NSW Site Auditor Scheme

Site Audit Statement

A site audit statement summarises the findings of a site audit. For full details of the site auditor's findings, evaluations and conclusions, refer to the associated site audit report.

This form was approved under the *Contaminated Land Management Act 1997* on 12 October 2017.

For information about completing this form, go to Part IV.

Part I: Site audit identification

Site audit statement no. 0301-1807

This site audit is a:

❑ statutory audit

☑ non-statutory audit

within the meaning of the *Contaminated Land Management Act 1997*.

Site auditor details

(As accredited under the *Contaminated Land Management Act 1997*)

Name	James Davis		
Company	Enviroview Pty Ltd		
Address	PO Box 327		
	GLADESVILLE NSW	Postcode	2110
Phone	0467 375 481		
Email	james.davis@enviroview.com.au		

Site details

Address	8 and 10 Johnston Crescent		
	HORSLEY Park NSW	Postcode	2175

Property description

(Attach a separate list if several properties are included in the site audit.)

Lot 201 and Lot 202 of DP1244593

Local government area	Fairfield City Council
Area of site (include units, e.g. hectares)	11.739 Ha
Current zoning	IN1 –General Industrial under Fairfield Local Environmental Plan Amendment (Western Sydney Employment Area) 2009.

Regulation and notification

To the best of my knowledge:

❑ **the site is** the subject of a declaration, order, agreement, proposal or notice under the *Contaminated Land Management Act 1997* or the *Environmentally Hazardous Chemicals Act 1985,* as follows: (provide the no. if applicable)

- ❑ Declaration no.
- ❑ Order no.
- ❑ Proposal no.
- ❑ Notice no.

☑ **the site is not** the subject of a declaration, order, proposal or notice under the *Contaminated Land Management Act 1997* or the *Environmentally Hazardous Chemicals Act 1985*.

To the best of my knowledge:

❑ the site **has** been notified to the EPA under section 60 of the *Contaminated Land Management Act 1997*

☑ the site **has not** been notified to the EPA under section 60 of the *Contaminated Land Management Act 1997*.

Site audit commissioned by

Name	Wayne Pasalich		
Company	CSR Building Products Limited		
Address	Triniti 3, 39 Delhi Road,		
	NORTH RYDE, NSW	Postcode	2113
Phone	02 9964 1784		
Email	WPASALICH@csr.com.au>		

Contact details for contact person (if different from above)

Name

Phone

Email

Nature of statutory requirements (not applicable for non-statutory audits)

- ❑ Requirements under the *Contaminated Land Management Act* 1997 (e.g. management order; please specify, including date of issue)

- ❑ Requirements imposed by an environmental planning instrument (please specify, including date of issue)

- ❑ Development consent requirements under the *Environmental Planning and Assessment Act 1979* (please specify consent authority and date of issue)

- ❑ Requirements under other legislation (please specify, including date of issue)

Purpose of site audit

❑ **A1** To determine land use suitability

Intended uses of the land:

OR

☑ **A2** To determine land use suitability subject to compliance with either an active or passive environmental management plan

Intended uses of the land: Commercial/industrial

OR

(Tick all that apply)

❑ **B1** To determine the nature and extent of contamination

❑ **B2** To determine the appropriateness of:

- ❑ an investigation plan
- ❑ a remediation plan
- ❑ a management plan

❑ **B3** To determine the appropriateness of a **site testing plan** to determine if groundwater is safe and suitable for its intended use as required by the *Temporary Water Restrictions Order for the Botany Sands Groundwater Resource 2017*

❑ **B4** To determine the compliance with an approved:

- ❑ **voluntary management proposal** or
- ❑ **management order** under the *Contaminated Land Management Act 1997*

❑ **B5** To determine if the land can be made suitable for a particular use (or uses) if the site is remediated or managed in accordance with a specified plan.

Information sources for site audit

Consultancies which conducted the site investigations and/or remediation:

DLA Environmental, ERM Australia, Biogas Systems Australia, DBD Environmental

Titles of reports reviewed:

DLA Environmental Services (June 2013). Phase 1 Preliminary Environmental Site Assessment, Lot 1 in DP 106143 CSR Building Products 327-335 Burley Road, Horsley Park. Reference DLH1121_H0000033, dated June 2013. (DLA, June 2013)

DLA Environmental Services (September 2013). Phase 2 Detailed Environmental Site Assessment, Lot 1 in DP 106143 CSR Building Products 327-335 Burley Road, Horsley Park. Reference DLH1121_H0068, dated September 2013. (DLA, September 2013)

DLA Environmental Services Pty Ltd (DLA) (February 2018). Stage 1 and Stage 2 February 2018 Site Status – 327-335 Burley Road, Horsley Park, NSW 2175. Report No. DL3109_S008131, dated 22 February 2018. (DLA, February 2018)

DLA (March 2018). Bund Wall Remediation Strategy, 327-335 Burley Road, Horsley Park, NSW 2175. Report No. 0449086_S008289, Version 2.0, dated 27 March 2018. (DLA, March 2018)

DLA Environmental Services (June 2018). Bund Wall Assessment Report, 327 – 335 Burley Road, Horsley Park, NSW, 2175. Reference 0449086_S008491, dated June 2018. (DLA, June 2018)

ERM (December 2018). Addendum to Remediation Action Plan: Bund Wall Remediation Strategy, 327 – 335 Burley Road, Horsley Park, NSW 2175. Reference 0449086_S009295, dated 7 December 2018. (ERM, December 2018)

ERM (December 2019). Remediation Action Plan, 327-335 Burley Road, Horsley Park NSW 2175. Reference S010173, dated 20 December 2019. (ERM, December 2019)

ERM (September 2020). Validation Report, Stage 2A, 6 Johnston Crescent, Horsley Park NSW 2175. Reference 0449086_S010649, dated 4 September 2020. (ERM, September 2020)

Biogas Systems Australia (November 2020). LFG Management Plan, Environmental Management Plan for Landfill Gas, Horsley Park Landfill. Reference: 0103_RPT0076.D, dated 13 November 2020. (BSA, 2020)

DBD Environmental (November 2020). Landfill Gas Risk Assessment Stage 2, Horsley Park. Reference 0093_DBD_RPT0002A, dated 1 December 2020 (DBD, 2020)

Other information reviewed, including previous site audit reports and statements relating to the site:

Douglas Partners (May 2016) Report on Earthworks Specification, Proposed Industrial Subdivision, Lot 1 DP 106143, Burley Road, Horsley Park. Reference 76582.06.R.001.Rev1, dated 9 May 2016. (Douglas Partners, May 2016)

DLA Environmental Services (July 2016) Remediation Action Plan, Former Camide Landfill, 327-335 Burley Road, Horsley Park NSW. Reference DL3109_S004808, dated 4 July 2016. (DLA, July 2016)

DLA Environmental Services (April 2017) Installation and operation of a gas collection system – Horsley Park. Reference DL3109_S006543, dated 12 April 2017. (DLA, April 2017)

DLA Environmental Services (August 2017) Installation and operation of a gas collection system – Horsley Park. Reference DL3109_S003745, dated 29 August 2017. (DLA, August 2017)

Douglas Partners (August 2018) Bio-filtration Aggregate Trench Backfill, Lot 1 DP 106143, Burley Road, Horsley Park. Reference 76582.13, dated 15 August 2018. (Douglas Partners, August 2018)

Site audit report details

Title Site Audit Report, Lot 201 and Lot 202 DP1244593 (Stage 2A), 8 and 10 Johnston Crescent, Horsley Park NSW

Report no. 600105_0301-1807 Date 4 December 2020

Part II: Auditor's findings

Please complete either Section A1, Section A2 or Section B, not more than one section. (Strike out the irrelevant sections.)

- Use **Section A1** where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land uses **without the implementation** of an environmental management plan.
- Use **Section A2** where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land uses **with the implementation** of an active or passive environmental management plan.
- Use **Section B** where the audit is to determine:
    - (B1) the nature and extent of contamination, and/or
    - (B2) the appropriateness of an investigation, remediation or management plan[1], and/or
    - (B3) the appropriateness of a site testing plan in accordance with the *Temporary Water Restrictions Order for the Botany Sands Groundwater Source 2017*, and/or
    - (B4) whether the terms of the approved voluntary management proposal or management order have been complied with, and/or
    - (B5) whether the site can be made suitable for a specified land use (or uses) if the site is remediated or managed in accordance with the implementation of a specified plan.

[1] For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

Section A1

I certify that, in my opinion:

The **site is suitable** for the following uses:

(Tick all appropriate uses and strike out those not applicable.)

☐ Residential, including substantial vegetable garden and poultry

☐ Residential, including substantial vegetable garden, excluding poultry

☐ Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry

☐ Day care centre, preschool, primary school

☐ Residential with minimal opportunity for soil access, including units

☐ Secondary school

☐ Park, recreational open space, playing field

☐ Commercial/industrial

☐ Other (please specify):

_____

OR

☐ I certify that, in my opinion, the site is not suitable for any use due to the risk of harm from contamination.

Overall comments:

_____

_____

_____

_____

_____

_____

Section A2

I certify that, in my opinion:

Subject to compliance with the **attached** environmental management plan[2] (EMP), the site is suitable for the following uses:

(Tick all appropriate uses and strike out those not applicable.)

☐ ~~Residential, including substantial vegetable garden and poultry~~

☐ ~~Residential, including substantial vegetable garden, excluding poultry~~

☐ ~~Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~

☐ ~~Day care centre, preschool, primary school~~

☐ ~~Residential with minimal opportunity for soil access, including units~~

☐ ~~Secondary school~~

☐ ~~Park, recreational open space, playing field~~

☑ **Commercial/industrial**

☐ ~~Other (please specify):~~

EMP details

Title:	LFG Management Plan, Environmental Management Plan for Landfill Gas, Horsley Park Landfill. Document Reference 0103_RPT0076.D.
Author:	Biogas Systems Australia
Date:	13 November 2020

EMP summary

This EMP (attached) is required to be implemented to address residual contamination on the site.

The EMP: (Tick appropriate box and strike out the other option.)

☐ ~~requires operation and/or maintenance of active control systems~~[3]

☑ requires maintenance of **passive** control systems only[3].

[2] Refer to Part IV for an explanation of an environmental management plan.
[3] Refer to Part IV for definitions of active and passive control systems.

Purpose of the EMP:

The EMP was developed with respect to the landfill gas at the former Camide landfill to ensure protection of the surrounding properties including the subject Site Audit site.

To ensure the protection of the surrounding land users the EMP which relates to the management of the former landfill site, adjacent to the subject Site Audit site, prescribes monitoring, reporting and further mitigation actions (if required), to manage the risks to the surrounding land users.

Description of the nature of the residual contamination:

Landfilling activities on the adjacent land to the Site Audit site occurred between 1990 and 1994 with an estimated 950,000 m^3 of waste material placed within a former quarry. It was reported that commercial and industrial wastes were primarily received, however some putrescible wastes are also considered likely to also be present. A Landfill Closure Plan (LCP) was developed in 1999 and included an RAP which provided details of landfill assessment activities and key findings in relation to landfill gas. The land fill site is regulated by the NSW EPA under an Environmental Protection Licence (EPL) (EPL #123). The EPL includes monitoring requirements for the landfill.

The landfill has undergone assessment and investigation since the LCP was implemented. Remediation options were developed and remediation works undertaken to manage landfill gas emissions. A landfill gas monitoring well network was established around the former landfill, with quarterly monitoring of selected wells occurring as part of the EPL #123. A biofiltration trench was constructed around the remainder of the landfill between July 2018 and May 2019 and results from post-installation monitoring at perimeter locations outside of the biofiltration trench in May 2019 indicate a reduction of methane concentrations to below 1 % v/v. A Landfill Gas Risk Assessment was undertaken regarding the Site Audit site which has confirmed the effectiveness of the eastern portion of the biofiltration trench, which lies along the boundary with the Site Audit site.

While no specific land use or development constraints for the Site Audit site has been identified, given the proximity of the landfill and relatively limited timeframe of consistent monitoring, ongoing landfill gas monitoring and routine risk-based assessment of monitoring results is required within the landfill site to ensure mitigation measures, including the installed biofiltration trench continue to be effective, and that the migration of landfill gas does not pose a risk to surrounding properties including the Site Audit site.

Summary of the actions required by the EMP:

Ongoing monitoring at the land fill site will comprise:

- Quarterly monitoring of gas concentrations in all nominated monitoring wells using a calibrated landfill gas monitor (Geotech GA5000 Landfill Gas Analyser or similar). Landfill gas concentrations and gas flow rates will be collected so that an assessment of landfill gas regime and performance of the landfill gas mitigation measures can be made. Groundwater levels will also be gauged and recorded during this monitoring event;

- Quarterly grid-based monitoring of the former landfill surface including biofiltration trench will be undertaken using a calibrated sensitive landfill gas detector (for example RKI Eagle Multi-Gas Monitoring); and

- Quarterly monitoring of enclosed structures (namely utility/service pits) within the landfill site will be undertaken using a calibrated sensitive landfill gas detector (for example RKI Eagle Multi-Gas Monitoring).

A summary table providing details of the various threshold/assessment criteria to be adopted for the evaluation of monitoring data is clearly set out within the EMP.

Monitoring protocols are set out in the EMP for each type of data collection (service pits, sub-surface gas and ambient air/surface monitoring) at the landfill site to ensure consistent monitoring approaches are adopted. The EMP outlines that all monitoring data will be collated and reported on a quarterly basis with recommendations provided, as needed. Upon completion 12 months of monitoring, an annual review and report will be prepared to summarise landfill gas conditions and determine future monitoring/management requirements at the site.

The EMP noted that if reportable environmental conditions are detected during any monitoring event, immediate corrective action will be required. Corrective actions are set out within the EMP.

How the EMP can reasonably be made to be legally enforceable:

While the requirements of the EMP are not specifically included in the EPL, ongoing monitoring is a requirement and subject to ongoing regulation by the NSW EPA.

In addition, there exists a contract for sale of the land with specific provision for the Vendor (CSR) to undertake all obligations relating to the contamination of the site. The provision in the contract will operate as a Deed following completion of the Sale and will enable the Purchaser to seek specific performance of that agreement regarding the obligations imposed by the EMP.

How there will be appropriate public notification:

This Site Audit Statement with the EMP attached will be provided to Fairfield City Council, a reference to this Site Audit Statement must be recorded on the s 10.7 Planning Certificate as is required under the guidelines to SEPP 55.

Interested parties will have access to the information on the planning certificate on application, including reference to this Site Audit Statement. When land is bought or sold in NSW the *Conveyancing Act 1919* and *Conveyancing (Sale of Land) Regulation 2010* requires that a s 10.7 Planning Certificate be attached to the contract of sale for the land.

~~**Overall comments:**~~

Section B

Purpose of the plan[4] which is the subject of this audit:

I certify that, in my opinion:

(B1)

☐ The nature and extent of the contamination **has** been appropriately determined

☐ The nature and extent of the contamination **has not** been appropriately determined

AND/OR (B2)

☐ The investigation, remediation or management plan **is** appropriate for the purpose stated above

☐ The investigation, remediation or management plan **is not** appropriate for the purpose stated above

AND/OR (B3)

☐ The site testing plan:

- ☐ **is** appropriate to determine
- ☐ **is not** appropriate to determine

if groundwater is safe and suitable for its intended use as required by the *Temporary Water Restrictions Order for the Botany Sands Groundwater Resource 2017*

AND/OR (B4)

☐ The terms of the approved voluntary management proposal* or management order** (strike out as appropriate):

- ☐ **have** been complied with
- ☐ **have not** been complied with.

*voluntary management proposal no.

**management order no.

AND/OR (B5)

☐ The site **can be made suitable** for the following uses:

(Tick all appropriate uses and strike out those not applicable.)

- ☐ Residential, including substantial vegetable garden and poultry
- ☐ Residential, including substantial vegetable garden, excluding poultry

[4] For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

- ☐ Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry
- ☐ Day care centre, preschool, primary school
- ☐ Residential with minimal opportunity for soil access, including units
- ☐ Secondary school
- ☐ Park, recreational open space, playing field
- ☐ Commercial/industrial
- ☐ Other (please specify):

IF the site is remediated/managed* in accordance with the following plan (**attached**):

*Strike out as appropriate

Plan title

Plan author

Plan date No. of pages

Plan title

Plan author

Plan date No. of pages

SUBJECT to compliance with the following condition(s):

Overall comments:

Part III: Auditor's declaration

I am accredited as a site auditor by the NSW Environment Protection Authority (EPA) under the *Contaminated Land Management Act 1997.*

Accreditation no. 0301

I certify that:

- I have completed the site audit free of any conflicts of interest as defined in the *Contaminated Land Management Act 1997,* and
- with due regard to relevant laws and guidelines, I have examined and am familiar with the reports and information referred to in Part I of this site audit, and
- on the basis of inquiries I have made of those individuals immediately responsible for making those reports and obtaining the information referred to in this statement, those reports and that information are, to the best of my knowledge, true, accurate and complete, and
- this statement is, to the best of my knowledge, true, accurate and complete.

I am aware that there are penalties under the *Contaminated Land Management Act 1997* for wilfully making false or misleading statements.

Signed

Date 4 December 2020

Part IV: Explanatory notes

To be complete, a site audit statement form must be issued with all four parts.

How to complete this form

Part I

Part I identifies the auditor, the site, the purpose of the audit and the information used by the auditor in making the site audit findings.

Part II

Part II contains the auditor's opinion of the suitability of the site for specified uses or of the appropriateness of an investigation, or remediation plan or management plan which may enable a particular use. It sets out succinct and definitive information to assist decision-making about the use or uses of the site or a plan or proposal to manage or remediate the site.

The auditor is to complete either Section A1 or Section A2 or Section B of Part II, **not** more than one section.

Section A1

In Section A1 the auditor may conclude that the land is *suitable* for a specified use or uses OR *not suitable* for any beneficial use due to the risk of harm from contamination.

By certifying that the site is *suitable*, an auditor declares that, at the time of completion of the site audit, no further investigation or remediation or management of the site was needed to render the site fit for the specified use(s). **Conditions must not be** imposed on a Section A1 site audit statement. Auditors may include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

Section A2

In Section A2 the auditor may conclude that the land is *suitable* for a specified use(s) subject to a condition for implementation of an environmental management plan (EMP).

Environmental management plan

Within the context of contaminated sites management, an EMP (sometimes also called a 'site management plan') means a plan which addresses the integration of environmental mitigation and monitoring measures for soil, groundwater and/or hazardous ground gases throughout an existing or proposed land use. An EMP succinctly describes the nature and location of contamination remaining on site and states what the objectives of the plan are, how contaminants will be managed, who will be responsible for the plan's implementation and over what time frame actions specified in the plan will take place.

By certifying that the site is suitable subject to implementation of an EMP, an auditor declares that, at the time of completion of the site audit, there was sufficient information satisfying guidelines made or approved under the *Contaminated Land Management Act 1997*

(CLM Act) to determine that implementation of the EMP was feasible and would enable the specified use(s) of the site and no further investigation or remediation of the site was needed to render the site fit for the specified use(s).

Implementation of an EMP is required to ensure the site remains suitable for the specified use(s). The plan should be legally enforceable: for example, a requirement of a notice under the CLM Act or a development consent condition issued by a planning authority. There should also be appropriate public notification of the plan, e.g. on a certificate issued under s.149 of *the Environmental Planning and Assessment Act 1979*.

Active or passive control systems

Auditors must specify whether the EMP requires operation and/or maintenance of active control systems or requires maintenance of passive control systems only. Active management systems usually incorporate mechanical components and/or require monitoring and, because of this, regular maintenance and inspection are necessary. Most active management systems are applied at sites where if the systems are not implemented an unacceptable risk may occur. Passive management systems usually require minimal management and maintenance and do not usually incorporate mechanical components.

Auditor's comments

Auditors may also include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

Section B

In Section B the auditor draws conclusions on the nature and extent of contamination, and/or suitability of plans relating to the investigation, remediation or management of the land, and/or the appropriateness of a site testing plan in accordance with the *Temporary Water Restrictions Order for the Botany Sands Groundwater Source 2017*, and/or whether the terms of an approved voluntary management proposal or management order made under the CLM Act have been complied with, and/or whether the site can be made suitable for a specified land use or uses if the site is remediated or managed in accordance with the implementation of a specified plan.

By certifying that a site *can be made suitable* for a use or uses if remediated or managed in accordance with a specified plan, the auditor declares that, at the time the audit was completed, there was sufficient information satisfying guidelines made or approved under the CLM Act to determine that implementation of the plan was feasible and would enable the specified use(s) of the site in the future.

For a site that *can be made suitable*, any **conditions** specified by the auditor in Section B should be limited to minor modifications or additions to the specified plan. However, if the auditor considers that further audits of the site (e.g. to validate remediation) are required, the auditor must note this as a condition in the site audit statement. The condition must not specify an individual auditor, only that further audits are required.

Auditors may also include **comments** which are observations in light of the audit which provide a more complete understanding of the environmental context to aid decision-making in relation to the site.

Part III

In **Part III** the auditor certifies their standing as an accredited auditor under the CLM Act and makes other relevant declarations.

Where to send completed forms

In addition to furnishing a copy of the audit statement to the person(s) who commissioned the site audit, statutory site audit statements must be sent to

- the **NSW Environment Protection Authority**: nswauditors@epa.nsw.gov.au or as specified by the EPA

  AND

- the **local council** for the land which is the subject of the audit.

LFG Management Plan

Environmental Management Plan for Landfill Gas, Horsley Park Landfill

CSR Building Products Limited

Job ID. 0103

PROJECT NAME:	Environmental Management Plan for Landfill Gas, Horsley Park Landfill
JOB ID:	0103
DOCUMENT CONTROL NUMBER	0103_RPT0076.D
PREPARED FOR:	CSR Building Products Limited
APPROVED FOR RELEASE BY:	Dr Ben Dearman

DOCUMENT CONTROL

VERSION	DATE	COMMENT	PREPARED BY	REVIEWED BY
A	02.09.2020	Updated for Auditor Review	Mitchell Browne	Jack Horan
B	13.11.2020	Final	Mitchell Browne	Jack Horan

DISCLAIMER

Biogas Systems Australia acts in all professional matters as a faithful advisor to the Client and exercises all reasonable skill and care in the provision of its professional services.

Reports are commissioned by and prepared for the exclusive use of the Client. They are subject to and issued in accordance with the agreement between the Client and Biogas Systems Australia. Biogas Systems Australia is not responsible for any liability and accepts no responsibility whatsoever arising from the misapplication or misinterpretation by third parties of the contents of its reports.

Except where expressly stated, Biogas Systems Australia does not attempt to verify the accuracy, validity or comprehensiveness of any information supplied to Biogas Systems Australia for its reports.

Where site inspections, testing or fieldwork have taken place, the report is based on the information made available by the client or their nominees during the visit, visual observations and any subsequent discussions with regulatory authorities. The validity and comprehensiveness of supplied information has not been independently verified and, for the purposes of this report, it is assumed that the information provided to Biogas Systems Australia is both complete and accurate. It is further assumed that normal activities were being undertaken at the site on the day of the site visit(s), unless explicitly stated otherwise.

CONTENTS

TABLES

EXECUTIVE SUMMARY

The objective of this Environmental Management Plan (EMP) is to provide a landfill gas (LFG) management plan that can be enforced to ensure protection of surrounding land users from the former Camide Landfill. To achieve the objective of the EMP the following aspects of LFG management will be addressed to ensure ongoing suitability of the neighbouring sites for commercial/industrial land use including:

- Monitoring and management of subsurface emission in the perimeter well network
- Monitoring and management of surface emissions form the landfill cap and biofiltration trench (BT)
- Monitoring and management of service pits and enclosed spaces on the landfill and adjacent to the landfill (where possible).

The investigations completed to date include installation of a perimeter monitoring network and regular monitoring of LFG conditions at the boundary of the former Camide Landfill. The implementation of a gas interception biofiltration trench was initially installed along the western boundary of the landfill in June 2005 and after the success of this trial, was extended around the entire perimeter of the landfill. The construction of the biofiltration trench around the remainder of the landfill was commenced in July 2018 and completed in May 2019.

Results of the post installation monitoring at perimeter locations outside of the BT in May 2019 and subsequent monitoring indicate a reduction of methane concentrations to below the threshold concentration of 1%v/v. This monitoring confirmed the effectiveness of the northern portion of the BT in the direction of the closest commercial / industrial land user.

To ensure the protection of the surrounding land users this EMP has been developed, which prescribes monitoring, reporting and further mitigation actions (if required). To manage the risks to the surrounding land users, the monitoring of service pits and enclosed spaces (stormwater pits), surface emissions (landfill cap and BT), subsurface migration and water levels (perimeter monitoring) is required. These monitoring activities will not only assess the risk to the surrounding land users but also provide data for ongoing validation of the effectiveness of the BT at mitigating lateral migration of gas from the landfill.

