021	ES2108912	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	530	400	930	5.2	-	7.0	-	<0.5	-	45.2	-
TT01 109	TT01 109_1.0	1	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	4.0
TT01 114	TT01 114_0.5	0.5	30/03/2021	ES2112167	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	0.8	-	1.0	-	<0.5	-	7.6	-
TT01 114	TT01 114_1.0	1	30/03/2021	ES2112167	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	130	<100	130	1.2	-	1.6	-	<0.5	-	13.8	-
TT01 117	TT01 117_0.5	0.5	16/03/2021	ES2109379	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	110	110	220	<0.5	-	<0.5	-	<0.5	-	1.2	-
TT01 126	TT01 126_0.5	0.5	5/05/2021	ES2117097	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 143	TT01 143_1.0	1	27/04/2021	ES2115695	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 143	TT01 143_2.0	2	27/04/2021	ES2115695	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	120	<100	120	<0.5	-	<0.5	-	<0.5	-	1.5	-
TT01 147	TT01 147_0.5	0.5	19/03/2021	ES2110034	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	240	220	460	1.5	-	1.9	-	<0.5	-	11.2	-
TT01 147	TT01 147_0.5	0.5	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 152	TT01 152_1.0	1	3/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	380	250	630	2.8	-	3.6	-	<0.5	-	25.9	-
TT01 152	TT01 152_1.0	1	3/05/2021	ES2116789	SS	-	-	-	-	-	-	-	-	-	3.7	-	4.9	-	-	-	47.8	-
TT01 152	TT01 152_2.0	2	3/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	470	360	830	2.6	-	3.4	-	<0.5	-	29.9	-
TT01 152	TT01 152_2.0	2	3/05/2021	ES2116789	SS	-	-	-	-	-	-	-	-	-	4.8	-	7.0	-	-	-	44.6	-
TT01 152	TT01 152_3.0	3	3/05/2021	ES2116789	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	330	180	510	3.0	-	3.8	-	<0.5	-	25.6	-
TT01 154	TT01 154_1.0	1	30/03/2021	ES2111722	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 170	TT01 170_0.5	0.5	15/03/2021	ES2109145	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	470	420	890	3.0	-	3.9	-	<0.5	-	30.1	-
TT01 170	TT01 170_0.5	0.5	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	3.0
TT01 170	TT01 170_1.0	1	15/03/2021	ES2109145	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	800	700	1,500	7.3	-	10.2	-	<0.5	-	63.1	-
TT01 170	TT01 170_1.0	1	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 178	TT01 178_1.0	1	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	<0.5	-	<0.5	-	<1.0	-	<0.5
TT01 193	TT01 193_0.5	0.5	31/03/2021	ES2112167	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 193	TT01 193_1.0	1	31/03/2021	ES2112167	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 201	TT01 201_0.5	0.5	14/04/2021	ES2113964	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-
TT01 212	TT01 212_0.5	0.5	28/04/2021	ES2116067	SS	<0.2	<0.5	<0.5	<0.5	<10	<50	<100	<100	<50	<0.5	-	<0.5	-	<0.5	-	<0.5	-

Statistics

Number of Results	254	254	254	254	254	254	254	254	254	257	85	257	65	256	65	257	65
Number of Detects	0	0	1	0	1	4	114	88	116	115	0	115	0	4	0	140	4
Minimum Detect	ND	ND	0.5	ND	28	50	100	100	100	0.5	ND	0.6	ND	0.6	ND	0.5	2.2
Maximum Concentration	<0.2	<0.5	0.5	<0.5	28	<2,500	<5,000	<5,000	<5,000	27.2	<0.5	37.3	<0.5	2.8	<1	400	4
Standard Deviation *	0.0082	0.033	0.037	0.016	1.7	109	332	291	510	2.8	0	3.9	0	0.19	0	35	0.68
95% UCL (Student's-t) *	0.0095	0.248	0.249	0.249	5.4	46.88	234.7	197.9	356.8	1.689	0.25	2.19	0.25	0.299	0.5	16.45	0.558