The monitoring of these locations will be completed quarterly, compared against threshold criteria sourced from the Hazardous Ground Gas (NSW 2019) guidelines and reported both quarterly and annually. In the event that a threshold criterion is exceeded for methane or an increasing carbon dioxide trend is observed, additional investigation will be required to determine the course of action which may range from increased monitoring frequency to notification of the regulatory authorities in the event of explosive conditions or acute human health risk.

The site owner (currently CSR Building Products Limited) is the responsible party for ensuring the EMP is executed and the objectives of the EMP are met which is detailed in a legal clause as part of the contract for sale of the closest adjacent properties to the north, south and west of the Former Camide Landfill.

The intent of the EMP is to continue monitoring for at least a period of 24 months from commencement and reassess the stability of landfill gas generation and migration and there is no longer a risk to surrounding land users.

1 INTRODUCTION

This Environmental Management Plan (EMP) has been prepared to document the management and monitoring requirements for the former Camide Landfill (Figure 1) to demonstrate that the landfill gas does not present a risk to surrounding off-site properties.

There is an existing EMP which is part of the contract for sale "Pursuant to clause 38.3 of sale contract dated 9 March 2018 between CSR Building Products Limited and Australand C & I Land Holdings (Australand) as Trustee for Frasers Property C & I Land Holdings (Horsley Park No 2) Trust in respect of the sale of Lots 101 & 102, 327 – 335 Burley Road, Horsley Park CSR Building Products. This previous EMP was written to address the requirements to monitor and manage the risk between the Former Camide Landfill and the Stage 1 development.

As part of the development of an EMP to monitor and manage the risk between the Former Camide Landfill and the Stage 2 development the original Environmental Management Plan (EMP) (Ref 0103 BSA RPT0075.C) was expanded on to include the additional monitoring requirements for Stage 2. This will result in two EMPs for the Former Camide Landfill site which will need to be administered by CSR. For the purpose of implementation, this EMP covers the requirements of the original EMP for Stage 1 plus the additional requirements for Stage 2. This meets the objective of the client to maintain the existing EMP under its contractual requirements with Australand and Horsley Park No 2 whilst meeting the additional management requirements for Stage 2 and the contractual requirements with ESR Australia.

The current EMP (this documents) details the monitoring requirements, roles, responsibilities, reporting requirements and enforceability to ensure that LFG emissions do not impact human health and the environment of surrounding properties both Stage 1 and Stage 2.

1.1 Background

Camide operated a non-putrescible solid waste landfill at the Horsley Park site from 1990 to 1994. The landfilling took place in a quarry void created by clay extraction activities. It has been estimated that 950,000 m^3 of waste was imported to the site in an area of 4.1ha of the site as indicated in Figure 1.

At the completion of landfilling in 1994 the waste was capped with a 1m thick compacted clay layer and a 500mm thick revegetation/landscaping layer in accordance with the Landfill Closure Plan (LCP) (EGIS 1999). At the time of the capping and closure of the landfill the surrounding land users were the other active parts of the quarry activities to the north and the east and open rural land use which bounds the landfill to the west and the south.

Since the capping activities there has been significant site development and regional development of the land surrounding the landfill into commercial industrial land uses. This development has resulted in the encroachment of commercial / industrial development to the north of the northern boundary of the former Camide Landfill. Surrounding land use to the west, south and east have not significantly changed since implementation of the LCP.

The planned commercial / industrial development to the east and south of the landfill is proposed within 250m of the inferred extent of waste. The historical monitoring of perimeter wells at the former Camide Landfill site indicated that hazardous ground gases may potentially migrate laterally which could potentially impact adjacent off-site land users of the Stage 1 and Stage 2 development.

The remedial solution which was designed for the site included a biofiltration trench (BT) to mitigate fugitive gas emissions by oxidation. The trench is installed around the entire perimeter of the former Camide Landfill and is extend into groundwater to 9m in some sections.

As part of the post remediation validation monitoring of LFG wells outside of the BT has been undertaken since May 2019 which report that the lateral migration of fugitive emissions from the former Camide Landfill is being

managed. Generation of LFG and migration pathways of LFG can change over time and the relatively small timeframes for monitoring need to be addressed to ensure that conditions have not changed.

During the final installation of the BT some wells were damaged or were in close proximity to the trench which may be influencing the gas concentrations and flow reported during the monthly spot monitoring. As part of the Stage 2 development to the east and south of the landfill ten additional LFG wells and one background LFG location were established to ensure that the perimeter spacing along the eastern and southern boundary of the landfill was approximately 20m. The background LFG location is a sufficient distance from the landfill and is shown on Figure 4.

The development of this EMP is to assist in the long term monitoring of the LFG generation and migration pathways to ensure that the neighbouring properties are protected.

1.2 EMP Objectives

The objective of the EMP is to provide a landfill gas management plan that will be enforced to ensure protection of surrounding land users from the former Camide Landfill.

To achieve the objective of the EMP the following aspects of LFG management will be addressed to ensure ongoing suitability of the neighbouring sites for commercial/industrial land use including:

- Monitoring and management of subsurface emissions in the perimeter well network
- Monitoring and management of surface emissions from the landfill cap and the biofiltration trench
- Monitoring and management of emissions in service pits and enclosed spaces on the landfill and adjacent to the landfill (where possible).

2 SITE OVERVIEW

2.1 Site Description

2.1.1 Location

The site is located at 327 to 335 Burley road, Horsley Park (refer Figure 1). The site is currently identified as Lot 103 of Deposited Plan 1214912 (Historically - Lot 1 Deposited Plan 1228114) based on SIX maps (*maps,six.nsw.gov.au* – accessed 12.11.2020). The landfill site is a part of a larger portion of land which is subject to development plan DA97 – 1085. The landfill is located in the south western corner of the site. A summary of site details is presented in Table 1.

Table 1 – Site Details

Item	Description
Site name and address	Former Camide Landfill, 327 to 335 Burley Road, Horsley Park, NSW 2175
Real property description	Current property description is Lot 103 of Deposited Plan 1214912 as identified in SIX maps (Historically - Lot 1 Deposited Plan 1228114) The EPL details refer to Lot 2 DP 1228114.
Current site owner	CSR Building Products Ltd
Surrounding Allotments	Lots 101, 102 (Stage1 Development) and 103 (Stage 2 Development), 327 – 335 Burley Road, Horsley Park These lots are currently identified in six maps as DP1259616 Lot 202, DP1264857 Lot 301 and DP1214912 Lot 103 respectively
Operational timeframe	Landfilling between 1990 – 1994
Area	Approximately 4.1 hectares
Volume	Approximately 950,000 m^3
Depth	Total waste thickness is estimated to approximately 18 m below ground surface
Waste composition	No putrescible wastes recorded only commercial and industrial*

* Waste disposal records were not available to review in the previous LCP therefore the potential presence of some putrescible wastes exists.

2.1.2 Surrounding Land Use

The land use of the surrounding area is summarised in Table 2.

Table 2 - Surrounding Land Uses

Direction	Use
North	Stage 1 development area. Further to the north is commercial/industrial
South	Stage 2A development area. Rural land with open pasture further to the south.
East	Stage 2C development area (future commercial). Rural land use and market gardens further east
West	Pasture with commercial/industrial land use further to the west

2.2 Site History and Management

As detailed in the background in Section 1 the site was utilised as a quarry prior to 1990. Landfilling activities commenced in 1990 and ceased in 1994 with an estimated 950,000 m^3 of fill placed in the former quarry. The LCP was prepared in accordance with the requirements of the deferred Commencement Conditions 1 to 3 of DA97 – 1085 and in the NSW EPA Guidelines in effect at the time.

2.2.1 Landfill Closure Plan

The Landfill Closure Plan (LCP) (EGIS 1999) was developed for the site in 1999, which outlined ongoing monitoring to be undertaken and stabilisation criteria for the cessation of LFG monitoring. The LCP was prepared in accordance with the requirements of the deferred Commencement Conditions 1 to 3 of DA97 – 1085 and in accordance with the NSW EPA Guidelines in effect at the time. The original Remediation Action Plan (RAP) was presented within the LCP (EGIS 1999) based on several environmental investigations undertaken prior to 1999 which are referenced in Section 6. The current RAP for Stage 2 was developed in 2014 and amended in 2019 to reflect current site conditions (*Ref: Remediation Action Plan. Lot 1 in DP 106143, CSR Building Products, 327 – 335 Burley Road, Horsley Park. (Revised September 2019*)

2.2.2 Environment Protection Licence (EPL) #123

In addition to the LCP an Environment Protection Licence (EPL) #123 is active for the site and regulated by the EPA. The EPL outlines monitoring requirements, maximum scale and load limit for particular contaminants relating to these activities. The EPL for the site is currently active for the following scheduled activities:

- Ceramic works.
- Crushing, grinding or separating.
- Extractive activities.
- Mining for minerals.

In addition to these activities, the EPL addresses monitoring and reporting requirements for the landfill. There has been extensive monitoring of groundwater, leachate, landfill gas since the commencement of the LCP and as part of the EPL which are referenced in Section 6. The objective of the EPL is to regulate specific activities and although useful data is collected the has a different objective.

It should be noted that at the time of writing this EMP, an application is with the NSW EPA (Notice No. 1570706) to surrender the EPL on a section of the site. The application aims to surrender the EPL for Lots 101 and 102 of the EPL#123 from lot 103 (now identified at Stage 1, Stage 2 and Stage 3) of which a portion of this is the Former Camide Landfill.

2.2.3 Remedial History

The landfill has undergone years of assessment since the closure of the landfilling activities and has since been monitoring the LFG emissions and implemented gas migration controls for the identified LFG at the site. Table 3 below gives a brief history of the activities undertaken on the site to date.

Of all the activities and investigation completed to date the most significant is the implementation of a gas interception biofilter and trench was installed along the western boundary of the landfill in June 2005. It was installed as a trial to assess the validity of this type of gas mitigation solution (Dever 2009). Quarterly monitoring of wells GM1-GM11 was undertaken from October 2006 in accordance with EPL #123. Monitoring wells GM12-GM32 were installed in July 2017 to monitoring the lateral migration of LFG from the site. The trial was confirmed a success in the 2009 report and was then adopted for the balance of the landfill perimeter.

The construction of a biofilter and trench around the remainder of the landfill was commenced in July 2018 and completed in May 2019. As part of the Stage 1 and Stage 2 developments additional investigation location have been added at the perimeter of the former Landfill to ensure the spacing is adequate to continue to monitor the potential for fugitive emissions.

Table 3 – Site History Chronology of Activities

Date	Detail
1994	Landfill ceased. Base of landfill RL 58.0m AHD. Volume of void estimated at 950,000 m3 based on a plan of the excavated void and a plan of final landform of the Camide landfill (Egis Consulting Australia Pty Limited, April 1999)
October 1998	Development consent for continued quarrying, landfilling and site remediation granted in Land and Environment Court with conditions that a Landfill Closure Plan be developed and implemented for the pre-existing Camide landfill
October 1998	Investigation of the Camide landfill commenced: thickness and construction of landfill capping layer assessed using test pits (thickness varied from 200 mm to 800 mm). Past groundwater monitoring reviewed. Surface and sub-surface gas measured. Additional groundwater wells installed to the full depth of the landfill.
August 1999	LCP proposes upgrading of landfill capping layer, installation of landfill gas monitoring wells, and a landfill gas monitoring program to complement the groundwater monitoring program. This was reflected in the EPA licence, which included these monitoring locations as a variation dated 22/6/2001. These points were monitored monthly, waters were reduced the quarterly in July 2002.
June 2000	Landfill capping upgraded according to LCP. Consequences were reduced surface gas emissions but increased sub-surface gas migration.
May 2001	EPA require investigation of the levels of leachate and landfill gas being generated by the decomposing waste present in the landfill, Pollution Reduction Program (PRP) added to EPL 123.
October 2002	Development application for conventional landfill gas management in accordance with EPA requirements submitted to Fairfield Council.
December 2003	DA consent granted from Fairfield Council to install gas extraction and flaring system. Local residents objected on grounds of noise, visual aesthetics and emissions, leading to alternative treatments being sought.
November 2004	Proposal to investigate passive biofiltration system submitted to EPA.
March 2005	Trial biofilter added to EPL123 PRP
June 2005	Stage 1 trial construction of gas interception biofilter and trench along western boundary of landfill. Gas readings were monitored until March 2006. Average gas in GM7 prior to installation 37.5%; 0.6% after installation. Report on stage 1 submitted to EPA.
April 2006	Application is made to the EPA regarding decreasing monitoring to quarterly due to the stabilisation of the landfill; variation of the licence is dated August 2006.
October 2006	Full scale version of trench constructed and PRP regarding the trench removed from the EPL.
October 2006 to Present	Monitoring undertaken quarterly as required by EPL 123 (VGT)
October 2013	Mulch replaced over biofilter trench, repairs to observation wells.
July 2017	Landfill gas wells GM12 – GM32 installed by DLA
August 2017 - ongoing	Landfill gas monitoring of GM12 – GM32 undertaken by DLA/ERM
July 2018 to May 2019	Remainder of biofiltration trench constructed
June 2019	Landfill Gas Risk Assessment of Stage 1 completed. This report includes review of the data which was collected for the validation of the effectiveness of the BT
September 2020	Landfill Gas Risk Assessment of Stage 2 completed. This report includes review of the data which was collected for the validation of the effectiveness of the BT

2.3 Environmental Setting

The environmental setting and surrounding environment are detailed in the LCP (EGIS 1999), RAP (DLA 2017) report with summary information also provided in the LFGRA (DLA 2017) report which are referenced in Section 6. These conditions were further investigated and refined in two LFGRA which assess the risk to Stage 1 (2019 BSA) and Stage 2 (DBD 2020) which immediately adjoin the former Camide Landfill. The site setting includes the wider background of the setting which includes the quarry operations (by PGH Bricks & Pavers), the surrounding adjacent sites and the former Camide Landfill (specifically Landfill Gas). A summary of the key information from these reports is provided in the following sections.

2.3.1 Regional Geology

The 1:100,000 Soil Landscape Sheet for Penrith (9030, 1989) shows the landform to comprise the Blacktown Unit with gently undulating rises on Wianamatta Group bedrock with slopes usually <5% and broad round hill crests.

The Blacktown Unit is described as a 'Residual Landscape'. The soils of this unit comprise hard setting, mottled texture contrast soils, including shallow (<1.5m) red and brown podsols on the crests, grading to deeper (>2m) yellow podsols on the lower slopes and near drainage lines. This unit is associated with known salinity and dispersive hazard, particularly in lower slopes and streamlines where soils have the potential to become waterlogged.

2.3.2 Site Specific Geology

Previous investigations have indicated that the Site contains red podzolics with brown silty to clay loam topsoils and dark red sub plastic medium clay subsoils which are in turn underlain by weathered sandstone, shale and siltstone bedrock encountered at depths ranging from 0.9 to 5.2 metres.

2.3.3 Hydrology and Hydrogeology

The structural and textural characteristics of the Bringelly Shale underlying the Site and of the Wianamatta Group determine the hydrological regime of the region. Claystones, siltstones and sandstones underlying the Site are of negligible porosity and permeability due to the fine-grained nature and the degree of intergranular cementation. Groundwater in these formations is stored and migrates principally through fractures and joints.

Surface clays derived from the weathering and alteration of the Bringelly Shale form a capping layer over the underlying and less weathered rock mass restricting infiltration and groundwater recharge. The limited groundwater recharge and low permeability results in poor flushing of the rock mass, leaving connate salts within the sediments. As a result, high salinity and low yield are a common trait of the groundwater within the Wianamatta bedrock.

The distribution of groundwater levels across the entire Site does not form a consistent pattern, locally the groundwater levels are influenced by the quarry voids. Overall a gradient exists in a north-westerly direction towards Ropes Creek. Typically, groundwater levels at the Site vary between 2 and 10 metres below existing natural ground levels.

2.3.4 Landfill Gas

Previous investigations of LFG at the Camide Landfill site have found elevated concentrations of landfill gases in perimeter wells at the south, north and eastern perimeter. Methane gas was measured in excess of 1%v/v (DLA 2016) which therefore does not comply with the investigation criteria. In response to these exceedances additional investigations including a Remediation Action Plan (DLA 2017) and installation of a biofiltration trench (BT) around the perimeter of the waste mass has been executed and validated along the northern boundary by three rounds of monitoring data (5th April 2019, 17th April 2019 and the 10th May 2019). It should be noted that the western portion of the BT was previously validated by Dever (2009) and the southern and eastern portions of the trench have only one round of validation monitoring.

Results of the post installation monitoring at perimeter locations outside of the BT in May 2019 indicate a reduction of methane concentrations to below the threshold concentration of 1%v/v. The subsequent

monitoring of the northern portion of the BT undertaken by Biogas Systems on the 22nd May 2019 and 19th June 2019 confirmed the effectiveness of the BT as reported in Stage 1 Landfill Gas Risk Assessment Horsley Park 2019. This monitoring confirmed the effectiveness of the northern portion of the BT in the direction of the closest commercial / industrial land user.

In order to assess the gas migration (pathways) from the former landfill (source) to the Stage 2 development (receptor) newly installed perimeter wells were installed and monitored in an intensive six-week program. The risk assessment undertaken relies predominantly on the data gathered from the continuous monitoring locations and six weeks of spot monitoring of the new and relevant existing LFG wells. In addition to this intensive investigation, historical spot monitoring and groundwater level data has been utilised where it is deemed suitable for this risk assessment.

The data gaps addressed in this assessment include the re-establishment of a perimeter well spacing of 20m through additional locations and replacement of wells, more thorough investigation of conditions utilising continuous gas monitor, confirmation of borehole flow using a GFM, dipping of groundwater wells on multiple occasions to gain an understanding of groundwater elevation respective to the biofiltration trench and investigation of the effectiveness of the biofiltration trench.

Under current site conditions LFG at the Stage 1 and Stage 2 developments are not considered to pose an unacceptable risk to on-site human receptors. The LFG risk between Stage 1 and Stage 2 and the former Camide Landfill was determined to be Low (CS2) based on the Level 2 risk analysis and assessments completed for each adjoining site. There are no current sources on the Stage 1 and Stage 2 sites (except for CO2 in validated geotechnical fill). The only plausible pathways and therefore potential risk is only fully realised when ground gas can migrate beneath or through the biofiltration trench.

The surveyed depth of the trench is known from as constructed drawings, confirmation of the current perimeter well network elevation and depth in meters Australian Height Datum has been identified as a data gap requiring future work. The current assessment of the depth of groundwater and the depth of the biofiltration trench has been calculated using as constructed survey (relative levels) and field measurements meters below ground surface. More accurate confirmation of these elevations will provide more certainty that migration beneath the biofiltration trench is not occurring.

The Level 1 risk analysis and assessment identified services in proximity to the landfill as a potential receptor with a moderate qualitative risk. The services present on the Camide landfill are limited to stormwater which is collected along the western boundary and discharged by gravity to the north of the Stage 1 devleopment. This is the only plausible pathway for gas migration through services from the former Camide Landfill. There are no proposed or existing services between Stage 2 and the former Camide Landfill.

Based on the findings of this landfill gas risk assessment, the risk of landfill gas migration from the former Camide Landfill onto the Stage 1 and Stage 2 developments and causing harm to human health is considered low and no specific development constraints have been identified with the exception of ensuring that the buildings are constructed with a reinforced concrete ground-bearing foundation raft slab with limited service penetrations cast into slab.

3 LANDFILL GAS MANAGEMENT

3.1 Introduction

Landfill gas is being generated from the landfill and has the potential to migrate for a period of 10-20 years at levels that may cause harm to human health of the environment. Although significant investigations and remediation to prevent lateral migration (specifically the Biofiltration Trench) has been completed, the gas mitigation measure should be validated, and site conditions assessed over time.

The long-term monitoring of LFG is required to account for changing site conditions, climatic conditions and any natural disasters that may alter the effectiveness of the gas mitigation measures.

The term 'hazardous ground gas' is applied to both gases and vapours that may be present within the pore space of soils and rocks and may impact adversely upon human health and safety or the integrity of structures and may consequently affect activities such as the construction and management of buildings. Such gases or vapours may be of natural or anthropogenic origin.

The ground gases that are generally of concern in this context are:

- Methane, carbon dioxide, carbon monoxide, petroleum vapours, hydrogen, hydrogen sulphide, radon, volatile organic compounds (VOCs).

Of concern at the former Camide Landfill is the presence of methane and carbon dioxide in high concentrations.

- Methane (CH_4) is a flammable gas that is explosive in the concentration range 5–15% v/v in air (somewhat different ranges may apply in atmospheres with enhanced or reduced oxygen concentrations). It is also potentially an asphyxiant if its presence results in a low oxygen concentration. It is less dense than air and has a distinct odour.
- Carbon dioxide (CO_2) is an asphyxiant and toxic gas that is significantly denser than air and is odourless.

This EMP is the document to assist stakeholders manage landfill gas and ensure the performance of the gas mitigation measures until evidence suggest there is no longer a risk to surrounding land users.

3.2 Regulatory Requirements

The following laws, and relevant associated regulatory instruments, have been considered in the preparation of this EMP.

- Protection of the Environment Operations (POEO) Act 1997.
- Environment Planning and Assessment (EP&A) Act 1979.
- Contaminated Land Management (CLM) Act 1997.

The site is no longer an operating landfill, however, still maintains an EPL. The proposed screening criteria for the objective of this EMP is to provide a landfill gas management plan that will be enforced to ensure protection of surrounding land users from the former Camide Landfill. Therefore, the application of screening criteria from the Assessment and Management of Hazardous Ground Gases (NSW 2019) are the most applicable for the assessment of risk to surrounding sites posed by the former landfilling activities.

3.2.1 Environmental and Safety Plans

It is acknowledged that there are environmental and WHS risks associated with any works completed within the landfill site. This EMP has not specifically outlined the requirements for management of future potential civil works which may include excavation for maintenance and installation of services as these risks vary depending on the scope of works. The management of these future works will be required to be addressed in a standalone Construction Environmental Management Plan (CEMP) prepared by a suitably qualified

consultant or contractor specific to the works. The CEMP will include associated safety and environmental management requirements associated with ground disturbance activities with particular reference to hazardous gases, confined space, reinstatement and rectification or cap and the biofiltration trench as required. Any changes to site conditions will need to be reflected in an updated EMP to ensure risk is properly managed and monitored.

3.3 LFG Migration Controls

3.3.1 Landfill Cap

A landfill cap consisting of 1m clay and 0.5m landscaping material has been constructed at the site. The purpose of the cap is to reduce infiltration and reduce surface gas emissions. The landfill cap should be maintained to ensure continued performance. Performance of the cap will be assessed through surface monitoring and inspections as outlined below.

3.3.2 Perimeter Biofiltration Trench

The biofiltration trench should be maintained to ensure continued performance. This includes topping up the trench with coarse mulch as required and ensuring that the biofiltration media remains moist, particularly during the drier months. Monitoring and management of the biofiltration trench should be conducted in accordance with the handbook for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system (NSW DECC, 2010). Performance of the biofiltration trench will be assessed through surface monitoring and inspection as outlined below.

3.4 Adopted Threshold Criteria

The following table outlines the adopted threshold criteria to be applied to subsurface, surface and biofiltration trench emissions and enclosed space monitoring. The summary Table 4 below highlights the key criteria and the section below detail each aspect of monitoring.

Table 4 – Subsurface Gas Monitoring Locations

Aspect	Parameter	Threshold (NSW EPA 2019)
Subsurface	Methane (CH4)	1 %v/v
	Carbon dioxide (CO2)	1.5%v/v above historical
	Carbon monoxide (CO)	5ppm (Limit of Instrument error)
	Hydrogen sulphide (H2S)	5ppm (Limit of Instrument error)
	Water Level	Depth to water exceed the total
Surface Emissions	Methane (CH4)	500ppm (0.05%v/v)
	Windspeed	10 km/h
Biofiltration Trench	Moisture (Hand Squeeze)	50-60% Moisture*
Enclosed Space Monitoring	Methane (CH4)	1%v/v
	Carbon dioxide (CO2)	1.5%v/v
	Carbon monoxide (CO)	5ppm (Limit of Instrument error)
	Hydrogen sulphide (H2S)	5ppm (Limit of Instrument error)

*Field test commonly used in composting, refers to requirements in the handbook for Biofiltration (NSW DECCW, 2010)

3.5 Subsurface Gas Monitoring (Perimeter LFG Wells)

3.5.1 Requirements

The perimeter well network was established to monitor the lateral migration of LFG from the landfill. Post installation of the BT these perimeter wells act as trigger wells to monitor the effectiveness of the gas mitigation

measure. These perimeter wells are required to be operational to monitor the effectiveness of the trench and inform future landfill gas risk assessments if possible.

3.5.2 Objectives

The objective of the subsurface gas monitoring is to detect lateral migration of landfill gas across the biofiltration trench and measure the potential risk to off-site properties.