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

							Metals														Phenols
							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)	Phenol
							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
EQL							2	100	0.4	50	2	100	5	100	5	100	0.1	1	2	100	5	100	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand							3,000		900		3,600		240,000		1,500		730		6,000		400,000		240,000
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																							
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND																							
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																							
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																							
Airport Regulations 1997 - General soil							500		100		500		5,000		1,500		75		3,000		35,000		42,500
Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description																		
TEA2 3	TEA2 3_0.5	0.5	27/01/2021	ES2102834	SS	<5	-	<1	-	10	-	10	-	14	-	<0.1	-	8	-	20	-	-
TEA3 1	TEA3 1_0.5	0.5	28/04/2021	ES2116067	SS	<5	-	<1	-	17	-	21	-	17	-	<0.1	-	15	-	50	-	-
TEA3 4	TEA3 4_2.0	2	21/04/2021	ES2115147	SS	<5	-	1	-	15	-	50	-	49	-	0.2	-	7	-	51	-	-
TEA3 5	TEA3 5_0.5	0.5	20/04/2021	ES2115147	SS	<5	-	<1	-	24	-	35	-	28	-	<0.1	-	19	-	80	-	-
TEA3 6	TEA3 6_0.5	0.5	12/05/2021	ES2117739	SS	<5	-	<1	-	26	-	72	-	22	-	<0.1	-	13	-	75	-	-
TEA3 6	TEA3 6_0.5	0.5	12/05/2021	ES2119531	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 6	TEA3 6_1.0	1	12/05/2021	ES2117739	SS	<5	-	<1	-	21	-	94	-	32	-	<0.1	-	22	-	62	-	-
TEA3 7	TEA3 7_1.0	1	19/04/2021	ES2114835	SS	<5	-	<1	-	20	-	7	-	14	-	<0.1	-	12	-	26	-	-
TEA3 7	TEA3 7_2.0	2	19/04/2021	ES2114835	SS	<5	-	<1	-	19	-	67	-	34	-	<0.1	-	14	-	122	-	-
TEA3 9	TEA3 9_0.5	0.5	21/04/2021	ES2115147	SS	<5	-	<1	-	46	-	28	-	23	-	<0.1	-	11	-	55	-	-
TEA3 9	TEA3 9_0.5	0.5	26/04/2021	ES2116856	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 9	TEA3 9_1.0	1	21/04/2021	ES2115147	SS	6	-	<1	-	29	-	44	-	55	-	<0.1	-	13	-	114	-	-
TEA3 9	TEA3 9_1.0	1	26/04/2021	ES2116856	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_0.5	0.5	23/04/2021	ES2115305	SS	<5	-	<1	-	6	-	5	-	14	-	<0.1	-	2	-	15	-	-
TEA5 8	TEA5 8_1.0	1	23/04/2021	ES2115305	SS	22	-	<1	-	10	-	41	-	28	-	<0.1	-	26	-	152	-	-
TEA10 2	TEA10 2_0.5	0.5	12/04/2021	ES2113549	SS	<5	-	<1	-	9	-	9	-	12	-	<0.1	-	4	-	21	-	-
TEA10 2	TEA10 2_1.0	1	12/04/2021	ES2113549	SS	5	-	<1	-	11	-	15	-	24	-	<0.1	-	16	-	45	-	-
TEA10 2	TEA10 2_2.0	2	12/04/2021	ES2113549	SS	12	-	<1	-	35	-	171	-	62	-	<0.1	-	19	-	137	-	<0.5
TEA10 2	TEA10 2_3.0	3	12/04/2021	ES2113549	SS	11	-	<1	-	14	-	64	-	148	-	0.1	-	21	-	169	-	-
TEA10 3	TEA10 3_0.2	0.2	17/03/2021	ES2109922	SS	<5	-	<1	-	10	-	71	-	27	-	<0.1	-	10	-	57	-	-
TEA10 3	TEA10 3_0.2	0.2	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 3	TEA10 3_0.5	0.5	17/03/2021	ES2109922	SS	<5	-	<1	-	8	-	14	-	26	-	<0.1	-	6	-	38	-	-
TEA10 3	TEA10 3_0.5	0.5	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 3	TEA10 3_1.0	1	17/03/2021	ES2109922	SS	<5	-	<1	-	9	-	21	-	37	-	<0.1	-	10	-	48	-	-
TEA10 3	TEA10 3_1.0	1	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 4	TEA10 4_0.2	0.2	17/03/2021	ES2109922	SS	<5	-	<1	-	10	-	29	-	31	-	<0.1	-	6	-	65	-	<0.5
TEA10 4	TEA10 4_0.2	0.2	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 4	TEA10 4_0.5	0.5	17/03/2021	ES2109922	SS	5	-	<1	-	13	-	31	-	50	-	<0.1	-	11	-	84	-	-
TEA10 4	TEA10 4_0.5	0.5	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 6	TEA10 6_0.5	0.5	17/03/2021	ES2109922	SS	<5	-	<1	-	9	-	7	-	16	-	<0.1	-	4	-	24	-	-
TEA10 6	TEA10 6_0.5	0.5	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 6	TEA10 6_1.0	1	17/03/2021	ES2109922	SS	<5	-	<1	-	8	-	8	-	14	-	<0.1	-	4	-	36	-	-
TEA10 7	TEA10 7_0.5	0.5	17/03/2021	ES2109922	SS	<5	-	<1	-	6	-	8	-	24	-	<0.1	-	4	-	30	-	-
TEA10 7	TEA10 7_1.0	1	17/03/2021	ES2109922	SS	<5	-	<1	-	6	-	7	-	22	-	<0.1	-	4	-	30	-	-
TEA10 8	TEA10 8_0.2	0.2	11/03/2021	ES2108912	SS	<5	-	<1	-	11	-	12	-	18	-	<0.1	-	12	-	45	-	-
TEA10 8	TEA10 8_0.5	0.5	11/03/2021	ES2108912	SS	<5	-	<1	-	9	-	15	-	29	-	<0.1	-	10	-	45	-	-
TEA10 8	TEA10 8_1.0	1	11/03/2021	ES2108912	SS	<5	-	<1	-	7	-	11	-	19	-	<0.1	-	4	-	29	-	<0.5
TEA10 9	TEA10 9_0.5	0.5	30/03/2021	ES2112167	SS	<5	-	<1	-	12	-	22	-	24	-	<0.1	-	4	-	43	-	<0.5
TEA10 9	TEA10 9_1.0	1	30/03/2021	ES2112167	SS	<5	-	<1	-	19	-	12	-	17	-	<0.1	-	5	-	33	-	<0.5
TEA1 14	QA202_180521	2	18/05/2021	ES2118640	SS	<5	-	<1	-	10	-	17	-	33	-	<0.1	-	8	-	51	-	<0.5
TEA1 14	QA202A_180521		18/05/2021	798602	SS	4.6	-	<0.4	-	19	-	31	-	83	-	0.1	-	12	-	100	-	<0.5
TEA1 14	TEA1 14_1.0	1	18/05/2021	ES2118640	SS	<5	-	<1	-	8	-	31	-	118	-	0.1	-	6	-	90	-	-
TEA1 14	TEA1 14_1.0	1	18/05/2021	ES2121094	SS	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TEA1 14	TEA1 14_2.0	2	18/05/2021	ES2118640	SS	<5	-	<1	-	7	-	10	-	28	-	<0.1	-	4	-	35	-	<0.5
TEA1 14	TEA1 14_2.0	2	18/05/2021	ES2121094	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 15	TEA1 15_0.5	0.5	23/06/2021	ES2123456	SS	<5	<100	<1	<50	11	<100	<5	<100	13	<100	<0.1	<1.0	6	<100	33	200	-
TEA1 15	TEA1 15_1	1	23/06/2021	ES2123456	SS	<5	<100	<1	<50	8	<100	11	100	18	100	<0.1	<1.0	8	100	44	200	-
TEA1 16	QA05_100321	0.5	10/03/2021	ES2108584	SS	<5	-	<1	-	10	-	33	-	25	-	<0.1	-	10	-	52	-	-
TEA1 16	QA05A_100321	0.5	10/03/2021	780150	SS	2.8	-	<0.4	-	12	-	30	-	26	-	<0.1	-	8.1	-	76	-	-
TEA1 16	TEA1 16_0.5	0.5	10/03/2021	ES2108584	SS	<5	-	<1	-	10	-	41	-	31	-	<0.1	-	14	-	62	-	-
TEA1 16	TEA1 16_0.5 - TCLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 17	TEA1 17_0.5	0.5	5/05/2021	ES2117097	SS	<5	-	<1	-	7	-	8	-	18	-	<0.1	-	3	-	37	-	<0.5
TEA1 17	TEA1 17_1.0	1	5/05/2021	ES2117097	SS	<5	-	<1	-	7	-	7	-	18	-	<0.1	-	3	-	34	-	-
TEA1 18	TEA1 18_0.5	0.5	11/03/2021	ES2108912	SS	<5	-	<1	-	9	-	21	-	29	-	<0.1	-	9	-	86	-	-
TEA1 18	TEA1 18_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 19	TEA1 19_0.2	0.2	10/03/2021	ES2108584	SS	<5	-	<1	-	10	-	71	-	11	-	<0.1	-	13	-	56	-	-
TEA1 19	TEA1 19_0.5	0.5	10/03/2021	ES2108584	SS	<5	-	<1	-	9	-	16	-	14	-	<0.1	-	6	-	34	-	<0.5
TEA1 21	TEA1 21_0.2	0.2	4/05/2021	ES2116789	SS	<5	-	<1	-	6	-	7	-	23	-	<0.1	-	2	-	24	-	<0.5
TEA1 21	TEA1 21_0.5	0.5	4/05/2021	ES2116789	SS	<5	-	<1	-	8	-	5	-	16	-	<0.1	-	4	-	22	-	-
TEA1 22	QA06_110321	1	11/03/2021	ES2108912	SS	<5	-	<1	-	8	-	<5	-	14	-	<0.1	-	4	-	22	-	-
TEA1 22	QA06A_110321	1	11/03/2021	780567	SS	<2	-	<0.4	-	10	-	7.3	-	12	-	<0.1	-	6.2	-	24	-	-
TEA1 22	TEA1 22_0.5	0.5	11/03/2021	ES2108912	SS	<5	-	<1	-	8	-	21	-	42	-	<0.1	-	10	-	30	-	-
TEA1 22	TEA1 22_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 22	TEA1 22_1.0	1	11/03/2021	ES2108912	SS	<5	-	<1	-	9	-	8	-	14	-	<0.1	-	6	-	23	-	<0.5
TEA1 22	TEA1 22_1.0	1	11/03/2021	ES2108912	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 22	TEA1 22_1.0	1	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 23	TEA1 23_0.5	0.5	11/03/2021	ES2108912	SS	<5	-	<1	-	6	-	34	-	14	-	<0.1	-	4	-	18	-	-
TEA1 23	TEA1 23_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 24	TEA1 24_0.5	0.5	10/03/2021	ES2108584	SS	<5	-	<1	-	10	-	19	-	48	-	<0.1	-	6	-	77	-	-
TEA1 24	TEA1 24_0.5 - TCLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 25	TEA1 25_0.5	0.5	18/05/2021	ES2118640	SS	<5	-	<1	-	9	-	33	-	64	-	<0.1	-	5	-	101	-	-
TEA1 25	TEA1 25_1.0	1	18/05/2021	ES2118640	SS	8	-	<1	-	7	-	42	-	61	-	0.1	-	9	-	115	-	-
TEA1 25	TEA1 25_2.0	2	18/05/2021	ES2118640	SS	<5	-	<1	-	8	-	18	-	50	-	<0.1	-	4	-	68	-	<0.5
TEA1 27	TEA1 27_0.2	0.2	11/03/2021	ES2108912	SS	<5	-	<1	-	10	-	11	-	15	-	<0.1	-	8	-	37	-	-
TEA1 27	TEA1 27_0.5	0.5	11/03/2021	ES2108912	SS	<5	-	<1	-	10	-	17	-	22	-	<0.1	-	11	-	49	-	-
TEA1 27	TEA1 27_1.0	1	11/03/2021	ES2108912	SS	<5	-	<1	-	9	-	8	-	19	-	<0.1	-	6	-	36	-	-
TEA1 28	TEA1 28_0.5	0.5	11/03/2021	ES2108912	SS	<5	-	<1	-	9	-	14	-	15	-	<0.1	-	10	-	29	-	-
TEA1 28	TEA1 28_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 29	TEA1 29_0.5	0.5	10/03/2021	ES2108584	SS	<5	-	<1	-	8	-	17	-	12	-	<0.1	-	7	-	34	-	<0.5
TEA1 29	TEA1 29_1.0	1	10/03/2021	ES2108584	SS	<5	-	<1	-	11	-	11	-	16	-	<0.1	-	8	-	47	-	-
TEA1 30	TEA1 30_0.5	0.5	11/03/2021	ES2108912	SS	<5	-	<1	-	7	-	7	-	14	-	<0.1	-	4	-	22	-	<0.5
TEA1 30	TEA1 30_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 30	TEA1 30_1.0	1	11/03/2021	ES2108912	SS	<5	-	<1	-	9	-	13	-	25	-	<0.1	-	7	-	33	-	-
TEA1 30	TEA1 30_1.0	1	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 31	TEA1 31_0.2	0.2	9/03/2021	ES2108584	SS	<5	-	<1	-	7	-	53	-	26	-	<0.1	-	16	-	53	-	-
TEA1 31	TEA1 31_0.2 - ASLP	0.2	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 31	TEA1 31_0.2 - TCLP	0.2	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 31	TEA1 31_0.5	0.5	9/03/2021	ES2108584	SS	<5	-	<1	-	10	-	20	-	26	-	<0.1	-	12	-	52	-	-
TEA1 31	TEA1 31_0.5 - TCLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 31	TEA1 31_1.0 - ASLP	1	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 31	TEA1 31_1.0 - TCLP	1	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 32	TEA1 32_0.5	0.5	4/05/2021	ES2116789	SS	<5	-	<1	-	9	-	<5	-	45	-	<0.1	-	2	-	12	-	<0.5
TEA1 32	TEA1 32_1.0	1	4/05/2021	ES2116789	SS	<5	-	<1	-	8	-	7	-	16	-	<0.1	-	7	-	39	-	-
TEA1 33	TEA1 33_0.5	0.5	9/03/2021	ES2108584	SS	<5	-	<1	-	11	-	40	-	31	-	<0.1	-	16	-	45	-	-
TEA1 33	TEA1 33_0.5 - ASLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 33	TEA1 33_0.5 - TCLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 34	TEA1 34_0.2 - TCLP	0.2	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 34	TEA1 34_0.5	0.5	10/03/2021	ES2108584	SS	<5	-	<1	-	9	-	22	-	17	-	<0.1	-	7	-	26	-	-
TEA1 34	TEA1 34_0.5 - ASLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 34	TEA1 34_0.5 - TCLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 35	TEA1 35_0.5	0.5	10/03/2021	ES2108584	SS	<5	-	<1	-	8	-	25	-	39	-	<0.1	-	7	-	57	-	-
TEA1 35	TEA1 35_0.5 - TCLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 35	TEA1 35_1.0	1	10/03/2021	ES2108584	SS	<5	-	<1	-	7	-	17	-	29	-	<0.1	-	6	-	36	-	-
TEA1 35	TEA1 35_1.0 - TCLP	1	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 36	TEA1 36_0.5	0.5	27/01/2021	ES2102834	SS	<5	-	<1	-	7	-	<5	-	12	-	<0.1	-	4	-	33	-	<0.5
TEA1 37	TEA1 37_0.5	0.5	23/06/2021	ES2123456	SS	<5	<100	<1	<50	10	<100	8	<100	42	<100	<0.1	<1.0	6	<100	34	100	-
TEA1 37	TEA1 37_1	1	23/06/2021	ES2123456	SS	<5	<100	<1	<50	6	<100	9	<100	13	<100	<0.1	<1.0	5	<100	32	200	-
TEA1 38	TEA1 38_0.5	0.5	9/03/2021	ES2108584	SS	<5	-	<1	-	6	-	49	-	16	-	<0.1	-	8	-	40	-	-
TEA1 39	QA04_090321	0.2	9/03/2021	ES2108584	SS	<5	-	<1	-	9	-	14	-	19	-	<0.1	-	10	-	32	-	-
TEA1 39	QA04A_090321	0.2	9/03/2021	780150	SS	2.1	-	<0.4	-	9.0	-	12	-	19	-	<0.1	-	5.5	-	30	-	-
TEA1 39	TEA1 39_0.2	0.2	9/03/2021	ES2108584	SS	<5	-	<1	-	11	-	31	-	28	-	<0.1	-	14	-	46	-	-
TEA1 39	TEA1 39_0.2 - ASLP	0.2	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 39	TEA1 39_0.2 - TCLP	0.2	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 39	TEA1 39_0.5	0.5	9/03/2021	ES2108584	SS	<5	-	<1	-	8	-	19	-	20	-	<0.1	-	8	-	36	-	<0.5
TEA1 40	TEA1 40_0.5	0.5	29/03/2021	ES2111722	SS	<5	-	<1	-	19	-	46	-	134	-	0.1	-	12	-	143	-	-
TEA1 40	TEA1 40_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TEA1 40	TEA1 40_1.0	1	29/03/2021	ES2111722	SS	<5	-	<1	-	13	-	33	-	153	-	0.2	-	11	-	111	-	-
TEA1 40	TEA1 40_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TEA1 40	TEA1 40_2.0	2	29/03/2021	ES2111722	SS	5	-	<1	-	40	-	24	-	262	-	0.1	-	14	-	160	-	-
TEA1 40	TEA1 40_2.0	2	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-
TEA1 41	TEA1 41_0.5	0.5	23/06/2021	ES2123456	SS	<5	<100	<1	<50	6	<100	6	<100	11	<100	<0.1	<1.0	3	<100	19	200	-
TEA1 42	TEA1 42_0.5	0.5	29/03/2021	ES2111722	SS	<5	-	<1	-	<5	-	<5	-	8	-	<0.1	-	<5	-	21	-	<0.5
TEA1 42	TEA1 42_1.0	1	29/03/2021	ES2111722	SS	<5	-	<1	-	8	-	13	-	26	-	<0.1	-	4	-	136	-	-
TEA1 42	TEA1 42_2.0	2	29/03/2021	ES2111722	SS	8	-	<1	-	22	-	52	-	65	-	<0.1	-	10	-	100	-	-
TEA1 42	TEA1 42_2.0	2	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 42	TEA1 42_3.0	3	29/03/2021	ES2111722	SS	<5	-	<1	-	16	-	8	-	37	-	<0.1	-	9	-	49	-	-
TEA1 42	TEA1 42_4.0	4	29/03/2021	ES2111722	SS	<5	-	<1	-	73	-	259	-	33	-	<0.1	-	23	-	171	-	-
TEA1 43	TEA1 43_0.2	0.2	8/04/2021	ES2112831	SS	<5	-	<1	-	12	-	6	-	18	-	<0.1	-	4	-	23	-	<0.5
TEA1 43	TEA1 43_0.5	0.5	8/04/2021	ES2112831	SS	<5	-	<1	-	10	-	9	-	14	-	<0.1	-	5	-	21	-	-
TEA1 44	TEA1 44_0.5	0.5	8/04/2021	ES2112831	SS	<5	-	<1	-	10	-	<5	-	11	-	<0.1	-	3	-	14	-	-
TEA1 44	TEA1 44_1.0	1	8/04/2021	ES2112831	SS	6	-	<1	-	14	-	21	-	53	-	<0.1	-	7	-	97	-	-
TEA1 45	TEA1 45_0.5	0.5	29/03/2021	ES2111722	SS	<5	-	1	-	8	-	19	-	49	-	<0.1	-	6	-	58	-	-
TEA1 45	TEA1 45_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA1 45	TEA1 45_1.0	1	29/03/2021	ES2111722	SS	5	-	5	-	10	-	40	-	128	-	0.1	-	14	-	100	-	-
TEA1 45	TEA1 45_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	700	-	-	-	-	-	-	-
TEA2 24	TEA2 24_0.5	0.5	16/03/2021	ES2109379	SS	<5	-	<1	-	8	-	39	-	8	-	<0.1	-	39	-	30	-	-
TEA2 24	TEA2 24_1.0	1	16/03/2021	ES2109379	SS	<5	-	<1	-	7	-	22	-	33	-	<0.1	-	16	-	84	-	<0.5
TEA2 25	TEA2 25_0.2	0.2	15/03/2021	ES2109145	SS	<5	-	<1	-	36	-	21	-	17	-	<0.1	-	47	-	86	-	-
TEA2 25	TEA2 25_0.2	0.2	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	-	-	-
TEA2 25	TEA2 25_0.4 FRAGMENT 1	0.4	15/03/2021	ES2109145	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 25	TEA2 25_0.5	0.5	15/03/2021	ES2109145	SS	9	-	<1	-	15	-	15	-	23	-	<0.1	-	18	-	71	-	-
TEA2 26	TEA2 26_0.5	0.5	16/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 27	TEA2 27_0.5	0.5	15/03/2021	ES2109145	SS	<5	-	<1	-	24	-	32	-	29	-	<0.1	-	31	-	78	-	<0.5
TEA2 27	TEA2 27_1.0	1	15/03/2021	ES2109145	SS	<5	-	<1	-	26	-	30	-	25	-	<0.1	-	27	-	56	-	-
TEA2 28	TEA2 28_0.2	0.2	15/03/2021	ES2109145	SS	<5	-	<1	-	29	-	24	-	23	-	<0.1	-	36	-	58	-	-
TEA2 28	TEA2 28_0.5	0.5	15/03/2021	ES2109145	SS	5	-	<1	-	10	-	19	-	20	-	<0.1	-	11	-	38	-	-
TEA2 28	TEA2 28_1.0	1	15/03/2021	ES2109145	SS	<5	-	<1	-	24	-	19	-	34	-	<0.1	-	24	-	70	-	-
TEA2 28	TEA2 28_1.0	1	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 29	TEA2 29_0.2	0.2	15/03/2021	ES2109145	SS	<5	-	<1	-	40	-	16	-	9	-	<0.1	-	50	-	37	-	-
TEA2 29	TEA2 29_0.2	0.2	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	-	-	-
TEA2 29	TEA2 29_0.5	0.5	15/03/2021	ES2109145	SS	6	-	<1	-	12	-	20	-	17	-	<0.1	-	11	-	35	-	-
TEA2 29	TEA2 29_1.0	1	15/03/2021	ES2109145	SS	<5	-	<1	-	14	-	14	-	11	-	<0.1	-	16	-	28	-	-
TEA2 30	TEA2 30_0.5	0.5	15/03/2021	ES2109145	SS	<5	-	<1	-	24	-	27	-	22	-	<0.1	-	21	-	50	-	-
TEA2 30	TEA2 30_1.0	1	15/03/2021	ES2109145	SS	<5	-	<1	-	17	-	53	-	25	-	<0.1	-	20	-	75	-	-
TEA2 30	TEA2 30_1.0	1	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA2 31	TEA2 31_0.2	0.2	4/05/2021	ES2116789	SS	<5	-	<1	-	7	-	7	-	20	-	<0.1	-	6	-	28	-	-
TEA2 31	TEA2 31_0.5	0.5	4/05/2021	ES2116789	SS	<5	-	<1	-	7	-	14	-	17	-	<0.1	-	11	-	44	-	-
TEA2 31	TEA2 31_1.0	1	4/05/2021	ES2116789	SS

						Metals																Phenols
						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)	Phenol
						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
TEA3 28	TEA3 28_0.5	0.5	14/04/2021	ES2113964	SS	<5	-	<1	-	18	-	20	-	39	-	<0.1	-	16	-	71	-	-
TEA3 28	TEA3 28_0.5	0.5	14/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 29	TEA3 29_0.2	0.2	26/04/2021	ES2115661	SS	7	-	<1	-	29	-	36	-	35	-	<0.1	-	18	-	58	-	<0.5
TEA3 29	TEA3 29_0.5	0.5	26/04/2021	ES2115661	SS	<5	-	<1	-	5	-	<5	-	19	-	<0.1	-	<2	-	65	-	-
TEA3 29	TEA3 29_1.0	1	26/04/2021	ES2115661	SS	<5	-	<1	-	11	-	<5	-	17	-	<0.1	-	<2	-	<5	-	-
TEA5 13	TEA5 13_1.0	1	22/04/2021	ES2115305	SS	<5	-	<1	-	16	-	7	-	18	-	<0.1	-	10	-	37	-	<0.5
TEA5 13	TEA5 13_2.0	2	22/04/2021	ES2115305	SS	<5	-	<1	-	36	-	9	-	15	-	<0.1	-	36	-	57	-	-
TEA5 16	TEA5 16_0.5	0.5	14/04/2021	ES2113964	SS	<5	-	<1	-	19	-	15	-	18	-	<0.1	-	12	-	34	-	-
TEA5 17	TEA5 17_0.5	0.5	14/04/2021	ES2113964	SS	<5	-	<1	-	18	-	52	-	23	-	<0.1	-	19	-	63	-	-
TEA5 17	TEA5 17_0.5	0.5	14/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 21	TEA5 21_0.5	0.5	19/04/2021	ES2114835	SS	<5	-	<1	-	26	-	20	-	21	-	<0.1	-	13	-	32	-	-
TEA5 28	TEA5 28_0.5	0.5	14/04/2021	ES2113964	SS	<5	-	<1	-	19	-	21	-	18	-	<0.1	-	16	-	55	-	-
TEA5 30	TEA5 30_0.5	0.5	23/04/2021	ES2115305	SS	8	-	<1	-	20	-	49	-	52	-	<0.1	-	13	-	94	-	-
TEA5 30	TEA5 30_1.0	1	23/04/2021	ES2115305	SS	8	-	<1	-	22	-	45	-	63	-	<0.1	-	13	-	207	-	-
TEA5 30	TEA5 30_1.0	1	23/04/2021	ES2116856	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	TEA10 10_0.5	0.5	16/03/2021	ES2109379	SS	<5	-	<1	-	8	-	37	-	31	-	<0.1	-	4	-	37	-	-
TEA10 10	TEA10 10_0.5	0.5	16/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
TEA10 10	TEA10 10_1.0	1	16/03/2021	ES2109379	SS	<5	-	<1	-	14	-	27	-	87	-	0.1	-	7	-	88	-	-
TEA10 10	TEA10 10_1.0	1	16/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 11	TEA10 11_0.5	0.5	18/03/2021	ES2109922	SS	<5	-	<1	-	11	-	93	-	20	-	<0.1	-	12	-	71	-	<0.5
TEA10 11	TEA10 11_0.5	0.5	18/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 11	TEA10 11_1.0	1	18/03/2021	ES2109922	SS	<5	-	<1	-	9	-	12	-	13	-	<0.1	-	3	-	18	-	<0.5
TEA10 12	TEA10 12_0.5	0.5	19/03/2021	ES2110034	SS	<5	-	<1	-	10	-	6	-	17	-	<0.1	-	7	-	47	-	<0.5
TEA10 12	TEA10 12_1.0	1	19/03/2021	ES2110034	SS	<5	-	<1	-	7	-	9	-	30	-	<0.1	-	4	-	31	-	-
TEA10 12	TEA10 12_1.7	1.7	19/03/2021	ES2110034	SS	<5	-	<1	-	8	-	8	-	17	-	<0.1	-	5	-	32	-	-
TEA10 12	TEA10 12_1.7	1.7	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_0.5	0.5	19/03/2021	ES2110034	SS	<5	-	<1	-	8	-	19	-	21	-	<0.1	-	7	-	56	-	-
TEA10 13	TEA10 13_0.5	0.5	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_1.0	1	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 15	TEA10 15_0.5	0.5	17/03/2021	ES2109922	SS	<5	-	<1	-	8	-	11	-	24	-	<0.1	-	6	-	54	-	-
TEA10 15	TEA10 15_1.0	1	17/03/2021	ES2109922	SS	<5	-	<1	-	12	-	13	-	22	-	<0.1	-	11	-	39	-	-
TEA10 15	TEA10 15_2.0	2	17/03/2021	ES2109922	SS	<5	-	<1	-	9	-	13	-	23	-	<0.1	-	9	-	45	-	-
TEA10 15	TEA10 15_2.0	2	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 16	TEA10 16_1.0	1	26/03/2021	ES2111159	SS	<5	-	<1	-	10	-	7	-	20	-	<0.1	-	3	-	41	-	-
TEA10 16	TEA10 16_2.0	2	26/03/2021	ES2111159	SS	<5	-	<1	-	9	-	8	-	17	-	<0.1	-	7	-	37	-	-
TEA10 18	QA21_260321		26/03/2021	ES2111159	SS	<5	-	<1	-	8	-	<5	-	12	-	<0.1	-	3	-	14	-	-
TEA10 18	TEA10 18_0.5	0.5	26/03/2021	ES2111159	SS	<5	-	<1	-	8	-	8	-	21	-	<0.1	-	<2	-	28	-	-
TEA10 18	TEA10 18_1.0	1	26/03/2021	ES2111159	SS	8	-	<1	-	12	-	10	-	40	-	<0.1	-	<2	-	35	-	-
TEA10 18	TEA10 18_1.8	1.8	26/03/2021	ES2111834	SS	<5	-	<1	-	11	-	6	-	16	-	<0.1	-	3	-	19	-	-
TEA10 19	TEA10 19_0.5	0.5	12/04/2021	ES2113549	SS	<5	-	<1	-	13	-	8	-	11	-	<0.1	-	4	-	23	-	<0.5
TEA10 19	TEA10 19_1.0	1	12/04/2021	ES2113549	SS	<5	-	<1	-	15	-	50	-	31	-	<0.1	-	8	-	40	-	-
TEA10 19	TEA10 19_1.0	1	12/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 19	TEA10 19_2.0	2	12/04/2021	ES2113549	SS	5	-	<1	-	25	-	59	-	62	-	<0.1	-	15	-	64	-	-
TEA10 19	TEA10 19_2.0	2	12/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 20	TEA10 20_0.5	0.5	12/03/2021	ES2108912	SS	<5	-	<1	-	8	-	21	-	21	-	<0.1	-	10	-	33	-	-
TEA10 20	TEA10 20_0.5	0.5	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 21	TEA10 21_0.5	0.5	12/03/2021	ES2108912	SS	<5	-	<1	-	6	-	19	-	20	-	<0.1	-	9	-	29	-	-
TEA10 22	TEA10 22_0.5	0.5	12/03/2021	ES2108912	SS	10	-	<1	-	14	-	17	-	46	-	<0.1	-	3	-	49	-	-
TEA10 23	QA21A_260321	0.2	26/03/2021	784074	SS	3.0	-	<0.4	-	14	-	8.8	-	20	-	<0.1	-	<5	-	28	-	-
TEA10 23	TEA10 23_0.2	0.2	26/03/2021	ES2111834	SS	<5	-	<1	-	8	-	6	-	17	-	<0.1	-	4	-	19	-	-
TEA10 23	TEA10 23_0.5	0.5	26/03/2021	ES2111159	SS	<5	-	<1	-	6	-	6	-	15	-	<0.1	-	3	-	16	-	-
TEA10 26	TEA10 26-0.5	0.5	27/01/2021	ES2104068	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_0.5	0.5	27/01/2021	ES2102834	SS	<5	-	<1	-	7	-	9	-	18	-	<0.1	-	5	-	36	-	-
TT02 2	TT02 2_0.2	0.2	8/04/2021	ES2112831	SS	24	-	<1	-	23	-	54	-	131	-	0.2	-	34	-	150	-	<0.5
TT02 2	TT02 2_0.2	0.2	8/04/2021	ES2114501	SS	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TT02 2	TT02 2_0.5	0.5	8/04/2021	ES2112831	SS	<5	-	<1	-	13	-	<5	-	11	-	<0.1	-	2	-	16	-	-
TT02 2	TT02 2_1.0	1	8/04/2021	ES2112831	SS	<5	-	<1	-	13	-	<5	-	5	-	<0.1	-	11	-	<5	-	-
TT02 4	TT02 4_0.2	0.2	3/05/2021	ES2116789	SS	<5	-	<1	-	6	-	6	-	18	-	<0.1	-	<2	-	15	-	-
TT01 40	TT01 40 0.5	0.5	12/03/2021	ES2108912	SS	<5	-	<1	-	9	-	38	-	21	-	<0.1	-	15	-	34	-	-
TT01 40	TT01 40 0.5	0.5	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 43	TT01 43_1.0	1	3/05/2021	ES2116789	SS	<5	-	<1	-	14	-	12	-	30	-	<0.1	-	7	-	50	-	-
TT01 43	TT01 43_1.0	1	3/05/2021	ES2118682	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 43	TT01 43_2.0	2	3/05/2021	ES2116789	SS	<5	-	<1	-	39	-	138	-	86	-	<0.1	-	22	-	959	-	-
TT01 43	TT01 43_2.0	2	3/05/2021	ES2118682	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 43	TT01 43_3.0	3	3/05/2021	ES2118682	SS	-	-	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-
TT01 49	TT01 49_0.5	0.5	3/05/2021	ES2116789	SS	6	-	<1	-	13	-	30	-	70	-	<0.1	-	9	-	165	-	-
TT01 49	TT01 49_1.0	1	3/05/2021	ES2116789	SS	<5	-	<1	-	11	-	39	-	98	-	0.2	-	8	-	161	-	-
TT01 52	TT01 52_0.5	0.5	19/03/2021	ES2110034	SS	<5	-	<1	-	8	-	11	-	24	-	<0.1	-	5	-	28	-	-
TT01 52	TT01 52_0.5	0.5	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 54	TT01 54_0.5	0.5	28/04/2021	ES2116067	SS	<5	-	<1	-	19	-	15	-	16	-	<0.1	-	12	-	54	-	-
TT01 62	TT01 62_1.0	1	23/04/2021	ES2115558	SS	<5	-	<1	-	8	-	8	-	29	-	<0.1	-	5	-	38	-	-
TT01 62	TT01 62_2.0	2	23/04/2021	ES2115558	SS	8	-	<1	-	9	-	30	-	60	-	0.2	-	9	-	120	-	-
TT01 63	TT01 63_0.5	0.5	12/03/2021	ES2108912	SS	<5	-	<1	-	8	-	11	-	15	-	<0.1	-	5	-	25	-	-
TT01 63	TT01 63_1.0	1	12/03/2021	ES2108912	SS	<5	-	<1	-	7	-	11	-	17	-	<0.1	-	5	-	28	-	<0.5
TT01 73	TT01 73_1.0	1	12/05/2021	ES2117739	SS	7	-	<1	-	12	-	38	-	40	-	<0.1	-	14	-	98	-	-
TT01 75	QA24_300321	3	30/03/2021	ES2111722	SS	<5	-	<1	-	10	-	52	-	200	-	0.3	-	6	-	193	-	-
TT01 75	TT01 75_0.5	0.5	30/03/2021	ES2111722	SS	6	-	<1	-	17	-	48	-	50	-	<0.1	-	12	-	103	-	<0.5
TT01 75	TT01 75_0.5	0.5	30/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 75	TT01 75_1.0	1	30/03/2021	ES2111722	SS	5	-	<1	-	8	-	46	-	59	-	<0.1	-	9	-	173	-	<0.5
TT01 75	TT01 75_1.0	1	30/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 79	TT01 79_0.2	0.2	15/03/2021	ES2109145	SS	<5	-	<1	-	54	-	22	-	16	-	<0.1	-	61	-	49	-	-
TT01 79	TT01 79_0.2	0.2	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-	-	-
TT01 79	TT01 79_0.5	0.5	15/03/2021	ES2109145	SS	<5	-	<1	-	9	-	10	-	16	-	<0.1	-	14	-	44	-	-
TT01 94	TT01 94_0.5	0.5	18/03/2021	ES2109922	SS	<5	-	<1	-	8	-	9	-	21	-	<0.1	-	5	-	67	-	<0.5
TT01 94	TT01 94_0.5	0.5	18/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 94	TT01 94_1.0	1	18/03/2021	ES2109922	SS	<5	-	<1	-	8	-	11	-	20	-	<0.1	-	8	-	38	-	-
TT01 95	TT01 95_0.5	0.5	24/06/2021	ES2123787	SS	<5	<100	<1	<50	7	<100	24	<100	18	<100	<0.1	<1.0	8	<100	55	200	<0.5
TT01 95	TT01 95_1	1	24/06/2021	ES2123787	SS	<5	<100	<1	<50	11	<100	24	<100	55	200	<0.1	<1.0	13	<100	94	500	-
TT02 13	TT02 13_1.0	1	18/05/2021	ES2118640	SS	<5	-	<1	-	7	-	14	-	56	-	<0.1	-	4	-	55	-	-
TT02 13	TT02 13_2.0	2	18/05/2021	ES2118640	SS	27	-	13	-	25	-	74	-	558	-	0.2	-	15	-	277	-	<0.5
TT02 13	TT02 13_3.0	3	18/05/2021	ES2118640	SS	28	-	20	-	16	-	84	-	598	-	0.2	-	13	-	200	-	-
TT02 14	TT02 14_0.5	0.5	9/03/2021	ES2108584	SS	<5	-	<1	-	11	-	46	-	23	-	<0.1	-	13	-	63	-	-
TT02 14	TT02 14_0.5	0.5	9/03/2021	ES2108584	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14_0.5 - ASLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14_0.5 - TCLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 16	TT02 16_2.0	2	3/05/2021	ES2116789	SS	6	-	<1	-	6	-	19	-	54	-	0.1	-	6	-	82	-	-
TT01 109	TT01 109_0.5	0.5	12/03/2021	ES2108912	SS	<5	-	<1	-	7	-	22	-	18	-	<0.1	-	9	-	34	-	-
TT01 109	TT01 109_0.5	0.5	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
TT01 109	TT01 109_1.0	1	12/03/2021	ES2108912	SS	<5	-	<1	-	8	-	28	-	53	-	<0.1	-	9	-	70	-	-
TT01 109	TT01 109_1.0	1	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 114	TT01 114_0.5	0.5	30/03/2021	ES2112167	SS	7	-	<1	-	21	-	17	-	51	-	0.2	-	6	-	110	-	-
TT01 114	TT01 114_1.0	1	30/03/2021	ES2112167	SS	9	-	<1	-	16	-	23	-	52	-	0.2	-	15	-	89	-	-
TT01 117	TT01 117_0.5	0.5	16/03/2021	ES2109379	SS	<5	-	<1	-	11	-	<5	-	14	-	<0.1	-	4	-	37	-	-
TT01 126	TT01 126_0.5	0.5	5/05/2021	ES2117097	SS	<5	-	<1	-	10	-	8	-	24	-	<0.1	-	6	-	47	-	-
TT01 143	TT01 143_1.0	1	27/04/2021	ES2115695	SS	<5	-	<1	-	2	-	7	-	73	-	0.2	-	<2	-	101	-	-
TT01 143	TT01 143_2.0	2	27/04/2021	ES2115695	SS	<5	-	<1	-	17	-	30	-	31	-	<0.1	-	12	-	67	-	-
TT01 147	TT01 147_0.5	0.5	19/03/2021	ES2110034	SS	<5	-	<1	-	7	-	9	-	20	-	<0.1	-	5	-	27	-	-
TT01 147	TT01 147_0.5	0.5	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_1.0	1	3/05/2021	ES2116789	SS	12	-	<1	-	16	-	59	-	134	-	0.1	-	18	-	298	-	<0.5
TT01 152	TT01 152_1.0	1	3/05/2021	ES2116789	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_2.0	2	3/05/2021	ES2116789	SS	8	-	<1	-	23	-	91	-	147	-	0.1	-	30	-	423	-	<0.5
TT01 152	TT01 152_2.0	2	3/05/2021	ES2116789	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_3.0	3	3/05/2021	ES2116789	SS	12	-	1	-	30	-	57	-	279	-	0.3	-	118	-	1,370	-	-
TT01 154	TT01 154_1.0	1	30/03/2021	ES2111722	SS	<5	-	<1	-	8	-	8	-	17	-	<0.1	-	5	-	57	-	<0.5
TT01 170	TT01 170_0.5	0.5	15/03/2021	ES2109145	SS	<5	-	<1	-	8	-	47	-	37	-	<0.1	-	5	-	71	-	-
TT01 170	TT01 170_0.5	0.5	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 170	TT01 170_1.0	1	15/03/2021	ES2109145	SS	<5	-	<1	-	6	-	41	-	32	-	<0.1	-	5	-	63	-	-
TT01 170	TT01 170_1.0	1	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5
TT01 178	TT01 178_1.0	1	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	<100	-	-	-
TT01 193	TT01 193_0.5	0.5	31/03/2021	ES2112167	SS	6	-	<1	-	8	-	17	-	52	-	<0.1	-	13	-	137	-	-
TT01 193	TT01 193_1.0	1	31/03/2021	ES2112167	SS	7	-	<1	-	6	-	15	-	41	-	<0.1	-	5	-	71	-	-
TT01 201	TT01 201_0.5	0.5	14/04/2021	ES2113964	SS	<5	-	<1	-	47	-	25	-	8	-	<0.1	-	39	-	39	-	<0.5
TT01 212	TT01 212_0.5	0.5	28/04/2021	ES2116067	SS	<5	-	<1	-	12	-	7	-	13	-	<0.1	-	13	-	80	-	-

Statistics

Number of Results	254	9	254	9	254	9	254	9	254	17	254	9	254	14	254	9	54
Number of Detects	50	0	7	0	253	0	237	1	254	6	25	0	243	2	251	8	0
Minimum Detect	2.1	ND	1	ND	2	ND	5	100	5	100	0.1	ND	2	100	11	100	ND
Maximum Concentration	28	<100	20	<50	73	<100	259	100	598	2,600	0.3	<1	118	100	1,370	500	<0.5
Standard Deviation *	3.4	0	1.5	0	9.3	0	27	17	65	622	0.037	0	11	18	112	124	0
95% UCL (Student's-t) *	3.99	50	0.796	25	13.99	50	26.86	65.89	45.58	531	0.0643	0.5	11.76	65.74	80.82	282.2	0.25

* A Non Detect Multiplier of 0.5 has been applied.