3.5.3 Monitoring Locations

Subsurface monitoring should be undertaken on all landfill gas monitoring wells for the Camide Landfill however the specific wells required to monitor conditions which may impact Stage 2 are outlined in Table 5 below. Monitoring locations are shown on Figure 2. Subsurface monitoring should be undertaken in accordance with NSW EPA *Environmental Guidelines: Solid Waste Landfill* (SWLG 2016).

Table 5 – Subsurface Gas Monitoring Locations

Well ID	Inside or Outside Trench
GM1	Outside
GM6	Outside
GM7	Outside
GM8	Outside
GM9	Outside
GM10	Outside
GM12	Outside
GM13	Outside
GM13A	Outside
GM14	Outside
GM15	Outside
GM15A	Outside
GM17	Outside
GM18	Outside
GM20	Outside
GM21	Inside**
GM22	Inside**
GM23	Outside
GM25	Outside
GM26	Outside
GM27	Outside
GM28	Inside**
GM29	Inside**
GM30	Outside
GM31	Outside
GM32	Outside
GM33	Outside
GM34	Outside
GM35	Outside
GM36	Outside
GM37	Outside
GM38	Outside

Well ID	Inside or Outside Trench
GM39	Outside
GM40	Outside
GM41	Outside
GM42	Outside
GM43	Outside / Background
GM44	Outside

'**' These wells are included in the monitoring program to provide data over time of the landfill gas conditions. They are not to be assessed against the threshold criteria for action due to their location on the inside of the biofiltration trench.

The condition of each LFG well should be noted on field forms and confirmation as operational or not for the purpose of LFG monitoring. In the event that a monitoring well becomes unsuitable for purpose then the replacement of the monitoring wells should be considered with respect to the overall coverage of the monitoring network.

3.5.4 Landfill gas analyser

Monitoring subsurface wells with a GA5000 LFG gas analyser (or equivalent) will be used to assess concentration of typical landfill gas constituents listed below in Table 6. The performance specification of the LFG analyser is presented in Table 6 below. The monitoring procedure for landfill gas well monitoring and bump test quality control requirements are provided in Appendix D.

Table 6 – Specification for handheld gas monitors

Range	CH_4	0 - 70% to specification, 0-100% reading		
	CO_2	0 - 40% to specification, 0-100% reading		
	O_2	0 - 25%		
	CO	0 – 200 ppm		
	H_2S	0 – 200 ppm		
	Flow	± 3.0 L/hr		
	Pressure	± 4.0 mb		
Typical accuracy	**Gas**	**0-5 %v/v**	**5-15 %v/v**	**15 %- Full Scale (FS)**
	CH_4	±0.5%	±1.0%	±3.0%
	CO_2	±0.5%	±1.0%	±3.0%
	O_2	±1.0%	±1.0%	±1.0%
	Gas		**0-FS**	
	CO (0 – 500 ppm version)		±10.0% FS	
	CO (0 to 2000 ppm, H_2 compensated version)		±10.0% of reading or 15 ppm, whichever is greater	
	H_2S (0 - 200 ppm)		±10.0% FS	

Table 7 – Subsurface Gas Monitoring Parameters

Parameter	Unit of Measurement
Methane (CH_4)	%v/v
Carbon dioxide (CO_2)	%v/v
Carbon monoxide (CO)	ppm
Hydrogen sulphide (H_2S)	ppm
Oxygen (O_2)	%v/v
Flow rate	Litres/hour
Pressure	mb (equivalent to Hpa)
Water level	mbgl

Table 8 – Subsurface Gas Monitoring Threshold

Parameter	Threshold (NSW EPA 2019)
Methane (CH_4)	1 %v/v
Carbon dioxide (CO_2)	1.5%v/v above historical background levels or above the identified background level reported in GM43 (Appendix B)
Carbon monoxide (CO)	5ppm (Limit of Instrument error)
Hydrogen sulphide (H_2S)	5ppm (Limit of Instrument error)
Water Level	Depth to water exceed the total depth of the biofiltration trench

In the event that a threshold concentration is exceeded this will trigger additional investigation in the form of data interrogation (QA/QC) and potentially resampling of the location(s) that exceeded the threshold. The background levels for carbon dioxide have been taken from the post BT installation or the highest reported background CO2 concentration reported at GM43 as shown in the table in Appendix B. The initial screening assessment against adopted criteria provides the first pass investigation of the gas conditions. Following the screening assessment results are to be plotted against historical and assessed for increasing trends. In the event of an increasing trend for LFG constituent's further investigation into the risk this increasing concentration will have on the adjacent Stage 2 development and occupants.

The water level threshold is a secondary indicator of the BT effectiveness and should be considered with gas concentration reported at the same location. In the event that gas concentration has exceeded threshold criteria and show a reported increasing trend comparison of trench invert levels and standing water levels mAHD should be reviewed. More intensive monitoring of groundwater conditions may be required to determine the period that a potential pathway exists beneath the BT.

This increased risk (if identified) could result in a Tier 3 risk assessment with Vapour Intrusion (VI) modelling or fast tracking future contingency measures of implementing an active gas extraction system.

The timing of the monitoring and frequency of the monitoring events is outlined in Table 9.

Table 9 – Subsurface Gas Timing and Frequency

Action Item	Frequency	Timing
Subsurface gas monitoring	Quarterly	February, May, August, November

The quarterly monitoring should continue for a period of 24 months following the implementation of this EMP. After a period of 24 months a review of the LFG trend should indicate a stable or reducing concentration trend for both methane and carbon dioxide and have reported below 1%v/v and 1.5%v/v (or established background) respectively for a period of 24 months.

In the event that a well(s) is reported dry at total depth an investigation of well integrity and weekly investigation of water levels and gas concentrations should be undertaken to assess the risk of off-site migration and effectiveness of the BT. If the well(s) experiences extended dry conditions a landfill gas risks assessment should be undertaken to determine the effectiveness of the BT and reassess the potential LFG risk to surrounding land users.

3.5.5 Reporting

Quarterly and annual reporting requirements as outlined in Section 5.

If methane concentrations exceed 1.25 %v/v (25% of the lower explosive limit) in the perimeter wells during monitoring, reporting to EPA is required as outlined in Section 60(4) of the CLM Act requires a person who has a duty to report contamination to notify the NSW EPA.

In the event that corrective actions are required reporting in the form of individual reports detailing the investigations undertaken will be submitted to the Project Manager, Site Owner and passed on to the appropriate regulatory authorities and notification to adjacent property owners where required.

3.5.6 Corrective / Contingency Actions

If methane concentrations exceed 1%v/v and other LFG constituents (CO2, H2S, CO) report data that represents an increasing trend within perimeter monitoring wells. an increase in testing frequency should be undertaken. The initial response will be to increase testing frequency based on a review of the data by the Environmental Consultant. Indicatively the initial assessments would be daily until stabilised then return to quarterly.

If exceedances of landfill gases are persistent and an increasing concentration trend is established over a period of three consecutive monitoring events this will trigger an update to the 2017 LFG Risk Assessment for the Camide Landfill (DLA, 2017), Stage 1 LFG Risk Assessment (DBD 2019) and Stage 2 LFG Risk Assessment (DBD 2020) to address the potential risk to off-site receptors. A landfill gas risk assessment should be undertaken in accordance with Guidelines for the Assessment and Management of Sites Impacted by Hazardous Ground Gases (NSW 2019) to determine additional LFG mitigation options.

Notifications will be made to the adjacent property owners/management if an update of the Stage 1 LFGRA and Stage 2 LFGRA is required (i.e. increasing concentrations trend and off-site service monitoring is required)

If a potential risk to off-site land uses is identified (via increasing trend in the perimeter monitoring wells over three consecutive events) in the routine monitoring or subsequent follow up monitoring of the off-site services, mitigation measures should be implemented in accordance with recommendations of the updated landfill gas risk assessment.

3.6 Surface Gas and Biofiltration Trench Monitoring

3.6.1 Requirements

The landfill has been capped to reduce water infiltration and vertical landfill gas migration. To ensure the ongoing performance of the cap, monitoring and maintenance is required.

3.6.2 Objectives

The objective of the surface gas monitoring is to demonstrate that the landfill cap is effective in controlling the emission of landfill gas and reducing infiltration. Monitoring the surface of the landfill should locate any point sources that may be emitting landfill gas.

3.6.3 Performance Indicators

- Methane concentrations do not exceed 500 ppm
- No large cracks or erosion noted
- Biofilter media in good condition, at correct moisture levels and has not subsided

3.6.4 Monitoring Requirements

Surface monitoring should be undertaken on the landfill in accordance with SWLG 2016 and EPL 123. Biofiltration trench monitoring should be undertaken in accordance with the handbook for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system (NSW DECCW, 2010)

3.6.5 Surface and utility pit gas analyser

Surface gas monitoring should be undertaken with a device with a detection sensitivity for methane of less than 100 ppm. An RKI Eagle 2 or TDL 500 instrument (or equivalent) is the preferred instrument with the required detection limit. Preferred instrument specification is summarised in Table 10 and the units of measurements and threshold for further investigation are outlined in Table 11. The monitoring procedure for surface walkover is outlined below and the bump test requirements are provided in Appendix D.

Table 10 – Surface gas analyser specification

Item	Range
Response Time, T90	CH4 - 4.5 seconds T10 standards: 2 seconds with suction rod T90: 6 seconds with suction rod T10: < 3.5 seconds
Gases Measured	CH4 by laser spectroscopy
Range	CH4 - 0-10,000 ppm and 0 ppm to 100% gas volume
ATEX	II 2G Ex ib IIB T4
CE	94/9/CE directive dated March 23rd 1994

During the surface gas and biofiltration trench walkover the wind conditions should be gathered using a handheld anemometer and recorded frequently on field notes.

Table 11 – Surface Gas Monitoring Parameters and Threshold

Parameter	Unit of Measurement	Threshold (NSW 2019)
Methane (CH_4)	ppm or %v/v	500ppm (0.05%v/v)
Windspeed	km/h	10 km/h
Moisture (Hand Squeeze)	-	50-60% Moisture*

*Hand squeeze methodology is not a threshold regulated in the NSW EPA 2019 guidelines or in the biofiltration handbook (DECCW 2010). This is a field test used in composting to easily determine moisture content of a similar media to the material present in the biofiltration trench.

The criteria for rainfall should be considered and noted if rainfall occurs prior to the surface emissions investigation. Although these are recommended values, they are not always achievable in period of dropping barometric pressure and need to be considered during the reporting phases. The timing of the monitoring and frequency of the monitoring events is outlined in Table 12.

Table 12 – Surface Emissions Timing and Frequency

Action Item	Frequency	Timing
Surface gas monitoring	Quarterly	February, May, August, November

3.6.6 Surface Walkover Monitoring Procedure

Methane should be tested in the atmosphere 50mm above the landfill surface in areas with intermediate or final cover/capping. Testing should be conducted in a grid pattern across the landfill surface at 25-metre spacings. Depressions in the cover material, or surface fissures away from the sampling grid, should also be investigated. The monitoring should be performed on calm days (winds below 10 kilometres/hour) and preferably during periods of relatively low and stable atmospheric pressure (e.g. less than 101.3 kPa). The procedure above is based on the surface emissions monitoring section of '*Environmental Guidelines: Solid Waste Landfill*' 2016.

3.6.7 Biofiltration Monitoring and Management

The following procedure for management and monitoring of the biofiltration trench has been taken from the NSW Department of Environment, Climate Change and Water 'Handbook *for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system*' (March 2010). Monitoring should occur quarterly plus after significant rainfall events e.g. > 20 mm of rainfall. Monitoring should also occur more regularly during drought to check the moisture levels of the biofilter media. Regular monitoring should include:

A regular inspection of the biofilter to assess the following:

- odours from the biofilter.
- condition of the biofilter media including settlement, formation of a surface crust, scouring, and / or desiccation of the media.
- moisture content of the upper layers of the biofilter media.
- ponding of water on the surface of the biofilter media.
- condition of vegetation growing on the biofilter surface, including weeds / unwanted vegetation; and
- condition of surface water management measures.

Monitoring of the following:

- composition and flow of landfill gas from the passive drainage system(s) to the biofilter(s) emissions / flux from the surface of the biofilter (methane and carbon dioxide).
- moisture content of the upper layers of the biofilter media, particularly in a dry / hot climate / drought condition; and
- depth of drainage water in the gas distribution layer / biofilter media.

The hand squeezed method for moisture determination is commonly used in the organics processing industry.

The simple method is as follows:

- Take a tennis ball sized sample of the organic material in your hand. Be aware of sharp objects.
- Squeeze the organic material like a firm handshake.
- Open your hand and inspect the organic material.

Results - If free water is released the organic material is too wet. If the organic material crumbles and falls apart it is too dry. If the organic material stays together the moisture content is correct (50-60%).

Maintenance of a passive gas drainage and biofiltration system is dependent on the results of monitoring and may involve the following:

- drainage of water from the aggregate gas distribution layer if the biofilter is in box / above ground or lined
- maintaining vegetation growth on the biofilter media e.g. mowing, trimming, weed removal and disposal
- topping up the media to overcome media settlement, if required

- turn / fork upper layer of media, as required, when / if a crust forms
- addition of a wetting agent to the biofilter media (upper layers), if found to not be holding water
- replacement of the upper layers of the biofilter media, if the crust too hard to break up and / or a wetting agent does not work.

Replacement of the biofilter media, if required, as determined by monitoring. Indicators may include:

- reduced biofilter performance i.e. methane oxidation rate
- large / excessive settlement, which may adversely affect media porosity and subsequently gas and water movement through the biofilter media
- ponding of water on the surface of the biofilter, which may indicate clogging and
- clogging of the biofilter media, which may be due to settlement, microbial growth or EPS formation, and which may adversely affect media porosity and subsequently gas and water movement through the biofilter media.

The biofilter media should be pre-mixed off site (at the source / producer of the materials) and delivered to site immediately prior to placement in the biofilter, to minimise construction time and storage on site, and consequently minimise potential odours or contamination of stormwater runoff.

Excavated waste should be disposed of immediately after excavation at an approved waste disposal site. Landfilled waste should not be stockpiled on the site.

3.6.8 Reporting

Quarterly and annual reporting requirements as outlined in Section 5.

In the event that corrective actions are required reporting of in the form of individual reports detailing the investigations undertaken will be submitted to the Project Manager, Site Owner and passed on to the appropriate regulatory authorities where required.

3.6.9 Corrective Actions

If methane concentrations exceed 500 ppm corrective action is required. Initial response is to complete additional walkovers with increased frequency (initially daily until conditions report below the adopted criteria). Flux (emissions) monitoring would then be conducted to quantify emission rates and help identify the extent of gas loss through the biofiltration trench.

The increase in methane concentrations above 500ppm at the surface may indicate a failure in the biofiltration media. After initial investigations the following actions, guided by the findings and observations of the biofiltration trench may include but not be limited to:

- Repairing or replacing cover material (spent biofiltration media).
- Repairing or replacing underlying porous material (clear any blockages).
- Adjustment or installation of landfill gas controls to extract and treat gas.

3.7 Gas Accumulation in Enclosed Structures

3.7.1 Requirements

Monitoring of the potential for LFG to accumulate in subsurface pits and enclosures (i.e. stormwater pits, telecommunication, power pits, irrigation pits etc) on or near the landfill to ensure gas is not accumulating to dangerous levels.

Landfill gas is primarily made up of methane, carbon dioxide, carbon monoxide and hydrogen sulphide and must not accumulate in buildings. Methane is explosive in the range of 5% to 15% (volume/volume), and landfill gas can be an asphyxiant in enclosed spaces.

3.7.2 Objectives

The objective of the subsurface structure gas monitoring is to monitor gas build up which may have the potential to be explosive risk on site and have the potential to migrate off-site to surrounding land users.

3.7.3 Performance Indicators

- Methane concentrations do not exceed 1 %v/v (NSW 2019)

3.7.4 Monitoring Requirements

Gas accumulation monitoring in enclosed structures monitoring should be undertaken in accordance with SWLG 2016 and the procedures outlined in Appendix D. Monitor potential gas accumulation in subsurface structures which do not have preventative measures installed. These monitoring points should include the stormwater pits which run to the north across into Stage 1 from the landfill site as shown on Figure 3 and Table 13 below. The monitoring procedure for landfill gas monitoring of enclosed structure and bump test quality control requirements are provided in Appendix D.

Table 13 – Enclosed structures identified for monitoring

Enclosed Structure ID	On-site Structure
SW1	On-site (Inside BT)
SW2	On-site (Outside BT)

The stormwater pits collect surface water from the landfill capping and direct waters into the initial collection pit (SW1) which is located beneath the surface on the inside of the BT. This pit is connected to the next pit (SW2) which is located in the detention basin to the north and then connects into a stormwater management system which moves to the north along the western boundary of the Stage 1 property to discharge near Burley Road.

It should be noted that the future plans indicate an adjacent road to the west of the landfill which will include services including, but not limited to, stormwater. These future locations should be included in updated versions of the EMP or noted and incorporated into the monitoring schedule.

3.7.5 Landfill gas analyser

Monitoring of utility pits with an LFG gas analyser (GA5000 or equivalent) will be used to assess concentration of typical landfill gas constituents. The performance specification of the LFG analyser is presented below in Table 14 and the units of measurement are provided in Table 15. The threshold for LFG gas concentrations in enclosed structures is presented in Table 16 with other gases to be recorded for information rather than a threshold for action.

Table 14 – Specification for handheld gas monitors

Range	CH_4	0 - 70% to specification, 0-100% reading		
	CO_2	0 - 40% to specification, 0-100% reading		
	O_2	0 - 25%		
	CO	0 – 200 ppm		
	H_2S	0 – 200 ppm		
	Flow	± 3.0 L/hr		
	Pressure	± 4.0 mb		
Typical accuracy	**Gas**	**0-5 %v/v**	**5-15 %v/v**	**15 %- Full Scale (FS)**
	CH_4	±0.5%	±1.0%	±3.0%

	CO_2	±0.5%	±1.0%	±3.0%
	O_2	±1.0%	±1.0%	±1.0%
	Gas		**0-FS**	
	CO (0 – 500 ppm version)		±10.0% FS	
	CO (0 to 2000 ppm, H_2 compensated version)		±10.0% of reading or 15 ppm, whichever is greater	
	H_2S (0 - 200 ppm)		±10.0% FS	

Table 15 – Enclosed Structure Gas Monitoring Parameters

Parameter	Unit of Measurement
Methane (CH_4)	%v/v
Carbon dioxide (CO_2)	%v/v
Carbon monoxide (CO)	ppm
Hydrogen sulphide (H_2S)	ppm
Oxygen (O_2)	%v/v

Table 16 – Enclosed Structure Gas Monitoring Threshold

Parameter	Threshold (NSW 2019)
Methane (CH_4)	1%v/v
Carbon dioxide (CO_2)	1.5%v/v
Carbon monoxide (CO)	5ppm (Limit of Instrument error)
Hydrogen sulphide (H_2S)	5ppm (Limit of Instrument error)

In the event that a threshold concentration is exceeded this will trigger additional investigation in the form of an initial data interrogation and resampling of the location(s) that exceeded the threshold. The timing of the monitoring and frequency of the monitoring events is outlined in Table 17.

Table 17 – Enclosed Gas Timing and Frequency

Action Item	Frequency	Timing
Enclosed structure gas monitoring	Quarterly	February, May, August, November

3.7.6 Reporting

Quarterly and annual reporting requirements as outlined in Section 5.

If methane concentrations exceed 1.25 %v/v (25% of the lower explosive level) in the enclosed structure during monitoring, reporting to EPA is required as outlined in Section 60(4) of the CLM Act requires a person who has a duty to report contamination to notify the NSW EPA.

In the event that corrective actions are required reporting of in the form of individual reports detailing the investigations undertaken will be submitted to the Project Manager, Site Owner and passed on to the appropriate regulatory authorities and adjacent property owners where required.

3.7.7 Corrective Actions

If methane concentrations exceed the adopted threshold criteria within enclosed structures, an increase in testing frequency should be undertaken. The increase in frequency should be determined based on a review of the data by the Environmental Consultant. Indicatively the initial assessments would be daily until stabilised then return to quarterly.

If exceedances of landfill gases are persistent and an increasing concentration trend is established there is a potential risk to off-site receptors. A landfill gas risk assessment should be undertaken in accordance with *Guidelines for the Assessment and Management of Sites Impacted by Hazardous Ground Gases (NSW 2019)* to determine additional LFG mitigation options.

If a potential risk to offsite land uses is identified, mitigation measures should be implemented in accordance with recommendations of and updated landfill gas risk assessment.

These may include application of proprietary products (sealants i.e Sikaflex) that seal the inside of pits alterations to the pit lids (i.e. fireproof mesh) and or ventilation.

3.8 Data Collection

To ensure the data collected is of sufficient quality and can be relied upon the works should be undertaken by a suitably qualified person. The methodologies for collection of data should be undertaken in accordance with SWLG 2016 and industry best practice.

All equipment used for the collection of data should have appropriate detection levels and accuracy for the monitoring undertaken. Calibration certificates and other quality assurance and quality control procedures undertaken should be documented and discussed in the annual report.

In preparation for each monitoring event weather conditions including rainfall, windspeed and barometric conditions before during and after each monitoring event should be downloaded from the Bureau of Meteorology (BOM). Specifically, BOM data should be collected from the nearest weather station (Badgerys Creek) that collects this data at the required frequency.

The required field forms to complete the field data collection are provided in Appendix C.

4 ROLES AND RESPONSIBILTIES

The roles and responsibilities for execution of the EMP is outlined in Table 18 below.

Table 18 – Roles and Responsibilities for the EMP

Responsible party	Task
CSR Building Products Limited (Site Owner)	Implementation of EMP including the following: ▪ Maintains ultimate responsibility for implementation of the EMP. ▪ Acknowledge that the EMP is an important document for the safe operation and management of the Site. Make an executive manager responsible for implementation. ▪ Appoint a project manager and an environmental consultant, to perform the necessary tasks as specified in the EMP. ▪ Provide this EMP to purchasers, tenants and contractors, or delegate this role to the owner's solicitor or agent. ▪ Ensure that potential future purchasers of the former Camide Landfill Site are aware of remediation works that have been undertaken and the need to develop their own ongoing management measures to ensure that the integrity of the gas mitigation system is not compromised and that there is no unacceptable risk to building occupants as a result of Hazardous Ground Gas (HGG) intrusion. ▪ Review plans for future works and associated method statements as required, to check that adequate environmental management measures are incorporated into the planning and are aligned with this EMP. ▪ Ensure monitoring works are being conducted and reported to the Site Auditor (if required) in compliance with the requirements included in this EMP. ▪ Maintenance of any site controls or protection measures which form part of this EMP. ▪ Maintenance of the document so that it continues to reflect the site conditions, best practice occupational health and safety recommendations and any changes to the regulatory framework ▪ Maintenance of the document so that it continues to reflect the site conditions, best practice occupational health and safety recommendations and any changes to the regulatory framework ▪ Submit reports to the appropriate regulatory authority or adjacent site owners where required. ▪ Notify the NSW EPA when required as outlined in Section 60(4) of the CLM Act.
Project Manager	▪ Provide competent and suitably qualified personnel for the investigation and/or monitoring of environmental matters. ▪ Liaise with the site owner on environmental management issues. ▪ Coordinate the activities of specialist sub-consultants, testing sub-contractors and project personnel with environmental assessment/monitoring responsibilities. ▪ Assess the suitability of specialist sub-consultants, testing organisations to carry out environmental assessment monitoring/responsibilities.
Environmental Consultant	▪ Undertake monitoring of landfill gas as outlined in this EMP to assess the integrity of the cap and gas mitigation system to validate that there is no unacceptable risk to site users as a result of HGG. ▪ Ensure QA/QC procedures according to the Australian Standards and NEPC guideline requirements are employed. ▪ The Environmental consultant will be complying with statutory requirements applicable to their work, reporting any incidents that may result health or environmental risk arising in connection with their work, and provide monitoring data to the Project Manager and Site Owner in a timely manner.

Responsible party	Task
	▪ Provide assessment reports the with recommendations, as required, based upon the results obtained during investigation / monitoring works.
Employees and Caretakers of the former Camide Landfill	▪ Notify the site owner or its representative of any situation which they consider may represent a potential health risk (such as unexpected finds). ▪ Respond to the directions of the site owner, project manager or other person with delegated authority with respect to environmental matters. ▪ Do not undertake any works (without the permission of the site owner) which may potentially cause environmental impacts (such as disturbance of the landfill capping layer).
Contractors and maintenance workers	▪ Subcontractors employed during any future works will have contractual obligations placed on them to comply with the EMP. As part of the tender briefing process, potential subcontractors should be made aware of their obligations to minimise the environmental impacts of their works. ▪ Subcontractors and suppliers will be required to attend inductions where specific environmental issues are addressed if deemed appropriate. They will be made aware of their requirements to adhere to the EMP in the induction program. ▪ Ensure that risks have been assessed and suitable control measures implemented where the site cap will be disturbed. ▪ Ensure the gas mitigation system and capping are protected during future works. ▪ Ensure that operatives are briefed on the presence of contaminated material below the cap and the potential for landfill gas in trenches, excavations, enclosed voids or within the gas mitigation system.