Comments
#3 Reported Analyte LOR is higher than Requested Analyte LOR

Environmental Standards
CRC Care, CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)
CRC Care, CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)

							Organochlorine Pesticides											Organophosphorous		PCBs	Perfluoroalkane		PFAS						Asbestos	
							Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS		Sum of PFAS		Sum of PFAS (PFOS + PFOA)	Asbestos fibres	Asbestos Type
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	-	-
EQL							0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	50	0.05	0.05	0.2	0.05	0.1	0.0002	0.01	0.0002	0.01	0.0002	0.01	0.005	0.1	
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	includes NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL- Sand							45	530				3,600		2,000,000	100	50			7									
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																					50		20						
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
CRC Care 2011 Table 4 HSL-D Commercial / Industrial (Direct Contact)																													
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 2 to <4m - SAND																													
CRC Care 2011 Table B3 Intrusive Workers (Shallow Trench) 0 to <2m - SAND																													
CRC Care 2011 Table B4 Intrusive Maintenance Worker (Direct Contact)																													
Airport Regulations 1997 - General soil							50		250	250	250	1,000		20			50			50									
Location Code	Field ID	Depth	Date	Lab Report Number	Matrix Description																										
TEA2 3	TEA2 3_0.5	0.5	27/01/2021	ES2102834	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA3 1	TEA3 1_0.5	0.5	28/04/2021	ES2116067	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA3 4	TEA3 4_2.0	2	21/04/2021	ES2115147	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	2.5	-	-	-	-	-	-	-	-	No	-
TEA3 5	TEA3 5_0.5	0.5	20/04/2021	ES2115147	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA3 6	TEA3 6_0.5	0.5	12/05/2021	ES2117739	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA3 6	TEA3 6_0.5	0.5	12/05/2021	ES2119531	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 6	TEA3 6_1.0	1	12/05/2021	ES2117739	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 7	TEA3 7_1.0	1	19/04/2021	ES2114835	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA3 7	TEA3 7_2.0	2	19/04/2021	ES2114835	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA3 9	TEA3 9_0.5	0.5	21/04/2021	ES2115147	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA3 9	TEA3 9_0.5	0.5	26/04/2021	ES2116856	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 9	TEA3 9_1.0	1	21/04/2021	ES2115147	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA3 9	TEA3 9_1.0	1	26/04/2021	ES2116856	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 8	TEA5 8_0.5	0.5	23/04/2021	ES2115305	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA5 8	TEA5 8_1.0	1	23/04/2021	ES2115305	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 2	TEA10 2_0.5	0.5	12/04/2021	ES2113549	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 2	TEA10 2_1.0	1	12/04/2021	ES2113549	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 2	TEA10 2_2.0	2	12/04/2021	ES2113549	SS	<0.25[1]	<0.25[1]	<0.25[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.25[1]	<250[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	<0.1	-	-	-	-	-	-	-	-	-	No	-
TEA10 2	TEA10 2_3.0	3	12/04/2021	ES2113549	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0007	-	0.0007	-	-	No	-
TEA10 3	TEA10 3_0.2	0.2	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 3	TEA10 3_0.2	0.2	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 3	TEA10 3_0.5	0.5	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 3	TEA10 3_0.5	0.5	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 3	TEA10 3_1.0	1	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 3	TEA10 3_1.0	1	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 4	TEA10 4_0.2	0.2	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 4	TEA10 4_0.2	0.2	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 4	TEA10 4_0.5	0.5	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA10 4	TEA10 4_0.5	0.5	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 6	TEA10 6_0.5	0.5	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 6	TEA10 6_0.5	0.5	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 6	TEA10 6_1.0	1	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 7	TEA10 7_0.5	0.5	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 7	TEA10 7_1.0	1	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA10 8	TEA10 8_0.2	0.2	11/03/2021	ES2108912	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 8	TEA10 8_0.5	0.5	11/03/2021	ES2108912	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 8	TEA10 8_1.0	1	11/03/2021	ES2108912	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 9	TEA10 9_0.5	0.5	30/03/2021	ES2112167	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA10 9	TEA10 9_1.0	1	30/03/2021	ES2112167	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0005[4]	-	<0.0005[4]	-	<0.0005[4]	-	-	No	-
TEA11 4	QA202_180521	2	18/05/2021	ES2118640	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0005	-	0.0005	-	-	-	-
TEA11 4	QA202A_180521		18/05/2021	799602	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0005	-	<0.0005	-	<0.0005	-	-	<0.005	-
TEA11 4	TEA11 4_1.0	1	18/05/2021	ES2118640	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA11 4	TEA11 4_1.0	1	18/05/2021	ES2121094	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA11 4	TEA11 4_2.0	2	18/05/2021	ES2118640	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0012	-	0.0012	-	-	No	-
TEA11 4	TEA11 4_2.0	2	18/05/2021	ES2121094	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0003	<0.01	0.0023	<0.01	0.0026	<0.01	-	-	-	-
TEA11 5	TEA11 5_0.5	0.5	23/06/2021	ES2123456	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA11 5	TEA11 5_1	1	23/06/2021	ES2123456	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA11 6	QA05_100321	0.5	10/03/2021	ES2108584	SS	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	-	-	-
TEA11 6	QA05A_100321	0.5	10/03/2021	780150	SS	<0.5	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<5	<0.5	-	-	-	-	-	-	-	-	-	-	-
TEA11 6	TEA11 6_0.5	0.5	10/03/2021	ES2108584	SS	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	-	No	-
TEA11 6	TEA11 6_0.5 - TCLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA11 7	TEA11 7_0.5	0.5	5/05/2021	ES2117097	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA11 7	TEA11 7_1.0	1	5/05/2021	ES2117097	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA11 8	TEA11 8_0.5	0.5	11/03/2021	ES2108912	SS	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	-	No	-
TEA11 8	TEA11 8_0.5	0.5	11/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA11 9	TEA11 9_0.2	0.2	10/03/2021	ES2108584	SS	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	-	No	-
TEA11 9	TEA11 9_0.5	0.5	10/03/2021	ES2108584	SS	<0.25[1]	<0.08[1]	<0.08[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.08[1]	<0.25[1]	<150[1]	<0.25[1]	<0.25[1]	<1.0[1]	<0.25[1]	-	-	-	-	-	-	-	-	-	No	-
TEA11 9	TEA11 9_0.5 - ASLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA11 9	TEA11 9_0.5 - TCLP	0.5	10/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA11 9	TEA11 9_1.0 - ASLP	1	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA11 9	TEA11 9_1.0 - TCLP	1	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA12 1	TEA12 1_0.5	0.5	4/05/2021	ES2116789	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA12 1	TEA12 1_1.0	1	4/05/2021	ES2116789	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 2	TEA13 2_0.5	0.5	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 2	TEA13 2_1.0	1	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 3	TEA13 3_0.5	0.5	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 3	TEA13 3_1.0	1	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 4	TEA13 4_0.5	0.5	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 4	TEA13 4_1.0	1	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 4	TEA13 4_1.0	1	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA13 5	TEA13 5_0.5	0.5	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 5	TEA13 5_1.0	1	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 6	TEA13 6_0.5	0.5	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 6	TEA13 6_1.0	1	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 7	TEA13 7_0.5	0.5	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 7	TEA13 7_1.0	1	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 8	TEA13 8_0.5	0.5	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 8	TEA13 8_1.0	1	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 9	TEA13 9_0.5	0.5	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA13 9	TEA13 9_1.0	1	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA14 1	TEA14 1_0.5	0.5	27/01/2021	ES2102834	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA14 1	TEA14 1_1.0	1	27/01/2021	ES2102834	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA14 2	TEA14 2_0.5	0.5	19/04/2021	ES2114835	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA14 2	TEA14 2_1.0	1	19/04/2021	ES2114835	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA14 2	TEA14 2_1.0	1	19/04/2021	ES2114835	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA14 2	TEA14 2_2.0	2	19/04/2021	ES2114835	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA14 3	TEA14 3_0.5	0.5	27/01/2021	ES2102834	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	No	-
TEA14 3	TEA14 3_1.0	1	27/01/2021	ES2102834	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA14 4	TEA14 4_0.5	0.5	19/04/2021	ES2114835	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA14 4	TEA14 4_1.0	1	19/04/2021	ES2114835	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA14 4	TEA14 4_1.0	1	19/04/2021	ES2114835	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA14 4	TEA14 4_2.0	2	19/04/2021	ES2114835	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA15 1	TEA15 1_0.5	0.5	29/03/2021	ES2111722	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA15 1	TEA15 1_1.0	1	29/03/2021	ES2111722	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA15 2	TEA15 2_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 2	TEA15 2_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 3	TEA15 3_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 3	TEA15 3_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 4	TEA15 4_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 4	TEA15 4_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 5	TEA15 5_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 5	TEA15 5_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 6	TEA15 6_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 6	TEA15 6_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 7	TEA15 7_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 7	TEA15 7_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 8	TEA15 8_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 8	TEA15 8_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 9	TEA15 9_0.5	0.5	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA15 9	TEA15 9_1.0	1	29/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA16 1	TEA16 1_0.5	0.5	12/05/2021	ES2117739	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	-	No	-
TEA16 1	TEA16 1_0.5 - TCLP	0.5	12/05/2021	ES2117739	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