4.1 Enforcement of the EMP

The responsible party for execution of the EMP will be the site owner (currently CSR Building Products Limited) who will ensure that the works are undertaken and where required threshold exceedances acted upon. In addition to this responsibility the following legal enforceability is outlined in the sale of contract as detailed below.

"Pursuant to the sale contracts between CSR Building Products Limited and the owners of Stage 1 (DP1259616 Lot 202 and DP1264857 Lot 301) and Stage 2 (DP1214912 Lot 103). Trust in respect of the sale of Lots 101 & 102, 327 – 335 Burley Road, Horsley Park CSR Building Products Limited is:

1. responsible to perform any continuing obligations (including under the EMP) which relate to Lots 101, 102 (Stage1 Development) and 103 (Stage 2 Development), 327 – 335 Burley Road, Horsley Park These lots are currently identified in six maps as DP1259616 Lot 202, DP1264857 Lot 301 and DP1214912 Lot 103 respectively.

2. entitled to gain access to Lots 101, 102 & 103, 327 – 335 Burley Road, Horsley Park to enable it to discharge those obligations.

CSR Building Products Limited's rights and obligations continue until its obligations are discharged and, for clarity, do not end with settlement of its sale of Lots 101, 102 & 103, 327 – 335 Burley Road, Horsley Park."

4.2 Currency of the EMP

The site owner is responsible for the site conditions and management of the former Camide landfill to ensure that the EMP is executed and risk to surrounding land users does not exist. The validity of the EMP is to an extent based on the site conditions remaining stable as a closed landfill with regular monitoring and maintenance.

In the event that the site conditions change (i.e. additional development on the landfill) or conditions on adjacent and surrounding sites change (i.e. additional underground services, roads etc) there may be a

requirement to assess these changes in a LFG risk assessment. Any minor changes that occur should be reported in the annual report and may not require a complete update of the risk assessment, however if considered significant by the Environmental Consultant a recommendation to review the pathway in a formal risk assessment should be made.

4.2.1 Perimeter Monitoring Network

The suitability of the perimeter monitoring network should be reviewed annually to ensure that the objectives of the EMP are being met. Consideration should be given to replace lost/destroyed wells to ensure the currency of the EMP and adequacy of the perimeter monitoring network to meet the minimum requirements of the intent of this EMP. This should be undertaken during the annual review as outlined in Section 5.

5 REPORTING/REVIEW

5.1 General

Quarterly monitoring will be reported in a summary letter outlining the works completed, weather conditions and a summary of exceedances. The report will also include tabulated data and compared to the relevant threshold criteria and a figure of the surface walkover survey. The quarterly report will be issued to the Site Owner who should act on any exceedances (if required).

Annual reporting of landfill gas results should be undertaken and submitted to the Site Owner for review and action where required. This report should include presentation of results over the previous 12 months. Any trends or significant results should be highlighted and explained. A review of the methodologies employed, and quality of the data collected should be presented within the annual report. The annual reporting should include an assessment of the risks present at the site boundary as per assessment procedures set out in NSW EPA (2019). Ongoing assessment of the Gas Characterisation Score as measured at the boundary will be utilised as an assessment of potential risk to adjacent properties and site users. Annual review of the monitoring program with regards to site configuration (i.e. development) should be documented in this reporting to capture any significant changes to the site configuration.

Technical reports must be prepared and signed by appropriately qualified and experienced persons. The NSW EPA recognises the CEnvP (SC) and CPSS CSAM certifications as providing a thorough process for certifying contaminated land consultants to an acceptable minimum standard of competency.

5.2 Incident Reporting

The EPA shall be notified of any incident that represents a threat to the environment. If methane is detected at concentrations above 1 % (volume/volume), the occupier must notify the EPA promptly. Within 14 days of this notification, the owner of the site must submit a plan to the EPA for further investigation and/or remediation of the elevated gas levels.

If an acute or explosive risk from ground gases is suspected then immediate action, including contacting relevant emergency services, should be taken to address the risk. It is possible that during ground gas investigations, the presence of gas that is positively or tentatively identified as originating from leaks in gas mains or other services may be detected. In these circumstances the service provider and, if appropriate, the emergency services (NSW Police, NSW Fire and Rescue) should be notified immediately.

5.3 Emergency Contacts

In the event of an incident which has resulted in an acute risk to human health or explosion then dial triple zero to request the required assistance. For incidents that are not considered to put human health in imminent danger then the Project Manager and/or the Site Owner should be notified. Details of the Project Manager and Site Owner should be provided during the site induction.

The list of contacts in Table 18 below outlines the contact details which may be called upon or require notification in an emergency situation.

Table 19 – Emergency Contacts List

Service	Number
All life threatening emergencies	000 (triple zero)
NSW State Emergency Services (SES) – emergency in floods and storms	132 500
NSW Police Assistance – Non-life-threatening calls	131 444
Inner West Council – Emergency after hours:	02 9392 5000
Ausgrid – Power failure, power lines down	13 13 88
Jemena Gas	13 19 09

Service	Number
Sydney Water	13 20 90
Telstra	13 22 03
Optus	13 13 44

5.4 Current and Future Site Conditions

The landfill site is currently a dormant site with no development presently within the allotment with the exception of stormwater bunds, detention pond and associated pits and pipes. The surface capping and access roads are at final leaves and are currently unsealed.

There are no proposed plans to develop the former Camide Landfill site with the only potential change in conditions to improve the gas management or in the event that gas migration measures are required to be implemented (i.e. active LFG extraction system.

In the event that future development is proposed or an active gas extraction system was proposed the works would likely have already triggered an assessment of LFG risk for the risk to on-site users.

5.5 Review

Annually the Environmental Consultant shall review the environmental performance of the site (to be included in the annual report). The review should:

- Analyse the monitoring results and compare them against the relevant statutory requirements, limits or performance measures/criteria and monitoring results of previous years.
- Identify any non-compliance over the last year and describe what actions were or are being taken to ensure compliance.
- Identify any trends in the monitoring data.
- Outline any actions that are required to be implemented to improve environmental performance.
- Identify any additional activities on-site and adjacent to site that may impact LFG migration pathways.
- Confirm or update the previous Characteristic Situation (CS) based on the update Gas Screening Values.

If actions or conditions arise that have altered the conditions of the site, then an additional LFG risk assessment should be completed to assess the risk to surrounding off-site users. In the event that the results of an updated LFGRA require additional LFG mitigation measures (i.e. active extraction) then the EMP should be reviewed and updated to reflect the significantly changes site conditions.

In undertaking a revision of the current EMP the following must occur:

- The site owner must inform the adjacent site owners of the change in conditions.
- If required notify the relevant authorities for environmental and planning changes (including but not limited to NSW EPA and Council).

6 REFERENCES

Biogas Systems Australia (BSA) 2019 – Landfill Gas Risk Assessment, Stage 1 Horsley Park NSW.

Biogas Systems Australia (BSA) 2019 – Environmental Management Plan Landfill, Horsley Park NSW (Stage 1).

Department of Environment, Climate Change and Water (DECCW, 2009) *Handbook for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system*.

Dever, S (2009) *Passive Drainage and Biofiltration of Landfill Gas: Behaviour and Performance in a Temperate Climate*. A thesis submitted in fulfilment of the requirements for the degree of Doctor of Philosophy. School of Civil and Environmental Engineering UNSW Sydney Australia.

Department of Environment, Climate Change and Water (DECC) 'Handbook *for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system*' (March 2010)

DBD Environmental (2020) - *Landfill Gas Risk Assessment, Stage 2, 327 – 335 Burley Road, Horsley Park NSW*

DLA (2013) *Phase 1 Preliminary Environmental Site Assessment, Lot 1 in DP 106143, CSR Building Products, 327 – 335 Burley Road, Horsley Park.* DLA Environmental.

DLA (2013) *Phase 2 Detailed Environmental Site Assessment, Lot 1 in DP 106143, CSR Building Products, 327 – 335 Burley Road, Horsley Park*. DLA Environmental.

DLA (2014) *Remediation Action Plan, 327 – 335 Burley Road, Horsley Park NSW 2175.* DLA Environmental.

DLA (2018) *Transpiration Area Assessment, 327 – 335 Burley Road, Horsley Park NSW 2175*. DLA Environmental (ERM).

DLA (2018e) V*alidation Report, 327 – 335 Burley Road, Horsley Park NSW 2175*. DLA Environmental (ERM).

DLA (2017) *Former Camide Landfill - Landfill Gas Risk Assessment, 327 – 335 Burley Road, Horsley Park NSW 2175.*

DLA (2017) *Former Camide Landfill – Validation Sampling, Analysis and Quality Plan, 327 – 335 Burley Road, Horsley Park NSW 2175.* DLA Environmental (Pacific Environment).

EGIS Consulting Australia (1999) *'Landfill Closure Plan for Camide Landfill, Horsley Park'*.

ERM (2019) *Landfill Gas Data Summary – Stage 1, Horsley Park NSW.*

ERM (2019) *Landfill Well Cover Letter.*

NEPC (1999) *National Environment Protection (Assessment of Site Contamination) Amendment Measure 2013* (No.1). National Environment Protection Council.

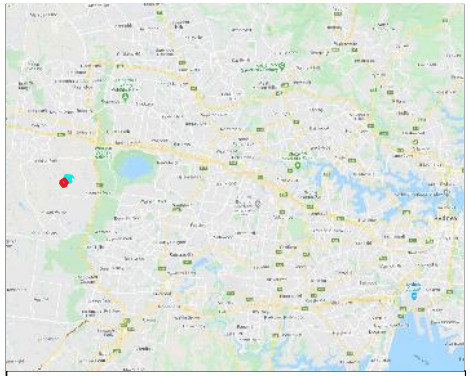
NSW EPA (2017) *Contaminated Land Management: Guidelines for the NSW Site Auditor Scheme 3rd edition.* New South Wales Environment Protection Authority.

New South Wales Environmental Protection Agency (2019), *'Guidelines for the Assessment and Management of Sites Impacted by Hazardous Ground Gases'*.

VIC EPA Publication 1684, (February 2018), *Landfill gas fugitive emissions monitoring guideline*.

New South Wales Environmental Protection Agency (2016), *'Environmental Guidelines: Solid Waste Landfill*'.

Appendix A: FIGURES



LEGEND

- Stage 1
- Stage 2A
- Stage 2B
- Stage 2C
- Stage 3

Site Boundary

- Former Carmide Landfill

0 0.1 0.2 km

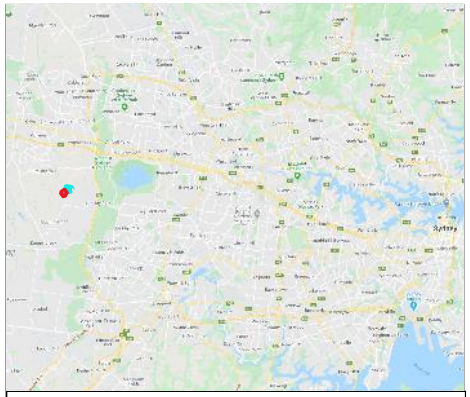
N

Job No. 0103	Revision No: 2
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 1 - Site Location Plan

biogas systems



LEGEND

Site Boundary

Former Carmide Landfill

Trench

Existing Trench

New Trench

Monitoring Wells

LFG

New LFG Location

Damaged / Decommissioned

0 10 20 30 40 50 m

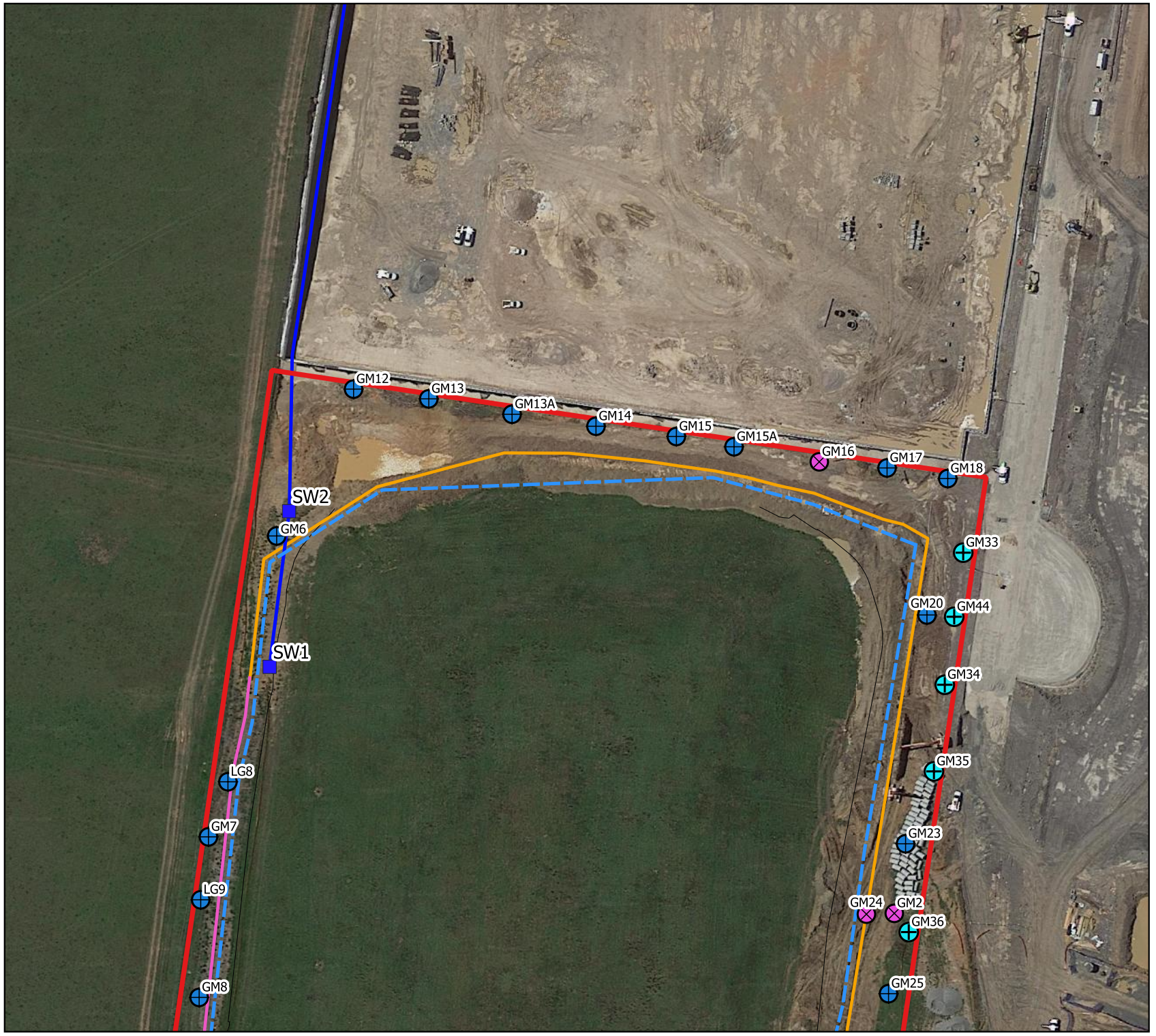
N

Job No. 0103	Revision No: 2
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 2 - LFG Well Locations

biogas systems



LEGEND

- Former Camide Landfill
- Existing Biofiltration Trench
- New Biofiltration Trench
- Extent of Waste
- SW Pits

Monitoring Wells

- LFG
- New LFG Location
- Damaged / Decommissioned

0 10 20 30 40 50 m

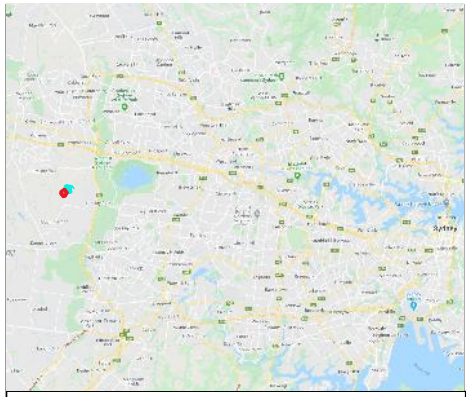
N

Job No. 0103	Revision No: 3
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 3 - Site Stormwater Pit Location

biogas systems



LEGEND

Site Boundary

Former Carmide Landfill

Trench

Existing Trench

New Trench

Monitoring Wells

Background Location

0 50 100 150 200 m

N

Job No. 0103	Revision No: 1
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 4 - Background LFG Well Location

biogas systems

Appendix B: CARBON DIOXIDE BACKGROUND CONCENTRATIONS TABLE

Table 1
Background Concentrations for Methane and Carbon Dioxide (Sept 2020)

Location	Stabilised Background Concentrations (1st September 2020)		Well Location inside /outside biofiltration trench	Well Location around the landfill
	CH_4	CO_2		
ID number	% v/v	% v/v		
GM1	0.0	6.4	Outside	EASTERN
GM6	0.0	6.4	Outside	WEST
GM7	0.0	6.4	Outside	
GM8	0.0	6.4	Outside	
GM9	0.0	6.4	Outside	
GM10	0.0	6.4	Outside	
GM12	0.0	6.4	Outside	NORTHERN
GM13	0.0	6.4	Outside	
GM13A	0.0	6.4	Outside	
GM14	0.0	6.4	Outside	
GM15	0.0	6.4	Outside	
GM15A	0.0	6.4	Outside	
GM17	0.0	9.5	Outside	
GM18	0.0	6.4	Outside	
GM20	0.6	10.3	Outside	EASTERN
GM21	1.0	6.4	Inside*	
GM22	40.9	21.1	Inside*	
GM23	0.0	9.8	Outside	
GM25	0.0	14.4	Outside	
GM26	0.0	17.2	Outside	
GM27	0.3	16.2	Outside	
GM28	25.3	19.7	Inside*	SOUTHERN
GM29	0.1	12.9	Inside*	
GM30	0.0	6.4	Outside	
GM31	0.1	12.5	Outside	
GM32	0.0	6.4	Outside	
GM33	0.2	6.4	Outside	EASTERN
GM34	0.1	6.4	Outside	
GM35	0.0	6.4	Outside	
GM36	0.0	6.4	Outside	
GM37	0.0	6.4	Outside	
GM38	0.0	6.4	Outside	SOUTHERN
GM39	0.0	6.4	Outside	
GM40	0.0	6.4	Outside	
GM41	0.0	6.4	Outside	
GM42	0.0	6.4	Outside	
GM43	0.0	4.9	Outside	Background
GM44	0.0	6.4	Outside	EASTERN
LG8	0.0	6.4	Outside	WESTERN
LG9	0.0	6.4	Outside	
LG10	0.0	6.4	Outside	

Note: The results are taken from ERM Raw data provided for review and the previously reported VGT results for wells GM6-GM10

*'These well locations are located on the inside of the BT in close proximity to the waste and are only monitored to assist in future interpretations rather than threshold criteria

Appendix C: TEMPLATE FIELD FORMS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Site:			Occupier:		Licence/notice number:				Date:		Start time:			Finish time:		
2	Monitoring personnel:					Monitoring equipment:				Date of last calibration:			Bump test:				
3	Atmospheric pressure at start (mb):					Rising or falling: Stable/Falling				Weather and ground conditions:							
4					Peak (% v/v)			Stabilised (% v/v)			Stabilised (ppm)		Stabilised (% v/v				
5	ID	Start time	Atmospheric pressure (mb)	Relative pressure (mb)	CH4	CO2	Min O2 (% v/v)	CH4	CO2	O2	CO	H2S	Bal	Aspiration time when stabilised readings were taken, add note if not stabilised	Flow (l/h)	Depth to water (mBGL)	Comments e.g. bore condition (sealed, unsealed, CH4 CO2 CH4 CO2 O2 Balance desiccated bentonite etc)
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Instrument				
Serial number				
Next manfacturer's cal due				
Gas mixture	100 ppm isobutylene and 2.5 % v/v methane balance nitrogen			

Date	**Instrument zeroed** Y/N	**Result** Within limits (+/- 5%)	**Pump, filters and battery check**	**Signature**

Date	Instrument zeroed Y/N	Result Within limits (+/- 5%)	Pump, filters and battery check	Signature

Appendix D: MONITORING PROCEDURES

LANDFILL GAS WELL MONITORING PROCEDURE

The following provides a detailed repeatable procedure for recording gases from monitoring wells in Australia and has been adapted as follows:

1. Prior to arrival at the site, monitoring personnel should complete a brief desktop review of the locations to be monitored to develop an understanding of the number and types of locations to be monitored and the likely time required to complete the monitoring.

2. Before starting monitoring, turn the instruments on in a location unlikely to be affected by LFG (or other air contaminants). Confirm that the instruments give readings that are considered likely for these conditions (generally <0.1% methane, <0.1% carbon dioxide, 21.0% oxygen, 79% balance (nitrogen) for an extractive landfill gas analyser and 0.0 ppm for a low-concentration methane detector). Bump test the instrument and recalibrate if outside tolerances of +/- 5%.

3. Record background information, including site identification, start time of the monitoring round, date, prevailing weather and recent weather conditions, current ground conditions, instruments used (and serial numbers), person completing monitoring and so on. During the monitoring any observations of significance (like changes in weather) will also be noted.

4. Visually inspect the monitoring well and, without breaking the gastight seal, note any issues or deficiencies that may prevent representative data being obtained (such as landfill gas odours, unsealed bores, screened sections of pipework above ground level, failed bentonite seal or an open gas tap). Note whether the bore is locked and secure.

5. Connect the sample tubing to the monitoring well and record the differential pressure, including whether the pressure is positive (+) or negative (–). This must be done in a manner that prevents the pressure in the well, being altered prior to measurement. If the well is fitted with a gas sampling tap, connect the sample tubing to the instrument and the gas sampling tap prior to opening the tap. If the well is fitted with a quick-connect coupling, connect the sample tubing to the instrument before being fitted to the bore quick-connect fitting. Record the differential pressure then the well flow in litres per hour. Flow and pressure must be recorded before starting the instrument pump or measuring gas concentrations as the pump may remove any accumulated gas in the well headspace leading to a false negative.

6. Record the atmospheric pressure. Turn on the pump and record the peak and stabilised concentrations of methane and carbon dioxide and other gases as required that may be required.

7. If the monitored gas concentrations have not reached a stabilised concentration (stable gas concentration (±0.3 %v/v) after monitoring for a short period (3 minutes) after three minutes of continuous sampling record the final gas concentrations, along with the direction and rate of change in concentration (rapidly or slowly increasing or decreasing) and note them as non-stabilised final readings.

8. If very high LFG concentrations are recorded on the instrument (>30 %v/v methane and/or 30 %v/v carbon dioxide), then monitoring of the well should be extended beyond three minutes to try to further determine the persistence of the gas detected within the well.

9. Once the peak and stabilised concentrations have been recorded, fully close the gas sampling tap (if applicable) and disconnect the sample tubing from the gas tap.

10. All recording of variables will be carried out using the GA5000's in-built logging software combined with proprietary software. This reduces risk of transcription error and as logging software eliminates the need for pencil and paper it means that delays caused by inclement weather are reduced.

GAS IN ENCOLOSED STRUCTURES AND SERVICE PIT PROCEDURE

The Victorian EPA developed the '*Landfill Gas Fugitive Emissions Monitoring Guidelines*', Publication 1684 (February 2018) provides the most comprehensive protocol for recording gases from utility and service pits in Australia and has been adapted as follows:

1. Prior to arrival at the site, monitoring personnel should complete a brief desktop review of the locations to be monitored to develop an understanding of the number and types of locations to be monitored and the likely time required to complete the monitoring. The instrument should also be checked for calibration information and bump checked with a certified gas mixture.
2. Before starting monitoring, turn the instrument on in a location unlikely to be affected by landfill gas (or other air contaminants where possible). Confirm the instrument is giving readings considered likely for the conditions. Note that the global background methane concentration is ~ 1.8 ppm (Myhre et al, 2013). If using an FID or Eagle, it can be influenced by emissions from vehicles and industry/commerce. If a busy road or active industrial or commercial emissions are observed nearby, note their effect on the readings of the RKI Eagle before commencing monitoring of the subsurface services.
3. Note background information, including site identification, start time of the monitoring round, date, atmospheric pressure, prevailing weather and recent weather conditions, current ground conditions, instruments used (calibration and serial numbers), person completing monitoring and so on. During monitoring any observations of significance (like changes in weather) should be noted.
4. Record the type and location of the first monitoring location. It is often useful to record the address (street number and name) of the monitoring location and/or GPS coordinates.
5. Visually inspect the location and note any issues or deficiencies with the location that may prevent representative landfill gas monitoring data being obtained (this might include landfill gas odours, unsealed service or inaccessible service).
6. Record factors that may influence the method of monitoring, and that may be useful to record, include:
    - dimensions of the subsurface service
    - sealing of the subsurface service
    - accessibility of the subsurface service
    - any known landfill gas dissipation measures
    - weight of access panels or covers into subsurface services
    - locking mechanisms on access panels or covers (if applicable).
7. Turn on the instrument and insert the probe into the metal grate. Attempt to monitor across the lateral and vertical profile of the service to account for the density of methane which may be venting from different areas inside the service pit.