						Organochlorine Pesticides											Organophosphorous		PCBs	Perfluoroalkane		PFAS					Asbestos	
						Aldrin	Aldrin + Dieldrin	Chlordane	Chlordane (cis)	Chlordane (trans)	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin	Heptachlor	Monocrotophos	Prothiofos	PCBs (Sum of total)	Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)	Sum of PFHxS and PFOS	Sum of PFAS		Sum of PFAS (PFOS + PFOA)	Asbestos fibres	Asbestos Type
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	mg/kg	µg/L	mg/kg	µg/L	mg/kg	-	-
TEA3 28	TEA3 28_0.5	0.5	14/04/2021	ES2113964	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA3 28	TEA3 28_0.5	0.5	14/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA3 29	TEA3 29_0.2	0.2	26/04/2021	ES2115661	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA3 29	TEA3 29_0.5	0.5	26/04/2021	ES2115661	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA3 29	TEA3 29_1.0	1	26/04/2021	ES2115661	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA5 13	TEA5 13_1.0	1	22/04/2021	ES2115305	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA5 13	TEA5 13_2.0	2	22/04/2021	ES2115305	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	<0.0002	-	-	No	-
TEA5 16	TEA5 16_0.5	0.5	14/04/2021	ES2113964	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA5 17	TEA5 17_0.5	0.5	14/04/2021	ES2113964	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA5 17	TEA5 17_0.5	0.5	14/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA5 21	TEA5 21_0.5	0.5	19/04/2021	ES2114835	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA5 28	TEA5 28_0.5	0.5	14/04/2021	ES2113964	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA5 30	TEA5 30_0.5	0.5	23/04/2021	ES2115305	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA5 30	TEA5 30_1.0	1	23/04/2021	ES2115305	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA5 30	TEA5 30_1.0	1	23/04/2021	ES2116856	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	TEA10 10_0.5	0.5	16/03/2021	ES2109379	SS	<0.25[#]	<0.08[#]	<0.08[#]	<0.25[#]	<0.25[#]	<1.0[#]	<0.08[#]	<0.25[#]	<150[#]	<0.25[#]	<0.25[#]	<1.0[#]	<0.25[#]	-	-	-	-	-	-	-	-	No	-
TEA10 10	TEA10 10_0.5	0.5	16/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 10	TEA10 10_1.0	1	16/03/2021	ES2109379	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 10	TEA10 10_1.0	1	16/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 11	TEA10 11_0.5	0.5	18/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 11	TEA10 11_0.5	0.5	18/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 11	TEA10 11_1.0	1	18/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA10 12	TEA10 12_0.5	0.5	19/03/2021	ES2110034	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 12	TEA10 12_1.0	1	19/03/2021	ES2110034	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA10 12	TEA10 12_1.7	1.7	19/03/2021	ES2110034	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TEA10 12	TEA10 12_1.7	1.7	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_0.5	0.5	19/03/2021	ES2110034	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 13	TEA10 13_0.5	0.5	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 13	TEA10 13_1.0	1	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 15	TEA10 15_0.5	0.5	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 15	TEA10 15_1.0	1	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.1	-	-	-	-	-	-	-	-	No	-
TEA10 15	TEA10 15_2.0	2	17/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA10 15	TEA10 15_2.0	2	17/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 16	TEA10 16_1.0	1	26/03/2021	ES2111159	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA10 16	TEA10 16_2.0	2	26/03/2021	ES2111159	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA10 18	QA21_260321		26/03/2021	ES2111159	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	-	-	-
TEA10 18	TEA10 18_0.5	0.5	26/03/2021	ES2111159	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 18	TEA10 18_1.0	1	26/03/2021	ES2111159	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 18	TEA10 18_1.8	1.8	26/03/2021	ES2111834	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TEA10 19	TEA10 19_0.5	0.5	12/04/2021	ES2113549	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 19	TEA10 19_1.0	1	12/04/2021	ES2113549	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 19	TEA10 19_1.0	1	12/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 19	TEA10 19_2.0	2	12/04/2021	ES2113549	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.1	<0.0002	-	0.0007	-	0.0007	-	-	-	-	No	-
TEA10 19	TEA10 19_2.0	2	12/04/2021	ES2115955	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 20	TEA10 20_0.5	0.5	12/03/2021	ES2108912	SS	<0.25[#]	<0.08[#]	<0.08[#]	<0.25[#]	<0.25[#]	<1.0[#]	<0.08[#]	<0.25[#]	<150[#]	<0.25[#]	<0.25[#]	<1.0[#]	<0.25[#]	-	-	-	-	-	-	-	-	No	-
TEA10 20	TEA10 20_0.5	0.5	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 21	TEA10 21_0.5	0.5	12/03/2021	ES2108912	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 22	TEA10 22_0.5	0.5	12/03/2021	ES2108912	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 23	QA21A_260321	0.2	26/03/2021	784074	SS	<0.5	<0.5	<1	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<5	-	<1	-	-	-	-	-	-	-	-	-
TEA10 23	TEA10 23_0.2	0.2	26/03/2021	ES2111834	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 23	TEA10 23_0.5	0.5	26/03/2021	ES2111159	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TEA10 26	TEA10 26-0.5	0.5	27/01/2021	ES2104068	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEA10 26	TEA10 26_0.5	0.5	27/01/2021	ES2102834	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT02 2	TT02 2_0.2	0.2	8/04/2021	ES2112831	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT02 2	TT02 2_0.2	0.2	8/04/2021	ES2114501	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 2	TT02 2_0.5	0.5	8/04/2021	ES2112831	SS	<0.05	<0.05	0.22	<0.05	0.22	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT02 2	TT02 2_1.0	1	8/04/2021	ES2112831	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT02 4	TT02 4_0.2	0.2	3/05/2021	ES2116789	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 40	TT01 40 0.5	0.5	12/03/2021	ES2108912	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 40	TT01 40 0.5	0.5	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 43	TT01 43_1.0	1	3/05/2021	ES2116789	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 43	TT01 43_1.0	1	3/05/2021	ES2118682	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 43	TT01 43_2.0	2	3/05/2021	ES2116789	SS	<0.05	<0.05	0.26	0.11	0.15	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 43	TT01 43_2.0	2	3/05/2021	ES2118682	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 43	TT01 43_3.0	3	3/05/2021	ES2118682	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 49	TT01 49_0.5	0.5	3/05/2021	ES2116789	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 49	TT01 49_1.0	1	3/05/2021	ES2116789	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 52	TT01 52_0.5	0.5	19/03/2021	ES2110034	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 52	TT01 52_0.5	0.5	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 54	TT01 54_0.5	0.5	28/04/2021	ES2116067	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 62	TT01 62_1.0	1	23/04/2021	ES2115558	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 62	TT01 62_2.0	2	23/04/2021	ES2115558	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 63	TT01 63_0.5	0.5	12/03/2021	ES2108912	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 63	TT01 63_1.0	1	12/03/2021	ES2108912	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 73	TT01 73_1.0	1	12/05/2021	ES2117739	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 75	QA24_300321	3	30/03/2021	ES2111722	SS	<0.05	0.06	<0.05	<0.05	<0.05	<0.2	<0.05	0.06	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0008	-	0.0008	-	-	-	-
TT01 75	TT01 75_0.5	0.5	30/03/2021	ES2111722	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 75	TT01 75_0.5	0.5	30/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 75	TT01 75_1.0	1	30/03/2021	ES2111722	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 75	TT01 75_1.0	1	30/03/2021	ES2113179	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 79	TT01 79_0.2	0.2	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 79	TT01 79_0.2	0.2	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 79	TT01 79_0.5	0.5	15/03/2021	ES2109145	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 94	TT01 94_0.5	0.5	18/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	<0.0002	-	<0.0002	-	-	No	-
TT01 94	TT01 94_0.5	0.5	18/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 94	TT01 94_1.0	1	18/03/2021	ES2109922	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.1	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 95	TT01 95_0.5	0.5	24/06/2021	ES2123787	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 95	TT01 95_1	1	24/06/2021	ES2123787	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT02 13	TT02 13_1.0	1	18/05/2021	ES2118640	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT02 13	TT02 13_2.0	2	18/05/2021	ES2118640	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	0.0003	-	0.0025	-	0.0212	-	-	No	-
TT02 13	TT02 13_3.0	3	18/05/2021	ES2118640	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT02 14	TT02 14_0.5	0.5	9/03/2021	ES2108584	SS	<0.25[#]	<0.08[#]	<0.08[#]	<0.25[#]	<0.25[#]	<1.0[#]	<0.08[#]	<0.25[#]	<150[#]	<0.25[#]	<0.25[#]	<1.0[#]	<0.25[#]	-	-	-	-	-	-	-	-	No	-
TT02 14	TT02 14_0.5	0.5	9/03/2021	ES2108584	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14_0.5 - ASLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 14	TT02 14_0.5 - TCLP	0.5	9/03/2021	ES2110368	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT02 16	TT02 16_2.0	2	3/05/2021	ES2116789	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 109	TT01 109_0.5	0.5	12/03/2021	ES2108912	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 109	TT01 109_0.5	0.5	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 109	TT01 109_1.0	1	12/03/2021	ES2108912	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 109	TT01 109_1.0	1	12/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 114	TT01 114_0.5	0.5	30/03/2021	ES2112167	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 114	TT01 114_1.0	1	30/03/2021	ES2112167	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 117	TT01 117_0.5	0.5	16/03/2021	ES2109379	SS	<0.05	<0.05	0.14	<0.05	0.14	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 126	TT01 126_0.5	0.5	5/05/2021	ES2117097	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 143	TT01 143_1.0	1	27/04/2021	ES2115695	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	0.06	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 143	TT01 143_2.0	2	27/04/2021	ES2115695	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 147	TT01 147_0.5	0.5	19/03/2021	ES2110034	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	-	-	-	-	-	-	-	-	No	-
TT01 147	TT01 147_0.5	0.5	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_1.0	1	3/05/2021	ES2116789	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	<0.0002	-	0.0006	-	0.0006	-	-	No	-
TT01 152	TT01 152_1.0	1	3/05/2021	ES2116789	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_2.0	2	3/05/2021	ES2116789	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 152	TT01 152_2.0	2	3/05/2021	ES2116789	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 152	TT01 152_3.0	3	3/05/2021	ES2116789	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 154	TT01 154_1.0	1	30/03/2021	ES2111722	SS	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<50	<0.05	<0.05	<0.2	<0.05	<0.1	-	-	-	-	-	-	-	No	-
TT01 170	TT01 170_0.5	0.5	15/03/2021	ES2109145	SS	<0.25[#]	<0.08[#]	<0.08[#]	<0.25[#]	<0.25[#]	<1.0[#]	<0.08[#]	<0.25[#]	<150[#]	<0.25[#]	<0.25[#]	<1.0[#]	<0.25[#]	-	-	-	-	-	-	-	-	No	-
TT01 170	TT01 170_0.5	0.5	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 170	TT01 170_1.0	1	15/03/2021	ES2109145	SS	<0.25[#]	<0.08[#]	<0.08[#]	<0.25[#]	<0.25[#]	<1.0[#]	<0.08[#]	<0.25[#]	<150[#]	<0.25[#]	<0.25[#]	<1.0[#]	<0.25[#]	-	-	-	-	-	-	-	-	No	-
TT01 170	TT01 170_1.0	1	15/03/2021	ES2111289	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 178	TT01 178_1.0	1	19/03/2021	ES2113017	SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TT01 193	TT01 193_0.5	0.5	31/03/2021	ES2112167	SS	<0.05	<0.05	<0.05

APPENDIX C

UNEXPECTED FINDS PROTOCOL

UNEXPECTED CONTAMINATED LAND AND ASBESTOS FINDS MANAGEMENT PROCEDURE

MANAGEMENT AND RESPONSIBILITY

INDUCTION/ TOOLBOX TALKS
All personnel are to receive Project/ Site Inductions and on-going training via Toolbox Talks which will include requirements of this procedure

Environment Coordinator
Site Supervisor
All personnel

NO EVIDENCE OF CONTAMINATION OBSERVED
If observations do not indicate the presence of potential contamination, then excavation works continue.

EVIDENCE OF UNEXPECTED CONTAMINATION OBSERVED

IF OBSERVATIONS INDICATE PRESENCE OF POTENTIAL UNEXPECTED CONTAMINATION THEN STOP ALL WORK IN THE IMMEDIATE AREA AND PREVENT FURTHER ACTIVITY IN THE AREA. NOTIFY THE SITE SUPERVISOR AND ENVIRONMENT CO-ORDINATOR AND CORDON OFF AREA.

Site Supervisor
Site Engineer
Project Manager
Lead Safety Manager (to be notified)

- Do not touch or disturb the item/ material. Ensure relevant PPE is being worn.
- Delineate the find from the rest of the worksite and install signage
- Initial notification to TfNSW, ER/AEO, JH HSE, Environment and Community Teams
- Inform the Project Manager regarding the potential contamination find. The following detail should be provided:
  - The location of the potential contamination
  - Odor (if any)
  - Depth
  - Surrounding material and works being undertaken at the time of discovering the material
  - Visual appearance

ADDITIONAL ASSESSMENT
If required, the Project Manager is to obtain assistance from a suitably qualified environmental scientist/ engineer in identifying the potential hazard to human health or the environment in accordance with NSW regulatory requirements; this may include sampling and laboratory analysis.

Site Supervisor
Site Engineer
Project Manager
Lead Safety Manager (to be notified)
Project Environment Manager (to be notified)

MANAGEMENT STRATEGY - STATE
- Develop a plan for managing and/or re-mediating the suspect material. If required, develop/update a Remediation Action Plan (RAP). **HOLD POINT** – RAP (if required) needs to be submitted 5 days prior.
- Environment Manager to notify TfNSW and ER
- Obtain any necessary approval(s) including any approvals from the Site Auditor.

MANAGEMENT STRATEGY - COMMONWEALTH
- Develop a plan for managing and/or re-mediating the suspect material. If required, develop/update a Remediation Action Plan (RAP). **HOLD POINT** – RAP (if required) needs to be submitted 5 days prior.
- Environment Manager to notify TfNSW and AEO
- Obtain any necessary approval(s) including any approvals from the Site Auditor.

Project Manager
Lead Safety Manager
Project Environment Manager

STRATEGY IMPLEMENTATION
- If the material is to be removed waste classification is to be undertaken in accordance with the NSW Waste Classification Guidelines (EPA2014) and disposal at a facility licensed to accept the class of waste.
- If the material will be remediated onsite, to be done in accordance with RAP, Contamination Management Plan and any other relevant requirements.
- Document compliance with the approved management and remediation provide relevant documentation to the disposal site and the regulator (if required).

Environment Coordinator
Site Supervisor
Site Engineer

RE-COMMENCEMENT OF WORKS
Once the contamination find has been addressed the Project Manager is to approve re-commencement of works in the vicinity of the remediation site. Depending on the nature and extent of contamination, validation may be required by the site auditor and/or contamination consultant.

Project Manager

Report to Comcare
5 days Prior to Removal

CONTINUE WITH ACTIVITY

General Indicators of Contamination

- Asbestos cement fragments or other potentially asbestos containing materials
- Odorous or stained soil
- Buried chemical drums or containers
- Presence of waste materials or building debris
- Tarry or ashy material
- Brightly or unusually coloured material
- A yellow and/ or red mottling in the soil profile indicates there may be Acid Sulfate Soils (ASS)

Asbestos

An unexpected find occurs when ACMs not identified in the Asbestos Register is found on site. In the event of an unexpected find the below steps are to be followed:

1. The area is to be demarcated, works in the area to cease and workers warned
2. Notify the Site Supervisor, The Site Supervisor will notify the Project Manager
3. Control dust by with dust suppression i.e. water cart, wetting down the area
4. Arrange for testing of the suspected ACM and monitoring of the area (if required)
5. An asbestos removalist is to be engaged to provide recommendations to treat the area, as required
6. The area is to be made safe

Asbestos finds are to be managed in accordance with the Project WHS Management Plan

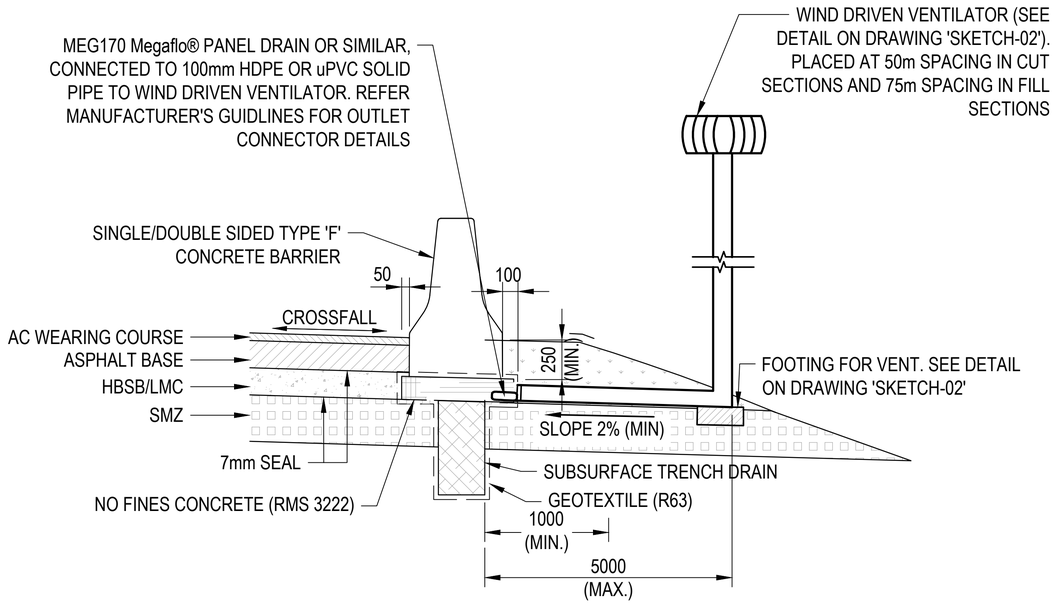
Documentation

The below documentation may be relevant to this unexpected contamination finds procedure:

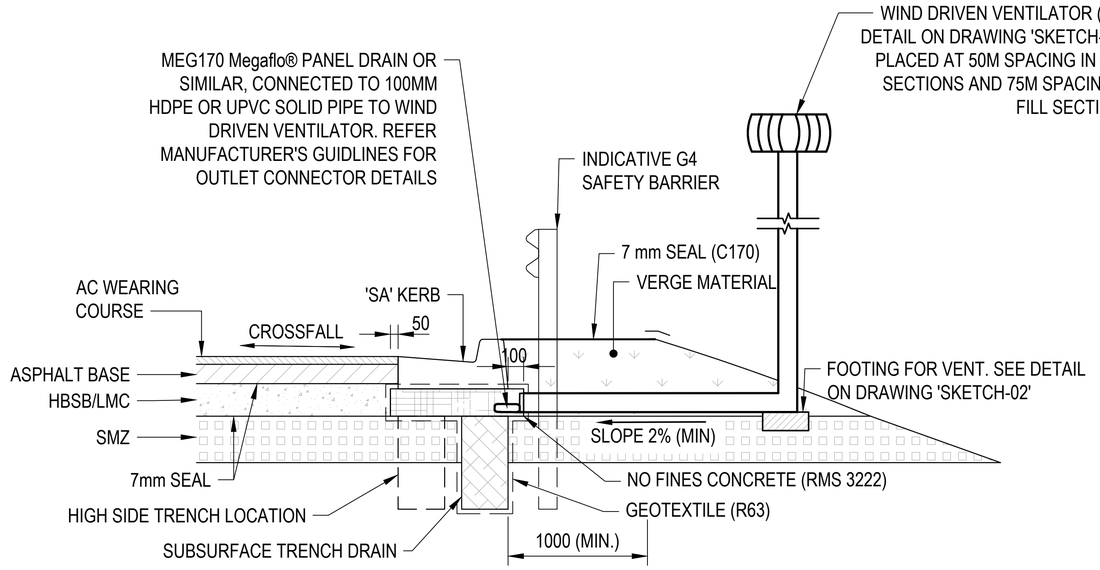
- JHSW Project WHS Plan (which includes asbestos management);
- JHSW Contamination Management Plan
- RMS G36 Environmental Protection - Section 4.2
- TfNSW Publication – Guideline for the Management of Contamination September 2013
- TfNSW Environment Fact Sheet – Asbestos Waste
- Environmental Incident Classification and Reporting Procedure RMS November 2018
- Voluntary Remediation Agreement (VRA) No. 26050
- The licensed asbestos removalist must notify the state/territory and commonwealth regulator (Comcare) as follows:
  - in writing at least 5 days before works commences
  - immediately over the phone in the case of emergency removal work (must be followed up in writing 24 hours of the phone notification)