8. Record the highest concentration of methane and approximately stable concentration should this occur. Due to the resolution of the instrument used and the mixing of gases in the sub-surface services with air, the ppm readings rarely stabilise to a set number but will tend to stay within a range, this range should be recorded. Particular attention will be focused on the pipe inlet (preferential lateral migration) and the valve pit walls/box itself (to assess LFG moving directly from the nearby soil/fill in contact or close to the box).

BUMP TEST PROCEDURE

To check the accuracy of the in-house or rented gas analysers, the Field Technicians conduct calibration checks according to the following approach:

1. Functional (bump) tests are performed during each data download. The bump tests are conducted prior to and after the full calibration for each instrument. A bump test involves exposing the instrument to a calibration gas mixture of known oxygen and methane concentrations to demonstrate instrument response. The bump test verifies the alarm is triggered when gas of a sufficient concentration is applied and assesses whether the instrument accurately measures concentration when a gas of known concentration is applied. The post calibration bump test verifies the instrument has been calibrated successfully. The bump test procedures include the following steps:
2. Attach the Gas Alert clip to the Technician's top pocket and turn on. If at any stage the alarm sounds, turn off gas and vacate the area until clear.
3. Multi-gas containing a known concentration of oxygen, methane concentration, carbon dioxide, hydrogen sulphide and carbon monoxide is applied to the sampling inlet to check the sensor. The Field Technician attaches the tubing to the sample inlet on the instrument and activates the manually controlled regulator. The concentration of gases is selected to be like the range of gases expected to be recorded on site e.g. if the site instrumenting was for perimeter well compliance then methane calibration Gas range would be about 1.0 to 2.5 % v/v.
4. With the calibration gas applied to the sample inlet, the LEL reading is allowed to stabilise (30 seconds approximately), and recorded on a calibration field sheet, or in the electronic workbook format. A maximum margin of ±5 % in the reading is acceptable.
5. Full calibration of gas instruments is conducted during each visit or when the above field verification test is outside the acceptable range. A full calibration consists of a fresh air calibration and a multi-sensor field calibration using a known gas mixture. The fresh air calibration is conducted in the open air outside of dwellings or enclosed areas. Both types of calibrations are automatically performed by the instruments once selected.
6. In the event the full calibration fails, the malfunctioning instrument is replaced with an instrument that meets all requirements (including calibration) and specifications. The malfunctioning instrument is returned to the Equipment Manager for inspection and assessment, who attempts to determine whether the unit must be returned to the supplier for a factory calibration. Until the factory calibration is performed on the malfunctioning instrument, it is replaced by another, fully calibrated instrument

Site Audit Report

Lot 201 and Lot 202 DP1244593 (Stage 2A)
8 and 10 Johnston Crescent,
Horsley Park NSW

Prepared for

CSR Building Products Limited

James Davis
NSW EPA Accredited Contaminated Land Site Auditor
Accreditation Number: 0301

Final Report

December 2020 **Report Reference: 600105_0301-1807**

Report Title

Site Audit Report
Lot 201 and Lot 202 DP1244593 (Stage 2A)
8 and 10 Johnston Crescent,
Horsley Park NSW

Report Reference: Ref: 600105_0301-1807
Revision Status: Final

Site Audit Details:

Enviroview Project Reference: 600105
Site Auditor: James Davis
Site Auditor Accreditation Number: 0301

List of Site Audit Statements that this report relates to:

0301-1807

Client Details:

Site Audit Commissioned By: CSR Building Products Limited
Client Contact: Wayne Pasalich

Document Control:

Revision Status	Date	Approved	Distribution		
			Client	Council	NSW EPA
Final	4/12/2020		*e/h*	*SAS-e*	*SAS-e*

Notes: (h) – hard copy and number of copies; (e) – electronic soft copy

Enviroview Pty Ltd
PO Box 327
Gladesville NSW 1675

Executive Summary

This Site Audit Report and subsequent Site Audit Statement have been produced to document the findings of a Site Audit, conducted by James Davis of Enviroview Pty Ltd, a New South Wales Environmental Protection Authority (NSW EPA) Contaminated Land Accredited Site Auditor on the subject site identified as Stage 2A, Lot 201 and Lot 202 of DP1244593 located at 8 and 10 Johnston Crescent, Horsley Park NSW.

The Site Audit has been conducted following a request from CSR Building Products Limited to undertake a Site Audit on the site and to determine in the Site Auditor's opinion whether the site is suitable for the proposed land use. It is understood that the site is proposed to be developed for continued commercial/industrial land use.

As the Site Audit is not commissioned to meet a specific requirement of a development consent or approval given under the *Environmental Planning and Assessment Act 1997* it has not been conducted as a Statutory Site Audit as defined by s 47(c) of the *Contaminated Land Management Act 1997*.

The objective and scope of the Site Audit was to independently review the assessment and validation works conducted at the site and the environmental consultant's reports that have been prepared for the site and to determine whether the site is suitable for the proposed land use. The site land use will remain unchanged; therefore, this Site Audit has been undertaken with consideration to commercial/industrial land use.

The outcome of the Site Audit is this Site Audit Report and subsequent Site Audit Statement (0301-1807), a copy of which will be attached to the back (following the appendices) of this report.

In order to achieve the objective of the Site Audit, the Site Auditor reviewed the relevant site assessment works undertaken as reported by the consultant together with a review of the remedial planning and site validation works completed. The Site Auditor has also completed a review of a works associated with the assessment of risk of potential landfill gas impact to the Site Audit area arising from an adjoining former landfill site located to the west of the Site Audit and an Environmental Management Plan (EMP) for land fill gas that has been prepared for the adjoining former landfill.

The Site Audit assessed if the consultant's work complied with relevant procedures and guidelines and whether it provides a robust basis for determining whether the objective has been met regarding the suitability of the land for the proposed land use.

The Site Auditor has inspected the site and reviewed the relevant documents prepared by the contaminated land consultants relating to the works conducted at the site.

The investigation, assessment and validation work reported and reviewed are considered to have met the requirements of NSW EPA (2017) *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition)* and other guidelines approved under s.105 of the *Contaminated Land Management Act 1997* and the objectives of the Site Audit and the Site Auditor is satisfied that the assessment and validation works have been appropriately undertaken.

The NSW EPA (2017) *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition)* prescribe that during an assessment of the suitability of a site for an existing or

proposed land use in an urban context, Site Auditors should follow the decision-making process for assessing urban redevelopment sites provided in the guidelines.

The decision-making process prescribed in the NSW EPA (2017) *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition)* has been followed by the Site Auditor and the site is considered suitable for the proposed commercial/industrial land use, however, the landfill gas risk assessment conducted has identified a low risk of landfill gas migration from the former Camide Landfill located immediately to the west of the Site Audit area.

In the Site Auditor's opinion, the proposed monitoring and inspection program contained in the EMP effectively mitigates risk to site users in relation to potential risk associated with migration of landfill gas onto the Stage 2 area (including Area 2A) from the adjoining former landfill to the west. Ongoing risk at the Stage 2A development area is minimal, however, this is contingent on the implementation of the EMP. The EMP has appropriately addressed potential risk factors and the inspections, maintenance controls, and monitoring specified in the EMP should effectively continue to ensure the Site Audit area remains suitable for continued commercial/industrial land use.

While the requirements of the EMP are not specifically included in the Environmental Protection Licence (EPL) that applies to the landfill site, ongoing monitoring is a requirement and subject to ongoing regulation by the NSW EPA. In addition, there exists a contract for sale of the land with specific provision for the Vendor (CSR) to undertake all obligations relating to the contamination of the site. The provision in the contract will enable the purchaser to seek specific performance of that agreement regarding the obligations imposed by the EMP. The Site Auditor is therefore satisfied that there the EMP can be reasonably enforced.

The EMP will be attached to the Site Audit Statement which is required to be noted on the planning certificate issued by the Council under s 10.7 of the *Environmental and Planning Act 1979* as required by State Environmental Planning Policy no. 55. Purchasers must be provided the planning certificate as an attachment to the contract for the sale of land under s 52A(2) of the *Conveyancing Act 1919* and *Conveyancing (Sale of Land) Regulation 2010*.

In conclusion, a Site Audit Statement will be issued certifying that, in the opinion of the Site Auditor that the Site is suitable for commercial and industrial use subject to the implementation of the EMP.

Acronyms and Abbreviations

ACM	Asbestos Containing Material
AF/FA	Asbestos Fines/Friable Asbestos
AHD	Australian Height Datum
ANZECC	Australian and New Zealand Environment and Conservation Council
BTEX	benzene, toluene, ethylbenzene, and xylenes
bgl	Below Ground Level
COC	Chain of custody (can also be contaminants of concern)
DA	Development Application
DEC	Department of Environment and Conservation (NSW)
DECC	Department of Environment and Climate Change (NSW)
DECCW	Department of Environment, Climate Change and Water (NSW)
DP	Deposited Plan
DSI	Detailed Site Investigation
HILs	health-based investigation levels
IA	interim advice
LOR	Limit of Reporting
m	Metre
MW	monitoring well
NEHF	National Environmental Health Forum
NEPC	National Environment Protection Council
NEPM	National Environment Protection Measure
NHMRC	National Health and Medical Research Council
NRMMC	Natural Resource Management Ministerial Council
NSW	New South Wales
OCPs	Organochlorine pesticides
OEH	The NSW Office of Environment and Heritage
OPPs	Organophosphorus pesticides
PAH	Polycyclic aromatic hydrocarbons
PID	Photoionisation Detector
RAP	Remedial Action Plan
RPD	Relative Per cent Difference
SAR	Site Audit Report
SAS	Site Audit Statement
SEPP 55	State Environmental Planning Policy No. 55 – Remediation of Land
TPH	Total Petroleum Hydrocarbons
TRH	Total Recoverable Hydrocarbons
VOCs	Volatile organic compounds

Table of Contents

List of Tables

List of Appendices

1 Introduction

1.1 Overview

This Site Audit Report and subsequent Site Audit Statement have been produced to document the findings of a Site Audit, conducted by James Davis of Enviroview Pty Ltd, a New South Wales Environment Protection Authority[1] (NSW EPA) Contaminated Land Accredited Site Auditor accredited under Part 4 of the *Contaminated Land Management Act 1997* as a Site Auditor.

The Site Audit has been conducted in accordance with the requirements of the *Contaminated Land Management Act 1997* (the 'Act'). The Act defines the Site Audit as follows:

> "site audit" means a review:
>
> (a) that relates to management (whether under this Act or otherwise) of the actual or possible contamination of land, and
>
> (b) that is conducted for the purpose of determining any one or more of the following matters:
>
> (i) the nature and extent of any contamination of the land,
>
> (ii) the nature and extent of any management of actual or possible contamination of the land,
>
> (iii) whether the land is suitable for any specified use or range of uses,
>
> (iv) what management remains necessary before the land is suitable for any specified use or range of uses,
>
> (v) the suitability and appropriateness of a plan of management, long-term management plan or a voluntary management proposal.

Furthermore, the Act provides the following definitions:

> "Site Audit Report" means a site audit report prepared by a site auditor in accordance with Part 4 [of the Act].
>
> "site audit statement" means a site audit statement prepared by a site auditor in accordance with Part 4 [of the Act].

The *Contaminated Sites: Guidelines for the NSW Auditor Scheme (3rd edition)*, (NSW EPA, 2017) describes the site assessment and Site Audit process where the consultant is commissioned to assess the contamination and the Site Auditor reviews the consultant's work.

[1] *The NSW EPA has undergone several name changes in the recent past; however certain statutory functions and powers have always and continue to be exercised in the name of the Environmental Protection Authority (NSW EPA). The NSW EPA is responsible for environmental regulation and associated activities throughout NSW including those activities regulated under the Contaminated Land Management Act 1997. The use of the names NSW Department of Environment and Conservation (NSW DEC), NSW Department of Environment and Climate Change (NSW DECC), NSW Department of Environment, Climate Change and Water (NSW DECCW), NSW Office of Environment and Heritage (NSW OEH) and NSW EPA in this report are used with reference to the name relevant at the time and context of the reference but are considered interchangeable and can be interpreted as one and the same.*

The Site Auditor inspected the site and reviewed relevant documents prepared by the consultants relating to the remedial planning, remediation and validation works completed for the site.

1.2 Guideline Documents

Guidelines made or approved by the NSW EPA under s.105 of the Act at the time of the Site Audit include:

- Contaminated Land Guidelines: Assessment and Management of Hazardous Ground Gases, NSW EPA, 2019 (NSW EPA, 2019)
- Contaminated Sites: Guidelines for the vertical mixing of soil on former broad-acre agricultural land, NSW EPA, 1995 (NSW EPA, 1995)
- Contaminated Sites: Sampling Design Guidelines, NSW EPA, 1995 (NSW EPA, 1995)
- Contaminated Sites: Guidelines for Assessing Banana Plantation Sites, NSW EPA, 1997 (NSW EPA, 1997)
- Contaminated Land Guidelines: Consultants Reporting on Contaminated Land, NSW EPA ,2020 (NSW EPA, 2020)
- Contaminated Sites: Guidelines for Assessing Former Orchards and Market Gardens, NSW DEC 2005 (NSW DEC, 2005)
- Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition), NSW EPA, 2017 (NSW EPA, 2017)
- Contaminated Sites: Guidelines for the Assessment and Management of Groundwater Contamination, NSW DEC, 2007 (NSW DEC, 2007)
- Contaminated Sites: Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act 1997, NSW DECC, 2015 (NSW EPA, 2015)
- Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZG, August 2018), (ANZG, 2018) (except for the water quality for primary industries component, which still refer to the ANZECC & ARMCANZ 2000 guidelines)
- Australian and New Zealand Guidelines for Fresh and Marine Water Quality. Australian and New Zealand Environment and Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand, Paper No 4, 2000 (ANZECC/ARMCANZ, 2000) (primary industries only)
- Composite Sampling. Lock, W. H., National Environmental Health Forum Monographs, Soil Series No.3, 1996, SA Health Commission, Adelaide (NEHF, 1996)
- Environmental Health Risk Assessment: Guidelines for assessing human health risks from environmental hazards. Department of Health and Ageing and EnHealth Council, Commonwealth of Australia, 2012 (EnHealth, 2012)
- National Environment Protection (Assessment of Site Contamination) Measure, National Environment Protection Council, 1999 (Amended May 2013) (NEPC, 1999, Amended 2013)

- Guidelines for the Assessment and Clean Up of Cattle Tick Dip Sites for Residential Purposes, NSW Agriculture and CMPS&F Environmental, February 1996 (NSW Agr., 1996)
- Australian Drinking Water Guidelines. National Health and Medical Research Council and Natural Resource Management Ministerial Council, 2011 (NHRMC/NRMMC, 2011)

From time to time the NSW EPA may amend the guidelines made or approved under s.105 of the Act.

Several additional technical notes and guidance is also provided by the NSW EPA that may not be made or approved under the *Contaminated Land Management Act 1997* that may be relevant to the site contamination management, where relevant these have been considered and include the following:

- Guidelines for Implementing the Protection of the Environment Operations (Underground Petroleum Storage Systems) Regulation. NSW DECCW, 2009. (NSW DECCW, 2009)
- Technical Note: Investigation of Service Station Sites (NSW EPA, 2014a).
- Waste Classification Guidelines Parts 1-4 (Classifying Waste, Immobilisation of Waste, Waste Containing Radioactive Material, and Acid Sulfate Soils). NSW Environment Protection Authority, 2014 (NSW EPA, 2014b).

1.3 Site Auditor

James Davis of Enviroview Pty Ltd, is a NSW EPA Contaminated Land Accredited Site Auditor (NSW EPA Accreditation Number 0301) and conducted the Site Audit.

The Site Audit was initiated by a request from representatives of CSR Building Products Ltd who engaged the Site Auditor for this Site Audit on the 21 May 2018.

1.4 Type of Site Audit

The purpose of the Site Audit is to provide an independent review of the assessment and validation works as presented in the consultant(s) reports. As the Site Audit is not a specific requirement of a development consent or approval given under the *Environmental Planning and Assessment Act 1997* or any other statutory notice or instrument it has not been conducted as a Statutory Site Audit as defined by s 47 of the *Contaminated Land Management Act 1997*.

1.5 Objective and Scope of the Site Audit

The objective and scope of the Site Audit was to independently review the environmental consultant's assessment and validation reports prepared for the site and to determine whether the site is suitable for the proposed land use. The proposed land use is defined as commercial/industrial for the purposes of this Site Audit. A former landfill site, referred to as the former Camide Landfill, is located immediately to the west of the Site Audit area. The potential for landfill gas migration from the adjoining site onto the Site Audit area has been

assessed as part of the Audit with reports prepared for both the Site Audit area and the adjoining former landfill site reviewed by the Site Auditor.

In order to achieve the aim of the Site Audit, the Site Auditor reviewed the work undertaken as reported by the consultants and assessed whether the consultant's work complied with relevant procedures and guidelines and provides a robust basis for determining whether the land is suitable for the proposed land use. The outcome of the Site Audit is this SAR and subsequent conditional SAS, (SAS number 0301-1807) a copy of which is attached to the back (following the appendices) of this report.

1.6 Documents Reviewed

The following documents were reviewed as part of this Site Audit:

DLA Environmental Services (June 2013). *Phase 1 Preliminary Environmental Site Assessment, Lot 1 in DP 106143 CSR Building Products 327-335 Burley Road, Horsley Park.* Reference DLH1121_H0000033, dated June 2013. (DLA, June 2013)

DLA Environmental Services (September 2013). *Phase 2 Detailed Environmental Site Assessment, Lot 1 in DP 106143 CSR Building Products 327-335 Burley Road, Horsley Park.* Reference DLH1121_H0068, dated September 2013. (DLA, September 2013)

DLA Environmental Services Pty Ltd (DLA) (February 2018). *Stage 1 and Stage 2 February 2018 Site Status – 327-335 Burley Road, Horsley Park, NSW 2175*. Report No. DL3109_S008131, dated 22 February 2018. (DLA, February 2018)

DLA (March 2018). *Bund Wall Remediation Strategy, 327-335 Burley Road, Horsley Park, NSW 2175*. Report No. 0449086_S008289, Version 2.0, dated 27 March 2018. (DLA, March 2018)

DLA Environmental Services (June 2018). *Bund Wall Assessment Report, 327 – 335 Burley Road, Horsley Park, NSW, 2175.* Reference 0449086_S008491, dated June 2018. (DLA, June 2018)

ERM (December 2018). *Addendum to Remediation Action Plan: Bund Wall Remediation Strategy, 327 – 335 Burley Road, Horsley Park, NSW 2175.* Reference 0449086_S009295, dated 7 December 2018. (ERM, December 2018)

ERM (December 2019). *Remediation Action Plan, 327-335 Burley Road, Horsley Park NSW 2175.* Reference S010173, dated 20 December 2019. (ERM, December 2019)

ERM (September 2020). *Validation Report, Stage 2A, 6 Johnston Crescent, Horsley Park NSW 2175.* Reference 0449086_S010649, dated 4 September 2020. (ERM, September 2020)

Biogas Systems Australia (November 2020). *LFG Management Plan, Environmental Management Plan for Landfill Gas, Horsley Park Landfill*. Reference: 0103_RPT0076.D, dated 13 November 2020. (BSA, 2020)

DBD Environmental (November 2020). *Landfill Gas Risk Assessment Stage 2, Horsley Park*. Reference 0093_DBD_RPT0002A, dated 1 December 2020 (DBD, 2020)

1.7 Site Audit Inspections

While undertaking the Site Audit one site inspections was conducted. The following table lists the details of the inspection of the site conducted by the Site Auditor.

Table 1-1 Site Inspections

Date	Attendance
20 September 2019	Site Inspection and familiarisation
23 November 2017	Site Inspection of remediation
31 May 2018	Site Inspection of land fill assessment and remediation
13 June 2018	Site inspection of completed remediation and validation

1.8 Audit Correspondence

Correspondence in the form of Site Audit interim advice was issued regarding the Site Audit to clarify and request additional information and to provide guidance on the Site Audit requirements. Site Audit interim advice is provided in **Appendix A**.

1.9 Chronology of Site Assessment and Audit Works

The process of site assessment, Site Auditor review and preparation of final Site Audit Statement and report undertaken at the site has been summarised in the following.

Table 1-2 Summary Site Detail

Date	Action
June 2013	A *Phase 1 Preliminary Environmental Site Assessment* (DLA, June 2013) was undertaken for the wider site area (inclusive of Stage 2A) by consultant DLA.
September 2013	Preparation of *Phase 2 Detailed Environmental Site Assessment* (DLA, September 2013) for the wider property (inclusive of Stage 2A) by DLA.
7 December 2018	*Addendum to the Remediation Action Plan: Bund Wall Remediation Strategy* prepared by consultant ERM.
20 December 2019	A *Remediation Action Plan* (RAP) (ERM, December 2019) was prepared by consultant ERM. The RAP addressed both Stage 2 and Stage 3 areas.
15 August 2016	Engagement of James Davis of Enviroview Pty Ltd to conduct a non-Statutory Site Audit for the property (Site Audit is **0301-1619** completed for Stage 1 on 16 August 2019)
June 2016 to July 2020	Soil assessment and validation of the site is completed under the supervision of consultant DLA/ERM.
19 March 2018	Preparation of *Material Assessment and Importation Procedure* (DLA, March 2018). The consultant noted that this report was prepared to fulfil recommendations from the RAP (ERM, December 2019).
21 May 2018	Engagement of James Davis of Enviroview Pty Ltd to conduct a non-statutory site audit of Stage 2A.
31 May 2018	Preparation of Site Audit Interim Advice 01 (0301-1807-IA 01) providing feedback on the Bund Wall Remediation Strategy document following a review by Site Auditor James Davis.
12 June 2020	Preparation of Site Audit Interim Advice 02 (0301-1807 IA02) providing feedback on the Landfill Gas Risk Assessment Sampling and Analysis Quality Plan following a review by Site Auditor James Davis.
10 August 2020	Preparation of Site Audit Interim Advice 03 (0301-1807 IA 03) providing feedback on the draft *Validation Report* following a review by Site Auditor James Davis.
4 September 2020	Finalisation of *Validation Report* (ERM, September 2020) by consultant ERM.

Date	Action
5 November 2020	Preparation of Site Audit Interim Advice 04 (0301-1807 IA 04) providing feedback on the Landfill Gas Risk Assessment and EMP following review by Site Auditor James Davis.
13 November 2020	Finalisation of the updated EMP (BSA, 2020) by consultant BSA.
30 November 2020	Preparation of Site Audit Interim Advice 05 (0301-1807 IA 53) providing feedback on the revised Landfill Gas Risk Assessment and EMP following review by Site Auditor James Davis.
1 December 2020	Finalisation of the *Landfill Gas Risk Assessment – Stage 2* (DBD, 2020) by consultant DBD.
4 December 2020	Preparation of a Site Audit Statement and Site Audit Report for **Site Audit 0301-1807** conducted by James Davis of Enviroview Pty Ltd regarding the remediation and validation works conducted on the site and its suitability for the proposed land use.

2 Site Description

2.1 Site Identification

A summary of the site identification details is provided in **Table 2-1**.

Table 2-1 Summary Site Detail

Street Address:	8 and 10 Johnston Crescent, Horsley Park NSW
Development Phase:	Stage 2A
Lot and DP	Lot 201 and Lot 202 of DP1244593
Zoning:	IN1 – General Industrial under Fairfield Local Environmental Plan Amendment (Western Sydney Employment Area) 2009
Local Government Area:	Fairfield City Council
Site Audit Size:	11.739 hectares

Located within **Appendix B** are plans that depict the site. The consultant's **Figure 1** identifies the site location while **Figure 2** illustrates the location of what is referred to throughout the Site Audit as the Stage 2A area within the wider site. The outline of the former Camide Landfill to the west of the Stage 2A area is evidence in **Figure 2**. The registered subdivision plan provided for Lot 201 and Lot 202 of DP1244593 is the defined Site Audit site.

The Site Audit area occupies the southern portion of the property at 327-335 Burley Road, located within the suburb of Horsley Park. The site is located approximately 36 Km west-northwest of the Sydney central business district within the Fairfield City Council local government area.