APPENDIX D

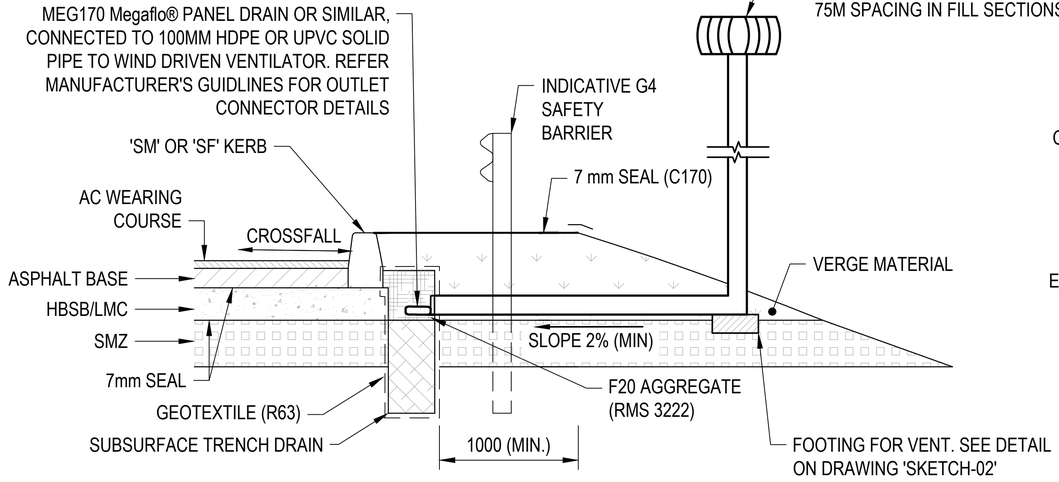
GAS MITIGATION CONCEPT DESIGN



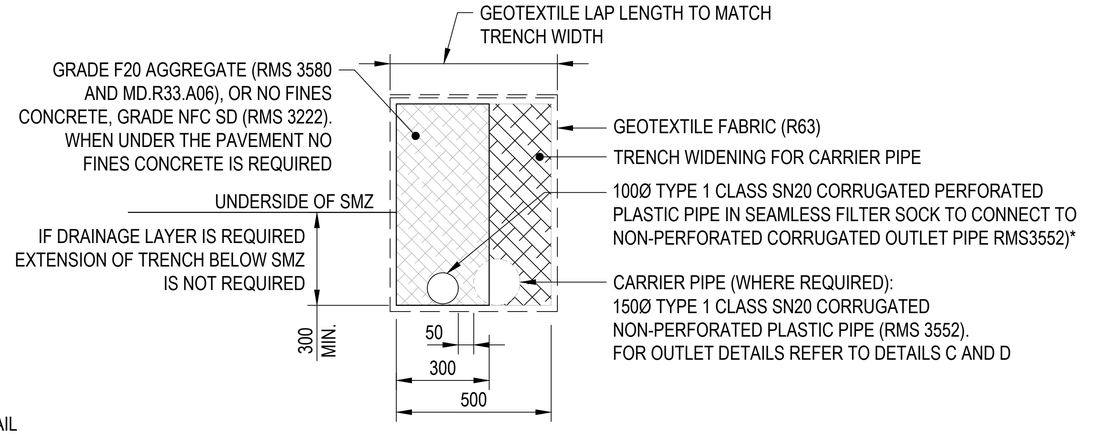
TYPICAL TRENCH DRAIN UNDER
HIGH / LOW SIDE TYPE 'F' BARRIER



TRENCH DRAIN UNDER HIGH / LOW SIDE
'SA' KERB ABUTTING NEW / WIDENED PAVEMENTS



TRENCH DRAIN UNDER HIGH / LOW SIDE
'SM' OR 'SF' KERB EDGE DETAIL



PAVEMENT SUBSURFACE TRENCH DRAIN
WRAPPED IN GEOTEXTILE

NOTES:

*A PIPE IS NOT REQUIRED FOR THE FULL LENGTH OF THE SUBSURFACE DRAINAGE TRENCH EXCEPT IN CUTS; HOWEVER, A PIPE MUST BE PROVIDED FOR THE FINAL 5 m TO THE DRAIN OUTLET. THE FINAL 5 m OF CORRUGATED PERFORATED PIPE IS TO BE PLACED AT THE BASE OF THE TRENCH TO FACILITATE DRAINAGE OF WATER AT THE LOW END OF THE TRENCH (REFER TO SECTION 3 OF ROADS AND MARITIME SUBSURFACE DRAINAGE DRAWING TECHNICAL GUIDE: P-G-001, ED1 REV0 (30 JUNE 2014).

**WIND DRIVEN VENTILATOR TO BE HURRICANE H100 OR ENGINEER APPROVED EQUIVALENT

SKETCH

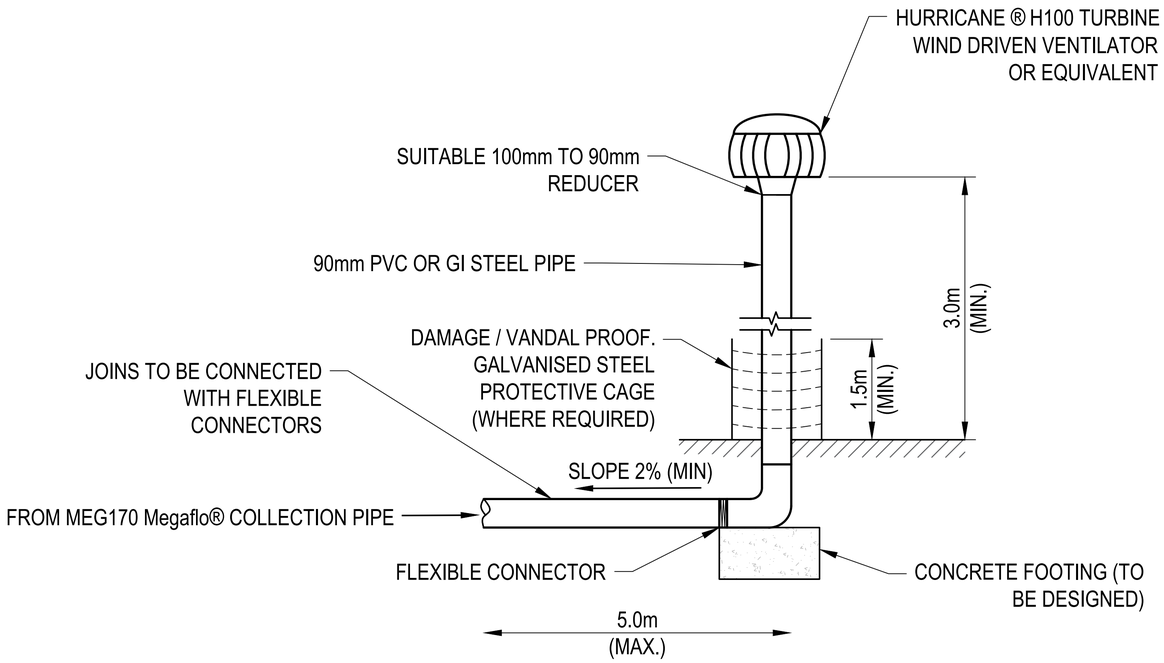
rev	description	drawn	approved	date
1	REVISION	JH	EW	08.06.21
0	ORIGINAL ISSUE	JH		

TETRA TECH COFFEY
www.tetratechcoffey.com

designed	EW
drawn	JH
checked	EW
approved	SG
date	27/05/21
scale at A1	NTS

client: JOHN HOLLAND SEYMOUR WHITE
project: SYDNEY GATEWAY
title: MOTORWAY GAS COLLECTION TRENCH DETAILS
project no: SYDGE273790
drawing no: SKETCH-01
rev 1

file name: SYDGE273790-SK.dwg file location: C:\Users\james.hadid\Desktop\EW Sketch printed: 8 June 2021 at 10:24 AM



HORIZONTAL DISTANCE OF VENT TO BE BASED ON OTHER REQUIRMENTS. HORIZONTAL LENGTHS >3m TO BE SUPPORTED IN THE MIDDLE BY A CONCRETE BLOCK (TO BE DESIGNED)

WIND DRIVEN VENT DETAIL

SKETCH

rev	description	drawn	approved	date
0	ORIGINAL ISSUE	JH		

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designed	EW
drawn	JH
checked	EW
approved	SG
date	27/05/21
scale at A1	NTS

client: JOHN HOLLAND SEYMOUR WHITE

project: SYDNEY GATEWAY

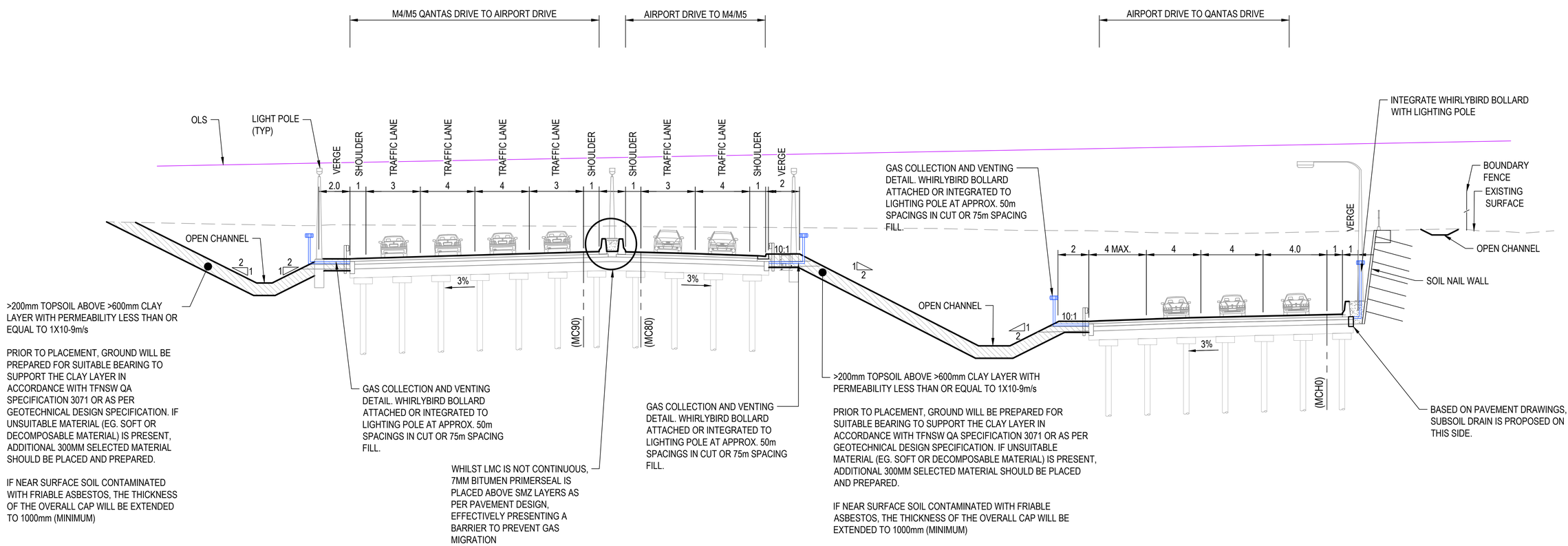
title: MOTORWAY TYPICAL DETAILS

project no: SYDGE273790

drawing no: SKETCH-02

rev 0

file name: SYDGE273790-SK.dwg file location: C:\Users\james.hadidi\Desktop\EW Sketch printed: 8 June 2021 at 11:29 AM



TYPICAL SECTION ON AIRPORT DRIVE THROUGH TEMPE TIP (CUT SECTION)
(MC90 @ APPROX. CH 860)

SKETCH

rev	description	drawn	approved	date
0	ORIGINAL ISSUE	JH		

TETRA TECH COFFEY
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designed	EW
drawn	JH
checked	EW
approved	SG
date	27/05/21
scale at A1	NTS

client: JOHN HOLLAND SEYMOUR WHITE
project: SYDNEY GATEWAY
title: MOTORWAY TYPICAL SECTIONS 1
project no: SYDGE273790
drawing no: SKETCH-03
rev 0

file name: SYDGE273790-SK.dwg file location: \\tts779fs1.tt.local\Data\1. Projects\4. SYD-GEOTECHNICS\11. SYDGE270000\SYDGE273790 Sydney Gateway\12. CAD\EW Sketch printed: 27 May 2021 at 3:01 PM

APPENDIX E

WASTE MOUND MATERIAL INSPECTION PROCEDURE

Our ref: PS123077-CLM-OBS-001 RevD

15 September 2021

Robert Muir
Environment, Approvals and Systainability Manager - Sydney Gateway Project
John Holland|Seymour Whyte Joint Venture
Building D, 10 Bourke Road
Mascot NSW 2020

Dear Robert

Gas Generation Potential Inspection Procedure - Waste Cell Materials, Former Tempe Tip (Sydney Gateway Project)

1. INTRODUCTION

This document presents a procedure for the visual assessment of materials to be placed within the waste cell to be constructed within the former Tempe Tip by JHSWJV as part of the Sydney Gateway Project. For further detail relating to the emplacement and validation of the materials refer to WSP (September 2021), *Remediation Action Plan, Former Tempe Landfill – Sydney Gateway Project* (the RAP).

The purpose of this procedure is to lay out an inspection program which seeks to limit the amount of degradable organic carbon being emplaced within the constructed waste mound or noise mound and therefore reduce the potential for ground gas generation to acceptable levels.

This document presents a flow chart designed to be followed in the field when undertaking the waste emplacement works. The key aspects driving the implementation of this procedure relate to the types of visible indicators of putrescible or organic wastes encountered during inspection and correlation with laboratory results which are discussed further in the RAP.

Note that this procedure has been developed to assess suitability of materials with regards to limiting the potential for ground gas generation only. During works it will be JHSWJVs responsibility to ensure that the materials are compositionally and geotechnically suitable for emplacement within the dedicated waste mound or noise mound.