2.2 Surrounding Environment

Surrounding land uses specific to the Site Audit area are (ERM, September 2020):

- North – Stage 2C and 2B and Stage 3 of the wider redevelopment area with Burley Road, Old Wallgrove Road, and commercial/industrial land use beyond (warehouse and logistics facilities)
- East – rural residential properties
- South – rural residential properties
- West – Camide Landfill and rural properties beyond

2.3 Topography and Hydrology

ERM (ERM, September 2020) reported that the Site Audit area lies at an elevation approximately 72 to 95 m Australian Height Datum (m AHD) and described the site as having an overall downwards gradient from east to west. The consultant noted that the site was currently going cut and fill works which was altering the local topography. An earthen bund approximately 10-15 m high runs along the southern and eastern boundaries of the Site Audit site.

2.4 Geology and Hydrogeology

The consultant (ERM, September 2020) undertook a review of the 1:100,000 Penrith Geological Series Sheet 9035. The site is reported to be underlain by Bringelly Shale of the Wianamatta Group. The 1:100,000 Penrith Soil Landscape Map indicates the site is in an area of Blacktown Group soils. The consultant reported that there were no known occurrences of acid sulfate soils in the vicinity of the site. The consultant noted that owing to the quarrying activities and redevelopment works conducted at the site, the site has little resemblance to the previous natural soil landscape.

DLA (ERM, September 2020) undertook a search for registered groundwater monitoring bores within a 500-metre radius of the site using the NSW Office of Water Groundwater bore data. The search identified two registered monitoring bores approximately 400 m to the north-west of the site. The recorded groundwater level was 2.89 m bgl. With consideration of the topography and hydrology of the surrounding area, the consultant anticipated that groundwater flow across the site would be expected to flow in a west to north-westerly direction towards Ropes Creek.

As part of the Phase 1 assessment of the broader site, the consultant (DLA, June 2013) undertook a review of the Department of Infrastructure, Planning and Natural Resources (DIPNR) Salinity Potential in Western Sydney 2002 risk map. Groundwater in the general area of the site is classified as having a moderate salinity potential.

2.5 Audit Discussion of Site Description

The information provided by the consultant regarding the site condition and surrounding environment has been checked against and meets the requirements of NSW EPA Guidelines (NSW EPA, 2020). The information provided in the consultant's reports are also consistent with the observations made by the Site Auditor during the site inspections.

Overall, the information provided by the consultants in relation to site condition and the surrounding environment is considered adequate for the purposes of assessing the suitability of the site for the intended purposes. As such, in the Site Auditor's opinion the information provided meets the requirements of the Site Audit.

3 Site History

A review of the site's history was completed as part of the *Phase 1 Preliminary Environmental Site Assessment* (DLA, June 2013) for the wider site area, with Stage 2A occupying the southern portion of the assessment area. Review of land title records by the consultant indicated that the site was registered as Crown Land prior to 1954. The site appears to have been privately owned for a period of time (1954 to 1960), until ownership was transferred to Booths Clay Industries Pty Ltd (1960), following which the site was used for commercial/industrial purposes changing ownership again in 1989 (EKI Pty Ltd) and 1995 (Monier PGH Holdings Ltd). The consultant completed a review of historical aerial photographs dating from 1947 to 2009. Aerial photographs confirmed commercial/industrial activities on the wider site between 1961 and 1970, in particular quarrying activities which continued beyond 2009. It is understood that the wider site has been primarily used for large scale quarrying, brick and tile manufacturing since 1960 until recent times. Prior to its commercial use, the site comprised rural land. An assessment of the former landfill area to the west of the Site Audit site by BSA (BSA, 2019) confirmed that the former landfill was operated by a waste management contractor from May 1990 to February 1994. The landfill was capped and revegetated in 1995. Further assessment and remediation have been undertaken at the former landfill, however, this area falls outside of the Site Audit area. Relevant discussion of assessment of the former landfill area in relation to the Site Audit area have been addressed in **Section 9** and **10**.

3.1 Audit Discussion of Site History

The information required by NSW EPA (1997), in regard to the documentation of the site history, has been provided and meets the requirements of the Site Audit with regard to the objectives of the Site Audit. Unfortunately, aerial photographs were not appended to the *Phase 1 Preliminary Environmental Site Assessment* (DLA, June 2013) for review and verification, however this is not considered to impact upon the outcome of the Site Audit.

The site history information provided by the consultant has been checked against and meets the requirements of the guidelines made or approved by the NSW EPA.

The consultant DLA (June 2013) also included a review of Section 149 planning certificates issued by Council on 22 July 2009. The certificate did not indicate the presence of any notifications or matters arising under the *Contaminated Land Management Act 1997.* It was noted that the site contains or is in close proximity to a critical habitat, namely a core habitat for Cumberland Plain Endangered Ecological Community. This area of critical habitat is located to the east of the Stage 2A area (Site Audit area).

The extent of site history information presented by the consultant is considered adequate for the purposes of identifying potential contamination issues at the site.

4 Potential Contaminants of Concern

With respect to the Site Audit area, the consultant DLA/ERM confirmed that potential areas of environmental concern were identified from review of available desktop study information and observations made during a site walkover completed as part of the preliminary investigations at the site. These areas were also refined during site assessment and soil validation works (ERM, September 2020). Areas of environmental concern identified for assessment and validation included the southern bund, former dam areas and stockpiled material. Contaminants of potential concern identified for assessment and validation of the various areas of the site included heavy metals, total recoverable hydrocarbons (TRH), polycyclic aromatic hydrocarbons (PAHs), benzene, toluene, ethylbenzene, xylenes compounds (BTEX), pesticides (OCP/OPP), polychlorinated biphenyls (PCBs), and asbestos.

The potential for migration of landfill gas from the adjoining former Camide landfill to the west of the Site Audit area was also identified with the potential for landfill gases such as methane, carbon dioxide, carbon monoxide and hydrogen sulphide noted and assessed by consultant DBD (DBD, 2020). Trace gas analysis was also completed at the landfill boundary to assess for potential vapour contaminants of concern including petroleum hydrocarbons and volatile organic compounds (BSA, 2019).

4.1 Audit Discussion of Potential Contaminants of Concern

The consultants identified potential contamination issues at the site based on the findings of desktop studies, site inspections and site assessment conducted. The potential contaminants identified are considered to have been suitably comprehensive noting the site location and history. Therefore, the Site Auditor is satisfied that the potential contaminants of concern identified were appropriate for the assessment of the site. The potential contaminants of concern were considered acceptable to enable assessing the suitability of the site for the intended land use and have met the objectives of the Site Audit.

5 Data Quality Objectives

The Data Quality Objectives (DQO) process is used to define the type, quantity and quality of data needed to support decisions relating to the environmental condition of a site. It provides a systematic approach for defining the criteria that a data collection design should satisfy. The USEPA developed the DQO process as a seven-step iterative planning approach, to be undertaken prior to investigative work.

NSW DEC (2017) states that Site Auditors must check that the consultant has properly addressed and adopted DQOs for the investigation or validation program and that the consultant's report includes the following:

- A statement of predetermined DQOs for the field and laboratory procedures, including quantitative DQOs (in this instance these DQO are related to the implementation of adequate field and laboratory QA /Quality Control (QA/QC) and are referred to as Data Quality Indicators for the quantitative assessment of data quality).
- A plan to achieve pre-determined DQOs.
- Procedures to be undertaken if the data does not meet the expected DQOs.

5.1 Audit Discussion on Data Quality Objectives

Data Quality Objectives are a planning tool that is an independent process from the Quality Assurance/Quality Control (QA/QC) processes that are standard in both investigation and validation reports. The DQOs are specific to each project/package of work and should be completed prior to any fieldwork to assist in development of an optimal sampling analytical and quality plan in order to most effectively reach the projects objectives.

DQOs have been established during the assessment and validation works undertaken at the site by consultant DLA and BSA. Overall, the details of the DQOs conducted across the works completed at the site are sufficient and meet the objectives of this Site Audit.

6 Site Assessment

6.1 Overview of Site Assessment Activities

The following provides an overview of assessment activities undertaken at the site by consultant DLA at the site. A *Phase 1 Preliminary Environmental Assessment* and *Phase 2 Detailed Site Investigation* was prepared by the consultant with the objective being to assess for the likelihood of contamination to exist on the site and whether the site would be suitable for the continued commercial/industrial land use. The Phase 1 and Phase 2 assessments addressed the entire area of 327 – 335 Burley Road which includes the Site Audit area. As such, overviews of the early assessment works provided in the following sub-sections address the broader site, within which lies the Site Audit area. For clarity, the Site Auditor has made reference to the term 'broader site' to clarify aspects of the assessment which relate to the wider site area. Specific information for the Site Audit area has also been included and clearly identified where possible.

6.2 Phase 1 Preliminary Environmental Assessment

DLA undertook at *Phase 1 Preliminary Environmental Assessment* (DLA, June 2013) for the entire property located at 327 – 335 Burley Road, within which the Site Audit area occupies the southern-most portion. The consultant noted the area of assessment was approximately 72 hectares in size. It was reported that the objective of the assessment was to undertake a review of all existing information on the site and assess the possibility for past and present site activities which may have caused contamination to soils or groundwater at the broader site.

At the time of the assessment in 2013, the broader site was being used for brick manufacturing and associated quarrying activities. Site features across the broader site included process plant, office and amenity buildings, raw material stockpile areas, a clay quarry, sedimentation dames, settling ponds and storage dams, and the former Camide Landfill. The consultant noted that the ground level across the assessment area had been modified with the formation of earthen bunds and excavation of quarry voids. A site plan prepared by the consultant illustrating the location of the various site features described in the *Phase 1 Preliminary Environmental Assessment* is presented in **Appendix C.**

As part of the review of site history, the consultant reported that the following available resources were reviewed:

- records and site plans available from Government and State agencies
- geological and hydrogeological maps
- historical aerial photographs

The consultant reviewed Fairfield City Council Section 149 Certificate (now referred to as a s 10.7 planning certificate) for the entire Lot 1 DP106143. The Section 149 Certificate confirmed the following (among other aspects):

- the land does include or comprise a critical habitat
- the land is not a conservation area
- an item of environmental heritage is not situated on the land

- no matters apply to this property under the *Contaminated Land Management Act 1997*

The consultant completed a search of WorkCover's Stored Chemical Information Database for the broader site which indicated that dangerous goods have been historically stored on the site under licence number 35/017021. WorkCover records indicated that six underground storage tanks (USTs) had been decommissioned at the site. Four of the USTs were removed from the site in 1994. Two tanks (21,000 litres (L) and 5,000 L) remain at the site abandoned in situ[2]. The consultant confirmed the tanks are located to the north of kiln No. 2 and between the front office and No. 6 dryer respectively. In the Phase 1 report conclusion the consultant notes that documents from 1973 and 1974 indicate the possibility of a large number of USTs may remain undetected at the site with hand draw maps accompanying WorkCover records showing an additional 12 USTs at the site. No other documentation is available in relation to these USTs. An above ground diesel storage tank was identified during the Phase 1 assessment in the north of the site adjacent to the weighbridge. All petroleum infrastructure was reported to be located outside of the Site Audit area.

The consultant undertook a search of all records pertaining to Section 58 of the CLM Act 1997 and confirmed that the site, nor any sites in the vicinity, are not encumbered by any notices.

The following site features for the broader site were observed by the consultant as part of the Phase 1 assessment:

- An office building and factory are present, beside which finished products and raw materials are stored for use. The factory and raw material areas are surrounded by earthen bunds. It is understood that the purpose of the bunds is to delineate areas on-site and offer protections from potential noise and dust to surrounding receptors.
- USTs and an above ground oil storage tank were located to the north and east of the factory building, however, these have since been removed.
- A diesel AST is located on the northern part of the site near the buildings.
- The north-east corner of the broader site was the initial quarry area and has since been backfilled. The consultant noted that the backfill material may have comprised overburden generated from newer quarry areas on the site. The time period for backfilling of this quarry area coincided with expansion of the office building and as such, the consultant noted that the same backfill material could have been used to fill and level location for the office area.
- The stormwater detention pond was formerly occupied by septic ponds which formerly treated the sewerage on-site. The replacement wastewater treatment system irrigates treated water onto a portion of land to the west of the factory.
- The existing quarry located in the southern portion of the site is disused and is occupied by a large deep void.

[2] *The consultant notes that anecdotal evidence indicates that this tank may have been removed however confirmation in not available.*

The following potential sources of potential contamination were identified by the consultant:

- Imported uncontrolled fill material utilised on-site for levelling and backfill.
- Migration of contamination from off-site sources of contamination associated with neighbouring commercial and industrial activities (the Site Auditor notes that the consultant does not specifically identify the off-site areas of concern, however, does refer to the presence of Austral Bricks manufacturing facility adjacent to the site in early part of the Phase 1 report).
- Contamination associated with on-site commercial/industrial activities including chemical and oil storage, heavy metals associated with the use of metal oxides as colourants, waste products from the manufacturing process.
- Hydrocarbon contamination associated with the historical on-site storage of fuel.
- Presence of the former Camide Landfill (quarry void filled with non-putrescible waste) in the south-western portion of the site.

Areas of environmental concern noted by the consultant included:

- former USTs
- existing AST
- former oil and chemical storage areas
- the former Camide Landfill
- areas of uncontrolled filling including the filled former quarry area and earthen bunds
- dam sediments
- wastewater treatment system and disposal area
- former wastewater ponds and associated spoil

The consultant concluded that potential sources of land contamination exist at the site from its former industrial use, placement of uncontrolled fill and the storage of chemicals. It was noted that if future site assessments are to be undertaken, they should follow the most relevant land use criteria for industrial/commercial land use (which at the time of reporting of the Phase 1 assessment was NEPM (NEPC, 1999)).

6.3 Phase 2 Detailed Environmental Site Assessment

DLA undertook a *Phase 2 Detailed Environmental Site Assessment* (ESA) (DLA, September 2013) of the broader site which included the Site Audit area. The soil investigation was undertaken in September 2013 and comprised the following:

- A desktop study reviewing available historical and publicly available records for the site (in the Phase 2 report, the consultant reproduced the Phase 1 assessment findings).
- A site walkover inspection to observe current site conditions and identify potential sampling locations.

- Advancement of soil sampling points which included test pit and borehole locations, with six boreholes converted to groundwater monitoring locations. Stockpile and bund soil samples were also collected. Several of the investigation locations were positioned within the Site Audit area.
- Collection of 213 fill and natural soil samples (including quality control samples), four groundwater samples, and 11 surface water samples.
- Sampling and laboratory analysis of select soil and water samples collected during the investigation works.
- Preparation of a report documenting the works.

To assist in determining the current contamination status of the site, the consultant adopted a combined systematic and judgemental investigation approach. Representative samples were collected from fill and natural soils in targeted potential contamination source areas and systematically across remaining areas of the site. The consultant reported that a total of 112 soil sample locations were advanced during the Phase 2 assessment works however, limited detail was provided in relation to the method of investigation.

Review of the borehole logs provided in an appendix to the report indicate that 16 test pits (TP1 to TP16) were advanced to a maximum depth of 4.2 below ground level by means of an excavator. Borelogs were also provided for 57 borehole locations (BH1, BH3 to BH58), six of which were converted into groundwater monitoring bores (MW1 to MW6). Boreholes were advanced using a truck-mounted drill rig to a maximum depth of 14 m bgl. Summary information provided by the consultant in relation to the six groundwater monitoring wells indicated they were advanced to depths of between 5.4 m and 11.79 m bgl. The consultant noted that, as a minimum, each well reached at least a moisture layer in the soil profile if a water bearing layer or perched water table was not intercepted.

Within the report discussion, the consultant noted that 24 locations within bunds were sampled (Bund-1 to Bund-24). Five surface soil samples were also collected in addition to ten stockpile samples (SP1-1 to SP1-6, SP2-1 to SP2-4 and SP3[3]). The surface soil sample identities were not clearly annotated within the report or accompanying site plan, however, based upon laboratory analytical results it is understood the surface samples were named S1 to S5. All surface soil sample locations were not clearly shown on the site plan.

No details were provided in relation to the collection methodology for the 11 surface water samples (Dam-1 to Dam-11) or four groundwater samples (MW2, MW3, MW5 and MW6) collected for laboratory analysis during the works. While it is unfortunate that the sampling works were not more thoroughly reported upon, the omission of this information is not considered by the Site Auditor to impact the outcome of the assessment or Site Audit.

The investigation sample locations shown on the consultant's figure are included in **Appendix D**. The following is noted with respect to the consultant's investigation location plan:

[3] *The report indicates a total of 10 stockpile samples were collected however the site plan indicates 11 stockpile sampling locations.*

- Two TP14 locations are shown on the site plan. This would appear to be a typographic error. Neither TP14 location is within the Site Audit area.
- Locations BH21 and BH42 appear to be omitted from the sample location plan.
- Locations S-runoff-1 and S-runoff-2 were shown on the site plan but not discussed within the report. It is unclear if these locations were representative of soil or water sample locations as they are not included within the scheduled laboratory analysis attached to the Phase 2 report.

Of the investigation locations advanced, the following have been determined to be within the Site Audit area based upon the site plan provided by the consultant (as presented in **Appendix D**): BH1, BH34 – BH37, BH40, TP16, Bund-6 – Bund-9, Bund12 – Bund14 and S1. Water samples included Dam-9. One groundwater monitoring location MW1 was positioned within the Site Audit boundary.

For the investigation works completed, soil samples were collected with samples typically collected from both fill and natural soil horizons. Test pits and boreholes were terminated in both fill and natural soils. Only selected samples were analysed. Soil samples were not screened for the presence of volatile organic compounds (VOCs) during the field works through use of 'headspace' readings and a photoionisation detector (PID). The consultant noted that, instead, all samples were analysed for TRH however, the Site Auditor notes that this does not appear to correlate with sample analysis as reported in the Phase 2 report. While inaccuracies may exist in relation to the assessment of TRH across all samples, the Site Auditor is satisfied that subsequent robust assessment and validation works, as reported, were undertaken for the Site Audit area to supplement these earlier assessment works.

Laboratory analysis of soil and water samples included heavy metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc), TRH, BTEX, PAHs, OCPs, OPPs and PCBs. Not all analytes were scheduled on all samples. The primary laboratory utilised was Envirolab Services, Chatswood, while the secondary laboratory services were provided by SGS Pty Ltd, Sydney.

The following tables present a summary of the analytical program completed for the Site Audit area. This information is based upon the consultant's summary table of analytical results and accompanying laboratory analytical reports.

6.3.1 Soil and Groundwater Assessment Criteria

Assessment activities undertaken at the site compared analytical results against health and ecologically-based criteria available at the time of reporting. The assessment works compared soil analytical results to health-based investigation levels (HILs) for commercial/industrial land use (HIL-D), as included in the NEPM (NEPC, 1999, Amended 2013). The consultant did not adopt the Health Screening Levels (HSLs) from NEPM (NEPC, 1999, Amended 2013) and instead adopted criteria derived from the *Service Station Guidelines* (NSW EPA, 1994). No discussion was provided with respect to the application of ecological assessment criteria (NEPC, 1999, Amended 2013), Direct Contact criteria for petroleum hydrocarbons (Friebel & Nadebaum, 2011), or Management Limits for petroleum hydrocarbons for commercial/industrial land use (NEPC, 1999, Amended 2013).

Groundwater analytical results were compared with *Water Quality Guidelines* 95 % and 90 % freshwater trigger values (ANZECC/ARMCANZ, 2000) and *Australian Drinking Water Guidelines* (NHRMC/NRMMC, 2004). Threshold levels for some hydrocarbon compounds were adopted from the *Service Station Guidelines* (NSW EPA, 1994). In the absence of Australian endorsed guidelines, Dutch Intervention Levels (Dutch Target and Intervention Values, 2000) were also utilised for the assessment of hydrocarbons.

While several of the criteria adopted during the early phases of assessment works are no longer current for assessment of investigations [e.g. *Service Station Guidelines* (NSW EPA, 1994)], the Site Auditor notes that they are considered broadly appropriate at the time the investigation work was completed, however, it is noted that the revised NEPM (NEPC, 1999, Amended 2013) assessment criteria were available at the time and could have been adopted by the consultant for the assessment of petroleum hydrocarbons. Overall, the selection of assessment criteria is not considered to impact upon the outcome of the Site Audit when considered in conjunction with subsequent robust assessment and validation works, which were undertaken for the Site Audit area to supplement these earlier assessment works.

The adopted criteria area presented in the consultant's summary tables of criteria provided in **Appendix E**. The consultant did not prepare comprehensive summary tables of soil and groundwater analytical results. Select tables of analytical results were prepared and included within the report text. These tables have been extracted and included in **Appendix E** for reference.

6.3.2 Investigation Results

Site Observations

The consultant confirmed the soil profile across the site typically comprised predominantly grey/orange mottled clay underlain by weathered shale. It was noted that clay fill material has been emplaced throughout the broader site with large stockpiles formed to the centre of the site.

Various earthen bunds are present around the broader site, including along the southern and eastern boundaries of the site audit area.

Visual or olfactory evidence was not specifically noted for investigation locations within the Site Audit area however, odours and green mottling was noted within proximity to the factory area in the central and east of the site. Hydrocarbon impacts were also observed in the vicinity of the above ground oil tank on the eastern side of the factory and at the storage tanks on the western side of the factory.

Review of the bore log records for investigation locations advanced within the Site Audit area (BH34 to BH37 and BH40) indicates a thin layer of fill or topsoil less than 1 m in thickness overlying natural clays and shale at depth.

The consultant reported depths to groundwater ranging from approximately 1.43 m to 4.81 m bgl in wells installed across the site. The monitoring well installed within the Site Audit area, MW1, was dry at the time of sampling, The well depth of MW1 is 7.42 m bgl. No discussion was provided in relation to potential groundwater flow directions.

Soil

The consultant prepared a summary table of selected soil analytical results for hydrocarbon detections reported for the wider site. Analytical results for locations within the Site Audit area were not tabulated. Review of the analytical results appended to the report and the consultant's discussion within the report text, confirm that detections of contaminants (heavy metals and PAH) were not reported in excess of the adopted health-based assessment criteria for the Site Audit area. Analysis for other contaminants of concern was not scheduled for samples collected from within the Site Audit area. Available analytical summary tables prepared by the consultant are provided in **Appendix E**.

Groundwater and Surface Water

The consultant prepared summary tables of groundwater and surface water analytical results for the wider site. These tables are reproduced in **Appendix E**.

Monitoring well MW1 located within the Site Audit was not able to be sampled. With respect to groundwater results from the wider site, the consultant noted that concentrations of hydrocarbon compounds were reported in several wells (MW2 and MW3) at concentrations less than the adopted investigation levels. Monitoring well MW2, located adjacent to the factory and former chemical/potential hydrocarbon UST area, reported exceedances of the adopted investigation levels for TRH (concentration of 6,240 µg/L compared to 600 µg /L) and naphthalene (concentration of 38 µg compared to 16 µg). Detections of PAH were only reported at MW2 with exceedances of naphthalene (38 µg), phenanthrene (15 µg) and anthracene (1 µg) reported when compared with criteria of 16 µg, 2 µg and 0.4 µg respectively. Surface water samples from the dams were not scheduled for TRH/BTEX analysis.

With respect to heavy metals, detections were reported for both groundwater samples and surface water samples with exceedances across the wider site including chromium, copper, lead, mercury, nickel, and zinc. No exceedances heavy metals exceedances were reported for Dam 9, located within the Site Audit area.

The consultant noted that the pH of the samples collected from Dam 9 (located within the Site Audit area), (in addition to Dam 7 and Dam 8) were elevated above the range of 6.5 to 8.5 set out in the Australian Drinking Water Guidelines.

6.3.3 Quality Assurance/Quality Control

The consultant has reported QA/QC on a broader site-wide basis, and it is therefore difficult to extract and provide a review of data relating to the Site Audit area in isolation. In addition, the Phase 2 report did not contain the QA/QC summary review within the allocated appendix. The following information is based upon the QA/QC measures briefly reported in the main body of the Phase 2 report for the entire program of work undertaken across the wider site area which includes the Site Audit area.

The consultant collected ten soil intra-laboratory duplicates and ten soil inter-laboratory duplicate samples for select laboratory analysis. With consideration to the number of primary samples submitted for analysis (213), a duplicate frequency of approximately 4.7 % each for both intra-laboratory duplicates and inter-laboratory duplicates was achieved.

In the absence of the QA/QC summary review, it is unclear if rinsate blanks were collected during the field investigation. The consultant did note that samples were collected with a

decontaminated trowel. No trip spikes or trip blanks appeared to be used during field works. There is no discussion on these quality control samples within the consultant's reporting.

The RPD calculations for duplicates was omitted from the report, however, the consultant did confirm that the results of the field and laboratory QA/QC procedures all complied with the pre-determined DQOs (the Site Auditor notes that the DQOs indicated that rinsate and trip blank and spike samples would be collected, and this does not appear to have occurred). The consultant noted that some heterogeneity was expected for the material type sampled and concentrations of contaminants. The Site Auditor notes that this is not uncommon with fill type materials.

It is anticipated that the consultant undertook a review of laboratory analytical reports and associated QC criteria (holding times, laboratory duplicates, spike recoveries, surrogate standards, and laboratory blanks) within the QA/QC review report which was omitted from inclusion in the Phase 2 report. While the detailed review completed by the consultant is not available, the consultant does note in their reporting that it is considered that the analytical data generated is of an acceptable degree of accuracy and precision for the purpose of assessing the soil quality on the site.

6.3.4 Conclusions and Recommendations

The consultant concluded that the sampling program was considered to be adequate to determine the contamination status of the site in accordance with guidelines at the time of investigation. It was noted that evidence of hydrocarbon contamination was identified at five investigation locations. PAH impacts were reported in isolated fill areas, with the consultant reporting these were likely due to the presence of asphalt for impacts reported in the bund material. The potential presence of a UST(s) was identified in the vicinity of the factory area. Evidence of hydrocarbon contamination was not reported for the Site Audit area.

No comment was made by the consultant in relation to site suitably for requirement for future assessment or remedial planning.

6.4 Bund Wall Assessment

DLA completed a soil assessment of the Southern Bund Wall (DLA, June 2018), located along the western, southern and eastern boundary of the Site Audit area.

The purpose of the investigation was to evaluate the presence of contamination within the bund wall material and assess the suitability of the material to remain on-site for ongoing commercial/industrial land use.

6.4.1 Scope of Work

The scope of work comprised the following:

- Review of the history and environmental setting of the site, including previous environmental investigation reports.
- Systematic and targeted soil sampling within the southern bund wall in order to achieve representative coverage and target identified AECs.

- Laboratory testing of selected soil samples for a range of potential organic and inorganic contaminants.
- Data interpretation and preparation of a report documenting the works.

6.4.2 Investigation Works

The consultant confirmed that 36 test pits were advanced using an excavator to maximum depths of approximately 5 m bgl. The test pits were systematically located along the bund wall to achieve sufficient lateral coverage.

Soil samples were typically collected at depths of 1 m intervals to a maximum depth of 5 m bgl. The consultant noted that the bund material extended beyond the 5 m depth extent of investigation and further assessment would be needed to characterise the entire bund.

A total of 186 soil samples were collected from the 36 test pits. Soil samples were collected by hand directly from the excavator bucket. Soil samples were not screened for the presence of VOCs during the field works through use of 'headspace' readings and a PID. Samples were collected into laboratory supplied containers.

The investigation sample locations depicted on the consultant's figure included in **Appendix F**.

Laboratory analysis of soil samples comprised the following:

- asbestos – 185 soil samples and three material samples
- Total Recoverable Hydrocarbons (TRH) – 186 soil samples
- Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) – 186 soil samples
- Polycyclic Aromatic Hydrocarbons (PAH) – 186 soil samples
- heavy metals (As, Cd, Cr, Cu, Pb, Ni, Zn) – 134 soil samples
- mercury – 186 soil samples
- Organochlorine and Organophosphorus Pesticides (OC/OP) – 87 soil samples
- Polychlorinated Biphenyls (PCB) – 87 soil samples
- foreign materials – 36 soil samples

The laboratories utilised were Envirolab Services, Chatswood and SGS Pty Ltd, Sydney. Australian Safer Environment and Technology Pty Ltd were utilised for asbestos analysis.

6.4.3 Assessment Criteria

Assessment activities undertaken at the site compared analytical results against health- and ecologically-based criteria available at the time of reporting. The assessment works compared soil analytical results to HILs and HSLs for commercial/industrial land use (HIL-D and HSL-D) as included in the NEPM (NEPC, 1999, Amended 2013). Direct Contact criteria (HSL-D) for petroleum hydrocarbons (Friebel & Nadebaum, 2011), Management Limits for petroleum hydrocarbons for commercial/industrial land use in fine soils (NEPC, 1999, Amended 2013) and ecological criteria (EILs/ESLs) (NEPC, 1999, Amended 2013) were also applied.

The adopted criteria area presented in the consultant's summary tables of criteria provided in **Appendix G**.

6.4.4 Investigation Results

Site Observations

The consultant confirmed that the southern bund wall was approximately 950m in length and runs immediately parallel to the southern boundary of the site, extending northwards at the south-eastern and south-western corners of the site. The widest point at the base of the bund is approximately 40 m, while the narrowest point at the top of the bund is approximately 5-10 m in width. The bund stands at a maximum height of 10 m and was estimated to comprise a total of approximately 280,000 m^3 to 345,000 m^3 of material.

The material comprising the bund wall was reported to include heterogeneous fill generally consisting of silty brown clay and varying amounts of foreign materials such as rock, concrete, steel, brick, bitumen and wood. Red/grey silty clay was also observed in the western and eastern sections of the bund wall.

Soil Analytical Results

Analytical summary tables prepared by the consultant are provided in **Appendix G**.

The following analytical results were reported.

- All TRH, BTEX, pesticides and BTEX concentrations were reported below the adopted assessment criteria.
- All PAH concentrations were reported below the adopted assessment criteria with the exception of benzo(a)pyrene which exceeded the adopted Ecological Investigation Levels (EIL) in the following samples:
    - TP40-1 at 2.6 mg/kg
    - TP41-1 at 2.3 mg/kg
    - TP44-4 at 9.8 mg/kg
    - TP45-4 at 4.8 mg/kg
    - TP47-5 at 2.3 mg/kg
    - TP59-2 at 2.8 mg/kg
    - TP65-3 at 2.9 mg/kg
    - TP70-4 at 1.8 mg/kg
    - TP74-4 at 1.8 mg/kg
    - TP40-3 at 5.7 mg/kg
    - TP42-2 at 1.5 mg/kg
    - TP44-5 at 2.5 mg/kg
    - TP45-5 at 1.9 mg/kg
    - TP49-1 at 7.9 mg/kg
    - TP59-4 at 1.9 mg/kg
    - TP69-1 at 2.1 mg/kg
    - TP74-2 at 5.3 mg/kg
    - TP74-5 at 2.6 mg/kg
- Heavy metals concentrations were reported below the adopted assessment criteria with the exception of the following:
    - copper which exceeded the adopted EIL in samples TP43-4 (400 mg/kg) and TP63-5 (420 mg/kg); and
    - zinc which exceeded the adopted EIL in samples TP45-5 at 950 mg/kg, TP46-3 at 7,100 mg/kg, TP46-5 at 760 mg/kg, and TP47-3 at 1,600 mg/kg.
- Asbestos as asbestos fines/fibrous asbestos was identified in 11 soil samples. Of these, the following samples exceeded the adopted assessment criteria:
    - TP43-2 at 0.003 % w/w

- TP43-3 at 0.007 % w/w
- TP62-3 at 0.022 % w/w
- TP62-4 at 0.002 % w/w
- TP63-5 at 0.063 % w/w
- TP68-5 at 0.003 % w/w

- The presence of bonded asbestos was confirmed in the following samples:
  - TP44-A
  - TP46-3
  - TP46-5
  - TP48-4
  - TP48-5
  - TP73-2

- Asbestos was also confirmed within the following material samples (i.e. fragments of ACM) TP38-3 ACM, TP49-4-ACM and TP67-4-ACM collected from within the bund:

6.4.5 Quality Assurance/Quality Control

The consultant provided a review of field and laboratory QA/QC procedures for the assessment works.

The consultant collected 17 soil intra-laboratory duplicates for select laboratory analysis, representing a frequency of 9.4 %. A total of 10 inter-laboratory duplicates were collected, representing a frequency of 5.5%.

Rinsate blanks, trip spike and trip blank samples were not collected as part of the field program. The consultant reported that samples were collected with a decontaminated trowel. All samples were placed in dedicated laboratory supplied sample containers with unique IDs. All samples were accompanied by a chain of custody form and transported in chilled conditions to the nominated project laboratory.

The RPD calculations for duplicates were discussed by the consultant. It was noted that eight RPD exceedances were reported for heavy metals and benzo(a)pyrene. The consultant reported that he outliers were expected to be associated with the heterogenous nature of the soil and uneven distribution of contaminants of concern within the soil.

The consultant completed a review of laboratory analytical reports and associated QC criteria (holding times, laboratory duplicates, spike recoveries, surrogate standards, and laboratory blanks). Outliers noted by the consultant with four of the matrix spike samples reporting recoveries outside of the accepted range due to sample heterogeneity. All other QC criteria were reported to be within acceptable ranges.

Overall the consultant considered that the analytical data generated is representative of the overall site condition.

6.4.6 Discussion and Conclusion

The consultant concluded that based on visual observations and the results of the laboratory analysis, the bund wall material was not suitable to be retained on-site in its entirely under a continued commercial/industrial land use scenario due to the presence of asbestos.

It was recommended that a Remediation Action Plan (RAP) be developed in accordance with the relevant regulatory requirements to address the identified contamination issues to render the material suitable for on-site reuse.

6.5 Audit Discussion of Investigation Works

Investigation Sampling Design

A Phase 1 (DLA, June 2013) and Phase 2 assessment (DLA, September 2013) has been undertaken across the broader site, with observations and investigation locations advanced within the Site Audit area. The Phase 2 assessment (DLA, September 2013) has been supplemented with a targeted investigation of the bund wall (DLA, June 2018) located along the southern boundary of the Site Audit site.

Sampling locations were a combination of systematically and judgementally located in areas of potential concern at the broader site. The bund wall assessment targeted the top 5 m of the bund wall only.

It is considered a reasonable number of investigation locations were advanced within the areas of concern within the Site Audit area, although as only the top 5 m of the bund wall material has been characterised, the contamination status of the underlying material was unknown and required further assessment.

The suite of laboratory analysis for the Site Audit area provides sufficient analytical data to give an adequate assessment of the site contamination status.

The investigation works are supplemented and supported by information gathered during the subsequent material assessment and validation phases of work undertaken in the Site Audit area. As such, the limitations in coverage across the Site Audit area during historical investigation activities does not impact upon the outcome of this Audit. Further details of material assessment and soil validation activities completed at the site in provided in **Sections** Error! Reference source not found..

Quality Assurance/Quality Control

The consultant utilised the seven-step DQO process as required by the NSW EPA guidelines for Site Auditors (NSW EPA, 2017) during assessment of the site. However, unfortunately due to the omission of an appendix to the Phase 2 report (DLA, September 2013), the consultant did not provide a discussion on the adopted field and laboratory quality assurance/quality control (QA/QC) program adopted as part of the investigation works. A review of QA/QC was provided however for the Bund Wall Assessment (DLA, June 2018).

The QA/QC assessment and interpretation was generally found to be adequate. Sufficient inter- and intra-laboratory duplicate samples were collected and analysed as part of the

overall site investigation program for a range of key contaminants with a frequency of just under 5 % (4.7 %) achieved for both intra- and inter-duplicates as part of the Phase 2 assessment across the wider site. The calculated RPDs were not tabulated and included in the Phase 2 assessment report for review due to an omission in report appendices.

Sufficient duplicate samples were collected as part of the *Bund Wall Assessment* (DLA, June 2018). RPDs summary tables were not provided with the *Bund Wall Assessment Report* (DLA, June 2018) however discussion of RPD results was included with reported RPD outliers associated with heterogeneity of soil samples.

It is unfortunate that rinsate samples, trip spike and trip blank samples did not appear to be collected across all programs of investigation. The consultant noted that adequate decontamination procedures were in place, however, it would have been beneficial to have collected additional QA/QC samples to support the veracity of this statement. Chain of custody documentation was provided with the investigation reports for most laboratory batches submitted to the nominated laboratories. Several chain of custody records were omitted. While this is unfortunate, it is not considered to impact the outcome of the reported assessment works or Site Audit.

Some discussion of laboratory QA/QC results is provided by the consultant, and where available laboratory QA/QC information has been appended to the report in addition to the laboratory analytical reports. In general, the laboratory QA/QC results indicate that the laboratory analytical program was achieving adequate levels of precision and accuracy during the time when samples from the site were being analysed. As such, the sampling, analytical and quality protocols undertaken by the consultant were considered satisfactory and the data is reliable for the purpose of assessing the contamination status of the site for the proposed land use.

Overall, the Auditors review of the QA/QC measures employed by the consultant and the laboratory was found to provide adequate information for the purpose of characterising the site.

Site Criteria

The assessment criteria utilised for the assessment for the site by DLA (September 2013 and February 2018) were primarily derived from the NEPM (NEPC, 1999, Amended 2013) and ANZECC/ARMCANZ (2000) and are considered appropriate for the purpose of the assessment works. It is noted that the Phase 2 Assessment (DLA, September 2013) adopted *Service Station Guidelines* (NSW EPA, 1994) for the assessment of potential petroleum impacts. While this was not ideal given the availability of NEPM HSLs (NEPC, 1999, Amended 2013) at the time of reporting, the Site Auditor does not consider this to impact the outcome of the Site Audit given the extent of subsequent assessment completed at the site (**Section** Error! Reference source not found.**)** with currently endorses assessment criteria.

It is noted that the Phase 2 Assessment did not assess analytical soil results against ecological assessment criteria (NEPC, 1999, Amended 2013), Direct Contact criteria for petroleum hydrocarbons (Friebel & Nadebaum, 2011), or Management Limits for petroleum hydrocarbons for commercial/industrial land use (NEPC, 1999, Amended 2013), however the targeted Bund Wall Assessment conducted within the Site Audit Area di utilise all the above-mentioned criteria.

Investigation Results

The consultant unfortunately did not consistently provide tables summarising the soil and groundwater laboratory results from the Phase 2 investigation undertaken of the broader site. Summary tables of the analytical results were provided for the *Bund Wall Assessment* (DLA, June 2018). The Site Auditor reviewed the relevant laboratory analytical data for investigation locations within the Site Audit area and found the results to be consistent with those reported by the consultant. Where available, summary tables of data reported by the consultant are provided in **Appendix E** and **G**. The laboratory procedures were appropriate for the identified potential contaminants of concern.

The site plans provided by the consultant identified the sampling locations relevant to the main site features such as the existing buildings, boundaries, and roads. The north arrow appears to be correctly orientated in the sample location plan provided in the report.

The conclusions reached by the consultants regarding the site assessments are considered appropriate given the data obtained from the site. The Phase 2 soil investigation did not identify any concentrations of contaminants of concern in the Site Audit area. The investigation targeting the southern bund wall within the Site Audit area identified chemical contamination exceeding the adopted ecological criteria, however, below the human health criteria. Asbestos fragment and asbestos fines were also identified within the bund.

Groundwater assessment (DLA, September 2013) has identified the presence of nitrogen and phosphorus in excess of the adopted threshold criteria within the broader site. Elevated concentrations of heavy metals were also reported in excess of the adopted threshold values; however, the consultant considered these concentrations to be consistent with background metal concentrations. Detections of nitrogen and phosphorus were identified in groundwater from the northern portion of the broader site. No visual evidence of pollution from nitrogen or phosphorus in the form of algal blooms or and eutrophication was reported by the consultant. The Site Auditor concurs that the reported groundwater detections are not considered to represent a risk to human health or the environment. The nearest ecological receptor is located about 850 m off-site, and on-site groundwater uses are not reported. It is the Site Auditor's opinion that with the removal of the transpiration infrastructure located to the north of the site, the site has effectively removed the source of the reported nitrogen and phosphorus detections and the levels of both will reduce over time.

In summary, the soil investigations have identified impacts associated with the southern bun within the Site Audit area. Detections of heavy metals, phosphorus and nitrogen have been reported in groundwater; however, the Site Auditor considers that the reported groundwater conditions do not affect the suitability of the site for the proposed land use. The conclusions reached by the consultant regarding the site assessment are considered appropriate given the data obtained from the site.

7 Remediation Action Plan

The remedial strategy for the broader area (Stage 2 and Stage 3 areas) was initially presented in a RAP (DLA, 2014) prepared by consultant DLA in 2014. The remedial approach has subsequently been refined through addendums and revisions of the RAP as additional investigations have been undertaken and the remedial requirements have evolved.

The Remediation Action Plan (ERM, December 2019) was prepared for the broader site (327 – 335 Burley Street) which was investigated as part of the Phase 2 assessment works (DLA, September 2013). Although this broader area includes the Site Audit area, the focus of the remedial strategy presented in the RAP was areas of concern within the Stage 3 development area to the north of the Site Audit area.

The southern bund wall, located within the Site Audit site, was identified as a data gap within the RAP (ERM, December 2019). Following additional assessment of the southern bund wall (DLA, June 2018), a document titled *Bund Wall Remediation Strategy* (DLA, March 2018) was developed detailing the remedial approach for the southern bund wall and subsequently revised and issued as an Addendum to the RAP (ERM, December 2018).

The Auditor has considered both the RAP (ERM, December 2019) and Addendum to the RAP (ERM, December 2018) and the specific remediation and validation measures proposed for the Site Audit area have been identified and summarised in the following subsections.

7.1 Remediation Objectives

The consultant stated that the remediation objectives for the RAP (ERM, December 2019) was to set remediation goals and document the management procedures and environmental safeguards to be implemented to ensure the site will be rendered suitable for the proposed land use (commercial/industrial) and will pose no unacceptable risk to human health or the environment.

7.2 Remediation Options

In accordance with the Site Auditor Guidelines (NSW EPA, 2017) and the referenced schedule of the NEPM (NEPC, 1999, Amended 2013), soil remediation and management are implemented in the following preferred order:

1. on-site treatment of the soil so that the contaminant is either destroyed or the associated hazard is reduced to an acceptable level
2. off-site treatment of excavated soil so that the contaminant is either destroyed or the associated hazard is reduced to an acceptable level
3. consolidation and isolation of the soil on-site by containment within a properly designed barrier.
4. removal of contaminated soil to an appropriate site or facility, followed where necessary by replacement with clean fill

The consultant provided discussion regarding the treatment options from the Site Auditor Guidelines (NSW EPA, 2017) which outlines preferred remediation strategies.

With evaluation by the consultant, a remedial strategy was identified for implementation at the site. The proposed strategy comprised excavation and classification of material. Where material was deemed to be suitable, beneficial reuse on-site. Unsuitable material would be

disposed off-site to an appropriately licensed waste management facility. The consultant reported that this remedial approach offered a more cost-effective solution while offering end land use suitability with no ongoing liability following completion of the remediation works.

7.3 Proposed Remediation Works

7.3.1 Areas of Environmental Concern

The consultant presented a listed summary of site contamination/areas of environmental concern identified during the Phase 2 environmental assessment of the broader site. The following areas of concern were detailed by the consultant in the RAP as part of their review of the broader site conditions. A site plan prepared by the consultant illustrating the location of areas of environmental concern is provided in **Appendix H**.

- *"Two missing USTs and tank pits at the northern site of the factory;*
- *The presence of a BaP TEQ and PAH concentration hotspot in TP3 at a depth of 0.5m;*
- *Aged oil observed on the eastern side of factory at BH51 in former oil storage area;*
- *The hydrocarbon contamination located on the western side of factory (with possible UST) in the location of BH24 and BH25, including the potential of hydrocarbon contamination of groundwater in the vicinity;*
- *The presence of the AST and minor elevated hydrocarbon concentrations within one sample at a depth of 0.3 m;*
- *The presence of large bunds around the site with potential for ACM to be present, (this would be dealt with as an unexpected find as no ACM was observed or located during investigation);*
- *The pH of dam surface water is outside of the criteria range;*
- *The heavy metals within water of Dams 1-5; and*
- *Sediments within the dams investigated following dewatering of dams".*

The areas of concern within the Site Audit area include the southern bund wall and the sediments within Dam 9.

The consultant also noted that given the site's history of use and disturbance of terrain with the movement of landforms and importation of materials, there is a possibility that not all contamination has been identified or delineated at the site. It was reported that remediation would be completed in a precautionary manner with appropriate management of potential areas of unidentified contamination not previously encountered during investigation works at the site.

7.3.2 Preliminary Remedial Works

The consultant provided details with respect to the proposed remedial works including site set-up and management during the activities. Key aspects of the proposed works relevant to the Site Audit area included:

Site Establishment

- establishment of all necessary plant and equipment
- site set-up including work areas
- establishment of Site Environmental Monitoring Program and environmental protection measures

Site Pre-Works

- demolition of all existing structures on-site
- removal of overlying hardstand
- construction of bunded and hardstand designated treatment areas to preclude run-off onto the surrounding site

Remediation of Surface Water and Sediment Contamination

The consultant noted that while contamination impacts were noted in dam water on-site, no further remediation action was considered necessary as the dam water was not proposed for discharge off-site. It was noted that the dam water was transferred between dams to reduce suspected sediments prior to being used in the factory where that water was used for dust suppression.

It was noted that further assessment of dam sediment would be undertaken following future dewatering of the dams.

Groundwater Contamination

The consultant noted the hydrocarbon impacts have been identified in groundwater monitoring wells located across the broader site. The consultant reported that a Groundwater Monitoring Program would be developed separately the RAP to address potential management or remediation requirements for groundwater. It is unknown if this plan was prepared.

7.3.3 Remediation of Southern Bund Wall

The consultant proposed the following remedial approach to the southern bund wall.

Excavation of Material

Previously identified asbestos impact would be located using a GPS and demarcated appropriately using signage, barricades, and plastic sheeting. The identified areas of impact are included on the consultants Figure 2 included in **Appendix H**.

Due to the presence of AF/FA in the bund wall, a Class A licensed asbestos contractor would be engaged to conduct asbestos remediation works. The asbestos contractor will ensure appropriate controls (e.g. decontamination unit and PPE) are in place as per their Asbestos Removal Control Plan.

During the remediation process, material that contains ACM, AF/FA and material not identified to be impacted from asbestos will be segregated. The consultant identified four types of material within the bund wall:

1. Soil with no asbestos identified, typically red/orange silty clay with no identified foreign material (Green).

2. Soil with Bonded ACM identified, typically brown silty clay with minor amounts of foreign material (Yellow).

3. Soil with compliant concentrations of AF/FA, typically brown silty clay with minor amounts of foreign material (Orange).

4. Soil with non-compliant concentrations of AF/FA, typically brown and black silty clay with minor amounts of foreign material (Red).

To separate contaminated material from non-contaminated material, it was proposed the four material types are excavated separately. The known locations of the four material types are illustrated on the consultant's figure 2 included in **Appendix H**.

In order to separate material, the following strategy was proposed:

1. Mark out the known locations of the four material types (as above).

2. Yellow, Orange and Red material will be excavated and placed separately in stockpiles (approximately 100m^3 - 200m^3) within the ATA. Stockpile volume will be determined through recording the weight of material transported by on-site machinery by the Civil Contractor.

3. Green material will be excavated under supervision of a Class A licensed asbestos removalist and an ERM representative to identify the potential presence of ACM. If no ACM is visually identified, soils can be placed on-site as fill without remediation. If ACM is identified, the material will be stockpiled in the ATA for remediation.

4. ERM recommended excavations take place in 1m to 2m layers to avoid creating large holes in the ground and to assist in identifying different material types throughout the soil profile.

Where no asbestos is visually identified during excavation works, "Green" material (no identified contamination) is to be reused on-site as fill without additional assessment. However, the consultant noted that if more than 65,000m^3 of material was excavated from "Green areas", then additional sampling would be required to assess the material in accordance with the requirements of the *Material Assessment and Importation Procedure*.

As only the top 5 m of the bund material had been assessed, the proposed excavation approach required the material to be benched at a depth of 5 m to enable assessment of the underlying material. The assessment of underlying material was expected to be conducted in situ through the excavation of test pits down to natural ground level.

It was noted that subject to the development needs of the site and significant volume of southern bund wall material, relocation of the bund may be required prior to assessment. In this case, visually similar material would be grounded together within the ATA and assessed for remedial requirements of reuse on-site.

Treatment of Contaminated Material

Once impacted material has been stockpiled in the Asbestos Treatment Area (ATA), it will undergo treatment through hand-picking of fragments of bonded ACM. Additionally, large pieces of foreign material such as timber and steel would be removed in order to meet geotechnical requirements.

The consultant proposed the following treatment and assessment strategy for contaminated material.

1. Spreading and hand-picking of the impacted soils by the removalist, until no visible ACM remains;

a. Soils are to be spread into pads no thicker than 100mm. Material will be hand-picked with multiple transects walked by personnel of the Class A Licensed Removalist. Secondary transects perpendicular to the first are to be undertaken at the completion of picking works;

b. At the completion of initial hand-picking the material can be turned or tined with subsequent hand-picking as per step 1;

2. At the completion of hand-picking, the pad will be scraped up and re-placed into a stockpile. Each stockpile will be given an identification number and its location will be marked on a map.

a. ERM will visually inspect the stockpile and subject it to sampling for ACM quantification and AF/FA analysis.

i. Material passing visual inspection and quantification analysis will be placed at depth on-site (> 2.0 m below ground level);

ii. Material failing either visual inspection or quantification for the presence of bonded ACM will require further hand-picking and assessment until a time that validation sampling confirms the suitability of the material to remain on-site

iii. Material submitted for laboratory analysis and reporting a detection of AF/FA exceeding land use criteria may undergo additional analysis to delineate the extent of AF/FA contamination. If the stockpile contains visually distinct material types then additional sampling will be conducted from these material types to delineate the extent of AF/FA impacted soils. Following this delineation, material not compliant with land use criteria will require management as contaminated material.