2. GENERAL INSPECTION PROCEDURE

The inspections will be undertaken by a suitably trained individual (either the validation consultant or an appropriately trained project contractor). The inspector will inspect every load being transported to the cell and note down details of each load including date and time, whether the load was accepted or rejected and if rejected note down why and also the date and time the rejected load was removed from the area. The inspector will also note down date and time when samples are collected for laboratory analysis and take a photograph of the material being sampled.

Note that all observation and handling of waste must be undertaken in accordance with the agreed occupational hygiene requirements which have been enacted for the project.

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3. ACCEPTED MATERIALS

The majority of materials which are to be emplaced within the waste mound or noise mound are understood to comprise fill soils and construction and demolition waste. The soils may include sands, gravels, clays and silts and construction and demolition waste may comprise concrete, asphalt, brick steel, timber and other similar inclusions.

4. REJECTED MATERIALS

Waste which comprises putrescible wastes or other materials with high organic carbon content may occasionally be mixed in with the preferred wastes. These materials are generally required to be avoided as they pose a potential ground gas generation risk. No more than 5% of individual loads should comprise these materials. Wastes with a higher potential for ground gas production include those comprising:

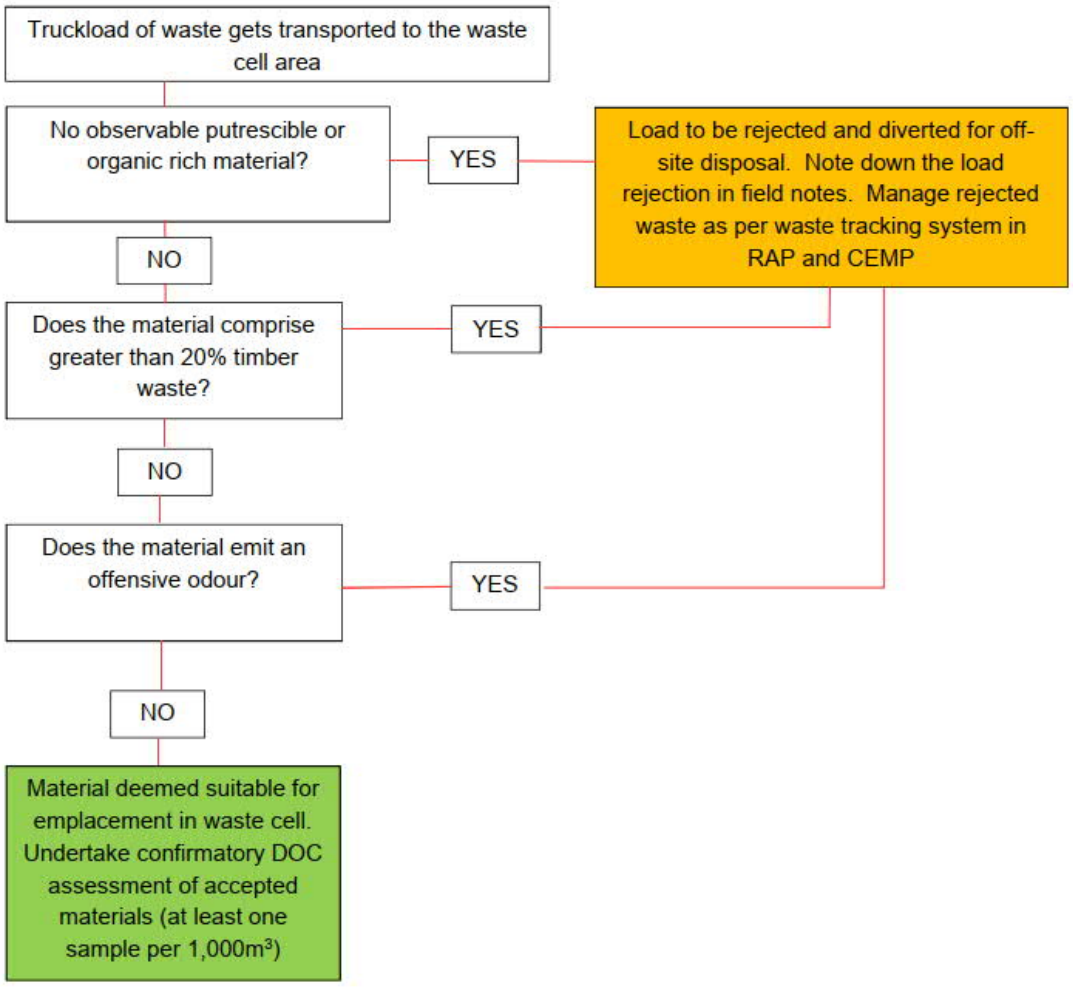
- General municipal solid waste.
- Food waste.
- Garden waste.
- Paper waste.
- Night soil, nappies and bed pan waste.

Secondary lines of evidence for putrescible material include:

- Contains organic matter capable of being decomposed.
- Omits offensive (strong putrid) odour.
- Evidence of significant decay.
- Higher than ambient temperatures suggestive of decomposition.

Timber also presents a potential risk for gas generation however, the higher lignin concentration makes carbon less accessible for degradation and therefore ground gas production. However, excessive volumes of wood are to be avoided. No more than 20% of individual loads should comprise timber waste.

5. FIELD OBSERVATION PROCEDURE PROCESS FLOW



6. CLOSING

We trust that this procedure meets your requirements. Should you have any queries please do not hesitate to contact Jonathon Hilliard on 0418 469 235.

Yours sincerely

Jonathon Hilliard
Principal Environmental Scientist

APPENDIX F

CUT/FILL AND STAGING PLAN

Cut Miscellaneous	Destination
CMC Spoil	Offsite
Piling Spoil	Offsite
Drainage	Fill 2B / Tempe Mound
Drainage Putrescible	Offsite

Cut 1	Fill location
Gravel	Fill 2B
Sandstone	Fill 1
Other	Fill 1
Rubble	Mound / Fill 1
Putrescible	Offsite

Cut 2	Fill location
Gravel	Fill 2A / 2B
Sandstone	Fill 2B / Noise Mound
Other	Noise Mound Tempe Mound
Rubble	Tempe Mound
Putrescible	Offsite

Cut 3	Fill location
Gravel	Fill 2A
Sandstone	Fill 2A
Other	-
Rubble	Mound / Fill 2A
Putrescible	Offsite

Cut 4	Fill location
Gravel	Tempe Mound
Sandstone	Tempe Mound
Other	-
Rubble	Tempe Mound
Putrescible	Offsite

Noise Mound
FILL 2B
Noise Mound
FILL 2A
CUT 1
STATE
CUT 2
FILL 1
Tempe Mound
CUT 3
CUT 4
FILL 3
FEDERAL

DRAWING FILE LOCATION / NAME:

MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING:

PLOT DATE/TIME: 26/08/2021 PLOT BY:

CLIENT: NSW GOVERNMENT Transport for NSW

LOCALITY:
ROAD NUMBER:
SYDNEY GATEWAY
Waste Classification
Earthworks Plan
SHEET DETAILS: SHEET 1 OF

A3

EXTERNAL REFERENCE FILES:	REV.	DATE:	AMENDMENT / REVISION DESCRIPTION:	WVR No.	APPROVAL:

SCALE ON A3 SIZED DRAWING: 1:2500

CO-ORDINATE SYSTEM: MGA 94 Zone 56 HEIGHT DATUM:

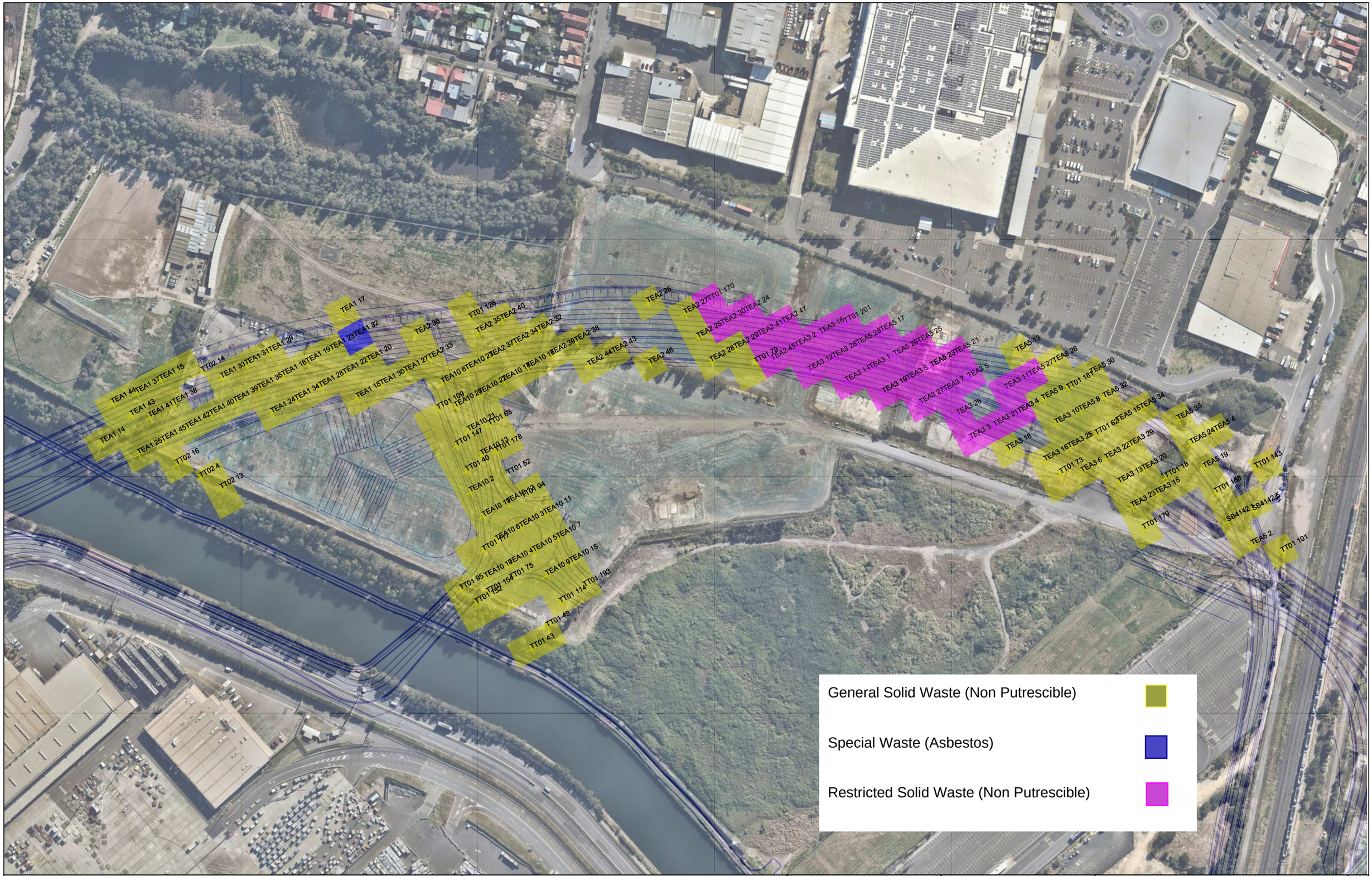
DRAWINGS / SURVEY PERFORMED BY: SYDNEY GATEWAY A Joint Venture Project JOHN HOLLAND SEYMOUR WHYTE

TITLE:	NAME:	DATE:
DRAWN:	Daniel Di Mattina	
DRG CHECK:		
SURVEY CHECK:		
DRG CHECK:		
DRG CHECK:		
DRG CHECK:		

PREPARED FOR:

RMS Registration No. PART:

ISSUE STATUS: EDMS No. SHEET No. 1 ISSUE:



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						CO-ORDINATE SYSTEM: HEIGHT DATUM: MGA 94 Zone 56		DRG CHECK: SURVEY CHECK: DRG CHECK: DRG CHECK: DRG CHECK:	SHEET DETAILS: SHEET 1 OF
									PREPARED FOR: RMS Registration No. PART:
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						CO-ORDINATE SYSTEM: MGA 94 Zone 56	HEIGHT DATUM:	DRG CHECK:		
								SURVEY CHECK:		
								DRG CHECK:		
								DRG CHECK:		
								DRG CHECK:		

CLIENT: NSW GOVERNMENT Transport for NSW

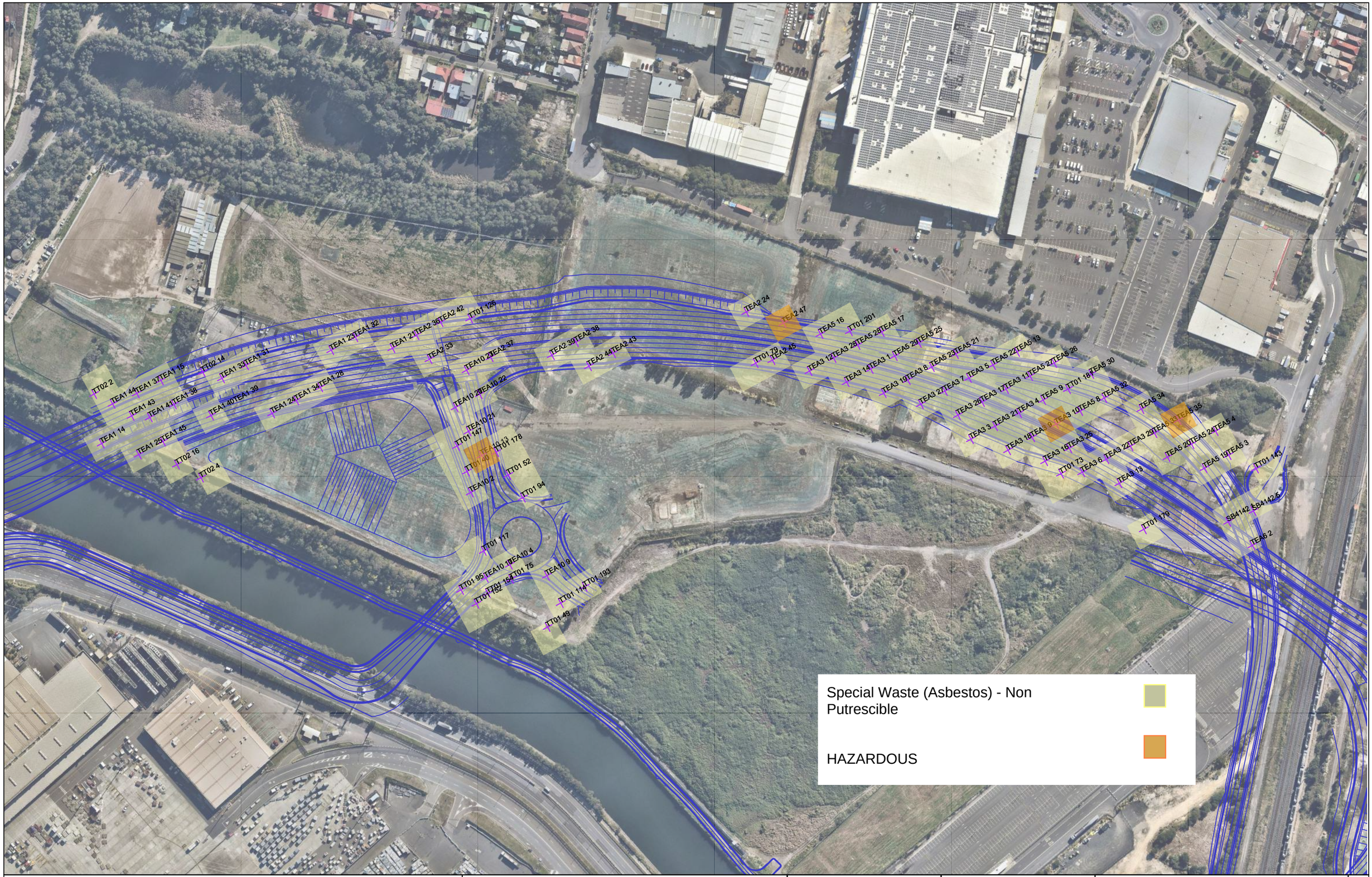
PREPARED FOR:

LOCALITY:
ROAD NUMBER:
Sydney Gateway
Waste Classification
SANDSTONE COVER
SHEET DETAILS: SHEET 1 OF

A3

RMS Registration No. | PART:

ISSUE STATUS: | EDMS No. | SHEET No. 1 | ISSUE:



Special Waste (Asbestos) - Non Putrescible

HAZARDOUS

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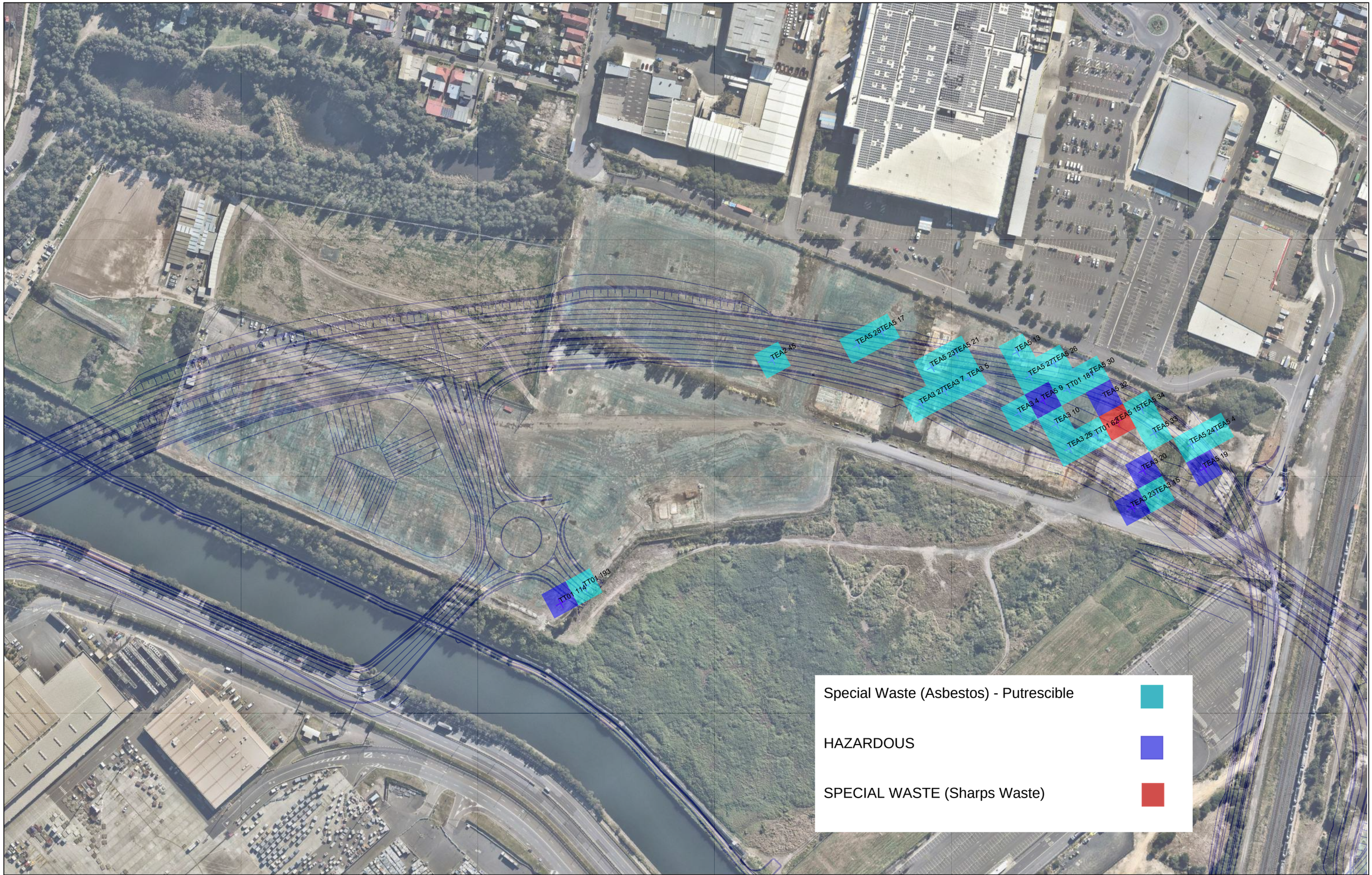

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						CO-ORDINATE SYSTEM: MGA 94 Zone 56 HEIGHT DATUM:		DRG CHECK: / SURVEY CHECK: / DRG CHECK: / DRG CHECK: / DRG CHECK:	PREPARED FOR:	RMS Registration No. PART:
										ISSUE STATUS: EDMS No. SHEET No. 1 ISSUE:

APPENDIX G

LEACHATE COLLECTION SYSTEM

PUMP STATION SCHEDULE

Station No	LOCATION E	LOCATION N	RL (mAHD)	IL (mAHD)	DEPTH	CHAINAGE	PUMP TYPE
NO 1	330860. 48	6244624. 26	3. 55	0. 80	2. 65	240	GLV 56
NO 2	330785. 33	6244464. 42	2. 10	−0. 61	2. 65	484	GLV 56
NO 3	330609. 69	6244368. 74	2. 00	−0. 49	2. 65	690	GLV 56
NO 4	330449. 00	6244248. 09	2. 02	−0. 58	2. 65	890	GLV 56
NO 5	330283. 69	6244137. 19	2. 13	−0. 57	2. 65	1088	GLV 56
NO 6	330192. 47	6244184. 08	2. 59	−0. 06	2. 65	1218	GL 56
SP7 *	330191. 32	6244183. 77	ELECTRICAL JUNCTION PIT				—
SP8 *	330189. 32	6244190. 77	ELECTRICAL JUNCTION PIT				—
SP9 *	330211. 13	6244257. 13	ELECTRICAL JUNCTION PIT				—

NOTES :
1. FOR SETOUT DETAILS SEE LAYOUT ON DWG. H-04
~~2. AS BUILT POSITION OF CONSTRUCTED CUT OFF WALL TO BE CARRIED OUT TO CONFIRM CO-ORDINATES AND LEVELS.~~
~~3. CO-ORDINATES TO BY CONFIRMED BEFORE CONSTRUCTION COMMENCES ON THE PUMP CONTROL PANEL.~~

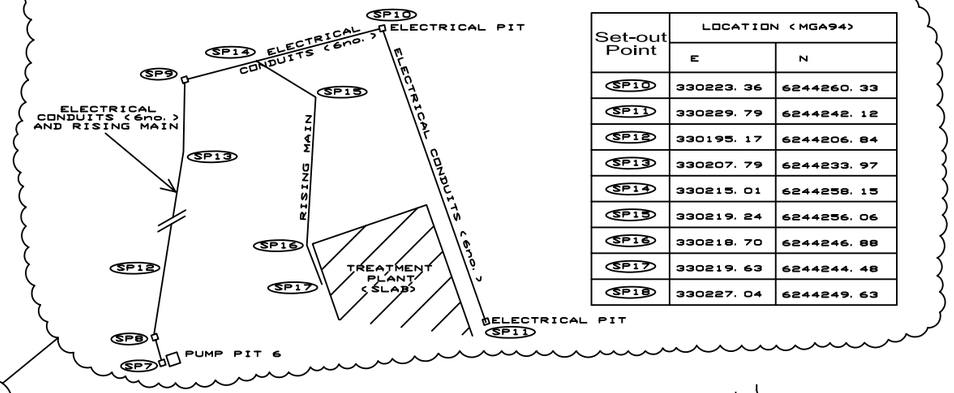
* DENOTES SETOUT POINT FOR TRENCH FROM PUMP STATION 6 TO PROPOSED TREATMENT PLANT.

NOTES

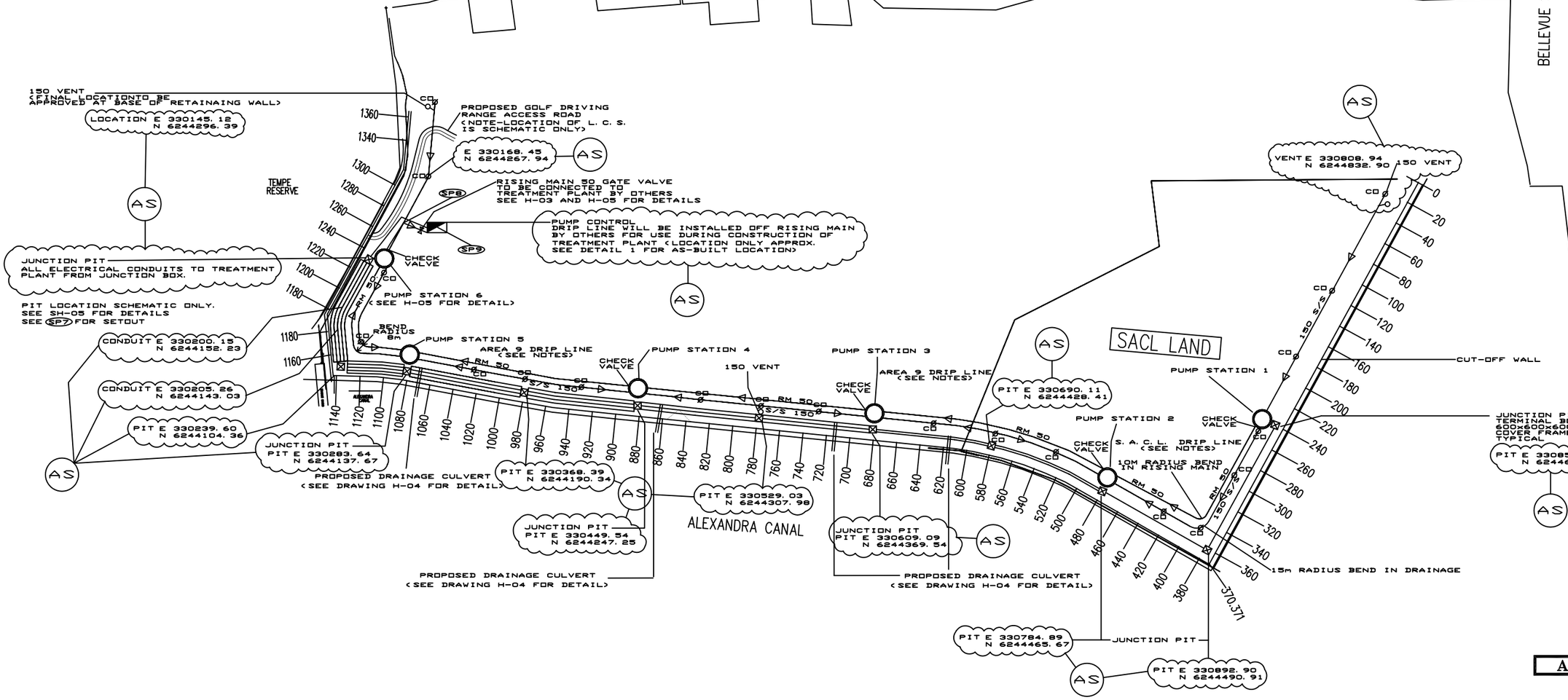
- LEACHATE RISING MAIN TO BE 1800MM FROM CUT-OFF WALL WITH A MINIMUM OF 600MM COVER UNLESS OTHERWISE SHOWN.
- ELECTRICAL CONDUITS TO BE CENTRED 900MM FROM THE EDGE OF THE CUT-OFF WALL WITH A MINIMUM OF 600MM COVER UNLESS SHOWN OTHERWISE.
- ELECTRICAL JUNCTION PIT TO BE CENTRED ON CONDUITS AND PERPENDICULAR TO PUMP STATION UNLESS OTHERWISE SHOWN.
- MARKER TAPE AND SAND TO BE PLACED ON TOP OF ALL ELECTRICAL CONDUITS AND RISING MAINS.
- LEG A & B PIT LEVELS ADOPTED AS SURVEYED PLATFORM LEVELS. LEG B & C PIT LEVELS ADOPTED AS SURVEYED PLATFORM +200mm.
- ~~TEMPORARY DRIPLINE TO BY LOCATED IN AREA 9/S.A.C.L. LAND ALONG ALEXANDRA CANAL FROM SYSTEM RISING MAIN AND LOCAL DEWATERING PUBING CONSTRUCTION.~~
- FOR AS-BUILT LOCATION OF WALL SEE DRAWING 209449-SD-01-AS

DETAIL 1 - AS-BUILT LOCATION OF SERVICES TO TREATMENT PLANT

NOT TO SCALE



Set-out Point	LOCATION (MGA94) E	N
SP10	330223. 36	6244260. 33
SP11	330229. 79	6244242. 12
SP12	330195. 17	6244206. 84
SP13	330207. 79	6244233. 97
SP14	330215. 01	6244258. 15
SP15	330219. 24	6244256. 06
SP16	330218. 70	6244246. 88
SP17	330219. 63	6244244. 48
SP18	330227. 04	6244249. 63



AS BUILT

Rev	Date	Drawn	Checked	Description
AS	18-11-2004	S.K.	P.V.	AS-BUILT
02	12-07-2004	S.K.	G.C.	FOR CONSTRUCTION
01	29-06-2004	S.K.	G.C.	RE-ISSUED FOR APPROVAL ONLY
T1	03-06-2004	TM	AT	TENDER REVISION
T	20-05-2004	TM	AT	TENDOR ISSUE

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AUCKLAND BRISBANE MELBOURNE SYDNEY

Project:
TEMPE LANDS REMEDIATION
ST PETERS SYDNEY

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Title:
LEACHATE CONTROL SYSTEM
SITE PLAN

1:1 0 0.01 0.02 0.03 0.04 0.05 0.06 0.07 0.08 0.09 0.1m A1

1st Issue Date: 19-1-2004	Scale: 1:2000
Designed:	Authorised:
Drawn: P.K.	Date:
Project No. 209449	Drawing No. SH-01 Rev AS

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PLOT DATE: 24-08-2005