Assessment of Contaminated Material

The consultant stated that all stockpiles within the ATA would be sampled for asbestos quantification. A sampling frequency of one ACM and one AF/FA sample per 70m^3 of material was proposed based on the *Guidelines for the Assessment, Remediation and Management of Asbestos- Contaminated Sites in Western Australia* (WA DoH, 2009).

If a stockpile does not comply with AF/FA land use criteria, additional sampling would be conducted to delineate the extent of the contamination.

Reuse of Material

The RAP (ERM, December 2019) and RAP Addendum (ERM, December 2018) stated that only material that complies with the land use criteria can be beneficially re-used on-site.

The RAP (ERM, December 2019) required material to beneficially reused onsite to be sampled at a rate of one sample per 1,000 m^3 of excavated material.

The consultant (ERM, December 2018) also recommended that soils containing asbestos at concentrations below the land use criteria be preferentially placed at depths greater than 2.0 m below the final surface level. Furthermore, the top 100 mm of surface soils cannot have visible asbestos in accordance with the validation criteria. A visual inspection during the placement of the material will be required to confirm no visible asbestos is present.

On-site Containment of Contaminated Material

In order to minimise the volume of asbestos contaminated soils that require off-site disposal, the construction of a containment cell is proposed to accommodate AF/FA impacted material that does not comply with the land use criteria.

In the interim period between excavation and construction of the containment cell, impacted material will be stockpiled within the Stage 3 area and covered with plastic or geofabric.

The containment cell will be constructed following receipt of Council approval. The dimensions of the cell will be sufficient accommodate the entire volume of AF/FA contaminated soils and will be determined in consultation with the final development design plans.

Soil excavated to create the containment cell will be stockpiled on-site and an assessment of the suitability of the material to remain on-site from a contamination perspective will be carried out.

Where the soil is not considered suitable for beneficial on-site reuse from a contamination perspective, the material will be classified for on-site containment, and or off-site disposal to landfill

Once constructed, the containment cell will be backfilled with the AF/FA contaminated fill.

Given the nature of the contamination to be contained on-site, contaminant mobilisation and the generation of leachate is not expected, therefore placement of geotextile lining along the base and walls of the containment cell, and installation of a leachate collection system, is not necessary.

Following filling and compaction of the containment cell with AF/FA contaminated fill, a high visibility non-woven geotextile marker layer will be installed over the footprint of the cell such that it covers all potentially contaminated material. The marker layer will extend at least 1 m beyond the perimeter of the cell. Where joins in the marker layer occur, an overlap of at least 200 mm will be required.

Following installation of the marker layer, a minimum 0.5 m thick capping layer, consisting of Virgin Excavated Natural Material (VENM), will be placed over the top of the marker layer.

A Long-term Environmental Management Plan will be prepared and implemented to ensure the capping is maintained to a standard that continues to protect human health.

In the case that the containment cell is not of sufficient capacity to contain the entire volume of noncompliant materials generated during remediation works, the material will require classification and off-site disposal in accordance with NSW EPA (2014) Waste Classification Guidelines.

7.4 Remediation Criteria

It is proposed that the site is developed for ongoing commercial/industrial land use. The soil criteria proposed by the consultant to guide the remedial works for the site were the HSLs for asbestos in soils. The adopted criteria were presented by the consultant in the following table.

Table 7-1 Soil Assessment Criteria

Analytes	Commercial/Industrial Criteria
Bonded ACM	0.05%
Fibrous Asbestos/Asbestos Fines	0.001%
Surface Asbestos (0.1m)	No Visible ACM

7.5 Proposed Validation Program

The consultant provided a general validation approach for the remediation works.

Data Quality Objectives (DQOs) were not developed as part of the RAP.

The following areas were noted as requiring validation within the Site Audit site:

- southern bund wall
- stockpiling areas.
- asbestos treatment area (ATA).
- any additional potential unidentified contamination source areas.

The consultant confirmed that validation will comprise visual inspection and soil sampling with laboratory analysis.

No discussion was provided in relation to the validation of potential material imported during the remediation works.

Validation of Bund Footprint and ATA

Following completion of remediation works, validation sampling of the bund footprint and ATA will be undertaken in accordance with densities outlined in the NSW EPA (1995) *Contaminated Sites: Sample Design Guidelines* noting that twice the number of samples will be required than recommended in Table 4 as asbestos is the contaminant of concern. The number of soil samples required would be determined at the time of validation based upon the size of area.

Visual validation and clearance of the bund and ATA footprint areas will also be conducted by a licensed asbestos assessor.

Cap Validation

Validation of the capping layer will involve visual inspection conducted by a suitably qualified and experienced environmental consultant to document, via photographic evidence, the lateral extent of the marker layer following installation.

Surveys will be carried out by a suitably qualified and experienced contractor following the installation of the marker layer and capping layers to document the lateral extent and

elevation of each layer. A copy of the photographic record and survey data will be included in the validation report.

7.6 Validation Reporting

The RAP (ERM, December 2019) required that a validation report be prepared documenting works undertaken and results of the validation testing. The RAP Addendum stated that following the completion of works in the Stage 2 area, an Asbestos Clearance Certificate Report will be prepared documenting the materials handling of asbestos impacted soils and make a conclusion as to the suitability of residual soils in regard to the land use of the site. This consultant noted that the Clearance Certificate will cover the footprint of the southern bund wall, the remediated stockpiles, the footprint of stockpiles that required off-site disposal and the footprint of the ATA.

7.7 Site Management

The consultant provided a Site Environmental and Remediation Works Management Plan as an appendix to the RAP. The plan included site management provisions to reduce the impact of the remediation works on the remediation workforce and surrounding environment (including neighbouring properties).

7.8 Contingency Plans

The contingency plan provided in the RAP (ERM, December 2019) presented procedures for dealing with unexpected or un-identified contamination in soil and insufficient containment cell size or design. An unexpected finds protocol was also provided as an appendix to the RAP (ERM, December 2019).

7.9 Audit Discussion of the Remediation Action Plan

Based on the information contained in the consultant's RAP (ERM, December 2019) and Addendum to the RAP (ERM, December 2018) the Site Auditor finds that the proposed remediation:

- is technically feasible
- is environmentally justifiable given the proposed development activities
- the proposed validation sampling plans are suitably comprehensive to ensure contamination above the remediation criteria is appropriately removed and managed

The RAP (ERM, December 2019) and Addendum to the RAP (ERM, December 2018) identified the areas of contamination located as a result of the previous assessment works at the site that would be subject to remediation. It is noted that based upon the site information available at the time of preparation of the RAP, the area of environmental concern within the Site Audit area was limited to the southern bund wall, however, the use of the Site Audit area for stockpiling and asbestos treatment required additional remedial measures to be adopted. Appropriate measures were also outlined in the RAP (ERM, December 2019) in the event that unidentified or unknown contamination is found during future works within the Site Audit area.

General requirements for the validation of the remediation program were provided within the RAP and Addendum with a recommendation for the number of validation samples to be determined during the actual works with consideration to the size of the validation surface and requirements of current relevant guidelines. It is anticipated that a robust validation sampling strategy can be further developed and implementation by a qualified environmental professional engaged to complete the validation phase of works based upon the information presented in the RAP and Addendum.

With regards to the proposed validation criteria, the proposed criteria was limited to asbestos and appropriate and currently endorsed validation criteria were proposed.

It is the Site Auditor's opinion that the proposed management approach for unexpected finds (and associated strategy for remediation works if required) as detailed in the RAP (ERM, December 2019) and Addendum to the RAP (ERM, December 2018) is appropriate for the proposed land use of the site as ongoing commercial/industrial. In the event that contamination or areas of environmental concern are subsequently identified in the Site Audit area, it is considered that following the successful implementation of the remediation and validation works as detailed in remedial plans, the site can be made suitable for the proposed land use.

8 Remedial Activities and Validation

The following sections describe the reported remedial works and validation program for the Site Audit area (Stage 2A) as reported by ERM in the *Validation Report* (ERM, September 2020).

The works reported in the *Validation Report* (ERM, September 2020) comprise the assessment and validation works of Stage 2A derived soil materials, in addition to the assessment and validation of imported material sourced from the adjacent Stage 1 and Stage 2 (B and C) areas and placed within Stage 2A.

8.1 Material Assessment and Importation Protocol

The *Material Assessment and Importation Protocol* (MAIP) (DLA, March 2018) was prepared in response to recommendations made within the RAP (ERM, December 2019). The RAP recommended that assessment of materials encountered during cut-to-fill works should be undertaken in order to confirm material suitability for beneficial reuse/retention on-site. The MAIP was prepared to document the material assessment protocol and procedures. The MAIP also captured assessment requirements associated with material proposed for importation to the Stage 1 area.

With respect to assessment and on-site reuse of materials, the MAIP noted the following:

- No potentially contaminated material will be reused on-site without prior approval from the Site Auditor and Local Council; and
- Isolation and investigation of the excavation area will occur upon identification of foreign materials such as bitumen, steel, or household waste.

The MAIP proposed sampling of on-site soils at a rate of one sample per 1,000 m^3 with samples collected from in situ locations or existing stockpiles. Soil samples are to be scheduled for analysis for contaminants of concern including heavy metals, TRH, BTEX, PAH, OCP, PCB, asbestos, and foreign materials. It was noted that materials would also be subject to aesthetic assessment. Soil analytical results would be assessed against commercial/industrial land use criteria set out in NEPM (NEPC, 1999, Amended 2013). Daily checks sheets outlining the supervision and quality of soils encountered on-site are to be prepared with documented information including date, personnel details, material description, stockpile origin, placement location, visual description of material and quantity. It was reported that no material would be reused on-site without authorisation of the nominated environmental consultant and Site Superintendent through written confirmation. A non-compliance procedure was set out for the management of soils determined not to be suitable for reuse on-site.

Material importation procedures and controls were also set out in the MAIP with import material to comprise validated VENM and excavated natural material (ENM) only. Prior to acceptance of import material, classification and validation of the proposed imported material is required. VENM classification requirements included a review of source site information, a detailed description of the import material, sampling, analysis, and assessment of analytical results. ENM classification requirements were as set out in the Excavated Natural Material Order 2014.

8.2 Site Validation Criteria

8.2.1 Validation Soil Criteria

It is proposed that the site is used for ongoing commercial/industrial land use. The soil criteria utilised by the consultant to guide the assessment/validation works were a combination of HILs for commercial/industrial land use (HIL-D) and HSL for vapour intrusion for commercial/industrial land use in clay soils (HSL-D). Asbestos in soil criteria were based upon commercial/industrial land use as provided in NEPM (NEPC, 1999, Amended 2013). Management Limits for petroleum hydrocarbons for commercial/industrial land use was utilised for evaluation of the petroleum hydrocarbon analytical results.

EILs and ESLs for commercial/industrial land use were also adopted. Where available, the consultant utilised site-specific data to calculate site-specific EILs for use in the assessment and validation of analytical results.

8.3 Assessment and Validation Works

An overview of the assessment and validation works as reported by the consultant is provided in the following sub-sections.

Remediation works commenced in September 2016 and comprised the following works as reported by the consultant:

- Dewatering, assessment and filling of Stage 2A Quarry Area under geotechnical supervision.
- Assessment of excavated fill material and pre-existing stockpiled fill for suitability to remain on-site (June 2018 to June 2020).
- Establishment of the ATA and exclusion zone for remediation works.
- Excavation of southern and eastern bund wall fill material to encounter natural ground and assessment of remediated material for land use suitability (June 2018 to June 2020).
- Ongoing test pit sampling and assessment of bund wall material >5m deep.
- Placement of soils on natural ground under Level 1 Geotechnical Supervision following confirmation that soils were suitable to remain on-site (September 2016 to June 2020).
- Validation of failed stockpile footprints, ATA footprint and bund wall footprint.

Assessment of in situ material including stockpiled material located within Stage 2A was completed and is summarised in **Table 8-1**. Site plans prepared by the consultant illustrating each of the assessment areas and stockpiles identified in **Table 8-1** is presented in **Appendix I**. Further discussion of the validation sampling program and associated results is provided in the following sub-sections.

Table 8-1 Summary of Validation Samples – Stage 2A

Material Source (*Grid Reference (GR))	Placement Area(s)	Sample Date	Sample IDs	Material Description	Total Approximate volume (m3)	Primary Sample No.	Analytical Suite
Bund materials sorted in Stage 2A							
Southern / Eastern Bund wall (including UFEBP10 and UFH4SP)	Stage 2C/Stage 2B with portions in Stage 2A.	Multiple sampling events between 24th June 2016 to 17th December 2019	EB1 to EB37 TP38 to TP75 (multiple samples extending depth of bund wall	Non-homogenous brown silty clay fill with foreign materials, ACM	434,840	439	TRH, BTEX, PAH, Heavy Metals- all samples OC/OP/PCB, asbestos – selected samples
		18th October 2019	UFEBP10-1 to 10	Dark grey/black sandy clay with red crushed brick, ACM and timber.			
		15th May 2020 6th June 2020	UFH4SP1-1 to 10 UFH4SP2-1 to 10	Wet, brown loamy soil with large amounts of foreign materials such as concrete, brick and metal			
Site sourced VENM and residual brick making materials							
Silt from Stage 1 Basin	Stage 2A Quarry Area	3rd November 2016 15th January 2018	S2-M-1 to 10 STG2- SILT 1 to 6	Grey/Brown clayey shaley silt	16,000	16	TRH, BTEX, PAH, , Heavy metals, asbestos – all samples OC/OP/PCB, pH, EC – selected samples
Grade A Stockpile	Stage 2A Quarry Area, Stage 2C	20th February 2018 6th March 2018 26th March 2018 6th April 2018 11th April 2018 18th April 2018 11th May 2018	SPA-1 to 76	Grey/blue shale	75,000	76	TRH, BTEX, PAH, , Heavy metals, asbestos – all samples OC/OP/PCB – selected samples
Grade B Stockpile	Stage 2A Quarry Area, Stage 2C	20th February 2018 21st February 2018 28th February 2018 7th March 2018 28th March 2018 13th April 2018 2nd May 2018 11th May 2018	SPB-1 to 76	Brown clay with shale	60,000	76	TRH, BTEX, PAH, , Heavy metals, asbestos – all samples OC/OP/PCB – selected samples
Grade C Stockpile	Stage 2A Quarry Area	7th March 2018 14th March 2018	SPC-1 to 20	Red/brown silty clay	20,000	20	TRH, BTEX, PAH, , Heavy metals, asbestos – all samples OC/OP/PCB – selected samples
Fill from Stage 2A Quarry Area walls	Stage 2A Quarry Area	16th April 2018	Dam 5-1 to15	Shale	10,000	15	TRH, BTEX, PAH, , Heavy metals, asbestos – all samples OC/OP/PCB – selected samples
Stage 1 stockpiles used in Stage 2A Quarry Area Filling (L6)	Stage 2A Quarry Area	5th July 2018 9th July 2018 10th July 2018	Dam 5-1 to 30	Grey/Blue shale	30,000	30	TRH, BTEX, PAH, , Heavy metals, asbestos – all samples OC/OP/PCB – selected samples
Fill in Grid J8	Stage 2A Quarry Area	6th September 2018	J8-1 to 10	Grey/blue shale	10,000	10	TRH, BTEX, PAH, , Heavy metals, asbestos – all samples OC/OP/PCB – selected samples

Material Source (*Grid Reference (GR))	Placement Area(s)	Sample Date	Sample IDs	Material Description	Total Approximate volume (m3)	Primary Sample No.	Analytical Suite
Grade A Shale stockpile (I9)	East of Stage 2A Quarry Area, Mezzanine Area	17th June 2019	GASP-1 to 10	Blue shale	7,000	10	TRH, BTEX, PAH, OC/OP/PCB, Heavy metals, asbestos
Red clay (N8)	Mezzanine Area	7th November 2019	N8-1 to 10	Red Clay	10,000	10	TRH, BTEX, PAH, OC/OP/PCB, Heavy metals, asbestos
Topsoil from Stage 1/2	Mezzanine Area,	13th November 2019	TS-1 to TS-20	Brown silty topsoil	15,000	20	TRH, BTEX, PAH, OC/OP/PCB, Heavy metals, asbestos
Grade A Shale Stockpile (I8)	Pad 3	8th August 2019 29th November 2019	I8SP-1 to 20	Blue shale/bedrock	15,000	20	TRH, BTEX, PAH, OC/OP/PCB, Heavy metals, asbestos
Topsoil stockpile from Stage 2	Mezzanine Area	19th December 2019	N10SP-1 to 20	Brown silty clay topsoil	14,500	20	TRH, BTEX, PAH, OC/OP/PCB, Heavy metals, asbestos
Grade A from top of quarry hole	Stage 2A, Pad 1, 2, 3 and 4 of former ATA	13th January 2020 30th January 2020 26th February 2020 20th May 2020 10th June 2020	K13SP-1 to 50	Brown/orange/grey silty clay	50,000	50	TRH, BTEX, PAH, OC/OP/PCB, Heavy metals, asbestos
Eastern bund Natural material	Pad 1 and Grid N11 to N8	15th January 2020	O10-1 to 10	Brown silty clay and blue shale	10,000	10	TRH, BTEX, PAH, OC/OP/PCB, Heavy metals, asbestos
Natural Material Pad 1 (GR D4,5,6)	Pad 1 and 2	26th February 2020 17th March 2020 8th April 2020 4th May 2020	D6SP-1 to 8 D4SP1 to 15	Brown Grey shale	17,500	23	TRH, BTEX, PAH, OC/OP/PCB, Heavy metals, asbestos
Summary of Site sourced VENM and residual brick making materials					**360,000**	**406**	

All samples were collected by the ERM personnel trained in field investigation techniques. The consultant reported that soil samples were immediately placed within laboratory supplied sample containers. Each sample was allocated a unique sample identity including the samples initials, date of sampling and project number. Each sample was collected using a new pair of disposable nitrile gloves, which were changed between each sample. Chemical samples were placed immediately into chilled cooler to minimise loss of potential volatile components. Samples were reported under chain of custody conditions to the nominated NATA accredited project laboratories, namely Envirolab Services, SGS Australia and Australian Safer Environment and Technology.

8.3.1 Assessment and Remediation of Southern Bund Wall

Southern Bund Characterisation Assessment

As bulk earthworks of the Southern Bund Wall progressed, depths greater than 5m not previous assessed were able to be accessed and sampled. Test pits below 5m were collected in the approximate locations of the original 36 test pits advanced into the bund wall. A sample location is provided on Figure 8 in **Appendix I**.

An excavator was used to advance each test pit to depths below 5m once the top 5m of the bund was removed. For consistency, the original test pit locations and IDs were used for additional sample analysis as well as the depth of the sample IDs continuing from the original surface of the bund. This method was progressed over the length of the bund wall.

Soil samples of the bund wall material were collected at the surface and every metre thereafter, at depths where changes to the soil profile were observed, or where there were signs of contamination. A total of 215 soil samples were collected from the bund wall as part of the additional characterisation assessment. An additional 34 samples were also collected of unexpected finds material located within the bund wall.

The consultant reported that a total of 434,840 m^3 of bund wall material was assessed (including the volume of unexpected finds UFEBP10 and UFH4) and a sampling density exceeding 1 per 1,000m^3 of material was achieved in accordance with the MAIP.

Chemical samples were placed immediately into a chilled esky to prevent the loss of potential volatile components. The samples were transported under standard ERM chain of custody protocols to the NATA accredited laboratories – Envirolab Services Pty Ltd, ALS, SGS Australia, and Australian Safer Environment & Technology Pty Ltd. All chemical samples were stored and transported at temperature below 4°C

Soil samples were analysed for heavy metals (arsenic, cadmium, chromium, copper, lead, mercury, nickel, and zinc), TRH, BTEX, OCPs, PCBs, PAHs and asbestos.

Southern Bund Remediation

Materials were progressively excavated form the bund from top to bottom, moving along the length of the wall. Material was segregated based on the material type in accordance with the RAP (ERM, December 2018).

Excavation works of the bund wall were conducted under full-time supervision by a Class A asbestos contractor (Empire Contracting Pty Ltd AD204967) who visually inspected the materials for the presence of ACM.

Where no asbestos was visually identified during excavation works and materials matched 'Type 1' description as described by the RAP, the material was beneficially reused on-site as fill.

Impacted materials matching the Type 2, 3 and 4 descriptions were stockpiled separately in approximately 70m^3 stockpiles within the ATA for remediation. These materials were visually inspected and sampled by ERM. A total of 300,000 m^3 of material was noted to require remediation from the southern bund wall.

Materials were assessed for land use suitability and beneficial reuse on-site when in compliance with the commercial/industrial land use criteria (NEPM, 2013).

A total approximate volume of 434,840 m^3 of material was excavated and sorted from the bund wall. This included all noncompliant material and footprint scrapes. Of the 434,840 m^3 of material a total approximate volume of 412,790 m^3 was assessed as compliant with the adopted site criteria. This material was placed on-site at depths greater than 2 m below the final surface level which was confirmed by GPS equipment attached to the compactors during filling.

Where material was assessed to not be compliant, contaminated soils were temporarily stockpiled in a designated storage area within the Stage 3 area adjacent the site, in accordance with the *Asbestos Management Plan* prepared for the remediation works.

Only soils validated as being suitable for commercial/industrial land use were used as fill material within the Stage 2A area.

Unexpected Finds

During excavation of the southern bund wall, two unexpected finds were encountered.

The first unexpected find was located in the eastern section of the bund wall, towards the north of the site, at depth and identified as UFEBP10. Materials comprised approximately 1,200m^3 of dark grey/black sandy clay with red crushed brick, ACM and timber. As no asbestos was previously identified within this section of the bund wall this was identified as a hotspot of ACM. The material was assessed for land use suitability and owing to the presence of bonded asbestos material, was excavated and remediated within the ATA.

The second unexpected find was located within the southern section of the bund wall and was identified as UFH4. Materials comprised approximately 10,000m^3 of wet, brown loamy soil with large amounts of foreign materials such as concrete, brick and metal. Materials were visually different to previous materials observed within the southern bund, as such this material was identified as an unexpected find and stockpiled separately within the ATA for assessment.

The combined 11,200 m^3 of unexpected finds were sorted and stockpiled into the ATA and accounted for with the total remediated material volume.

Unexpected Finds locations are provided on the consultant's figures included in **Appendix I**.

8.3.2 Reuse Materials Assessment

Between October 2016 and June 2020 progressive filling works of the Stage 2A area was conducted using a combination of site sourced material from the adjacent development areas and imported material.

Site Sourced Fill

During the filling works within Stage 2A, ERM collected validation samples from stockpiled material to confirm the suitability of material for backfilling. The material was sourced from Stages 1 and 2 (A,B,C) and was generally observed to comprise VENM described at silt clays and shales. No indications of excess foreign material, staining or odours were observed during the assessment process of the on-site sourced VENM material. A sampling rate of one sample per 1,000 m^3 was adopted and the material was confirmed to be compliant with land use criteria.

Silt for Stage 1 Basins

The consultant calculated that approximately 20,288 m^3 of silt from Stage 1 Basins (2765 loads calculated at 16m^3 per load) was placed within the Stage 2A area.

Approximately 15,288 m^3 of this material was initially assessed with a total of 16 samples collected. The remainder of the material was blended on-site with Grade A material under geotechnical direction to achieve compaction quality requirements. Silt materials were sampled both prior to blending and once blended with the majority being placed within the Stage 2A Quarry Area. This material was assessed in accordance with the MAIP and confirmed to be compliant with land use criteria.

8.3.3 Imported Material

A total of approximately 24,151 m^3 of sandstone was imported to the wider development for construction requirements of “Road 1” and construction of the new bund wall.

Source sites for imported materials were assessed in accordance with the MAIP and demonstrated to be compliant with the site requirements.

In addition, approximately 1718 tonnes of DGS40 sub-base and 3201 tonnes of DGB20 base course was imported to site for the construction of Road 1. As these materials comply with the requirements of the NSW EPA Recovered Aggregate Exemption 2014, they were not sampled.

VENM certificates and compliance records were appended to the *Validation Report* (ERM, September 2020). The following table provided by the consultant summarised the material imported to the site.

Table 8-2 Summary of Imported Materials

Source	Classification	Report Reference	Material Description	Approximate Volume (m^3)	ERM Sample Date	ERM Additional Sample ID	Lab Report No.	Analytical Suite
Millers St (Victoria Cross)	VENM	SYM-08-14988	Sandstone	7,413	12th November 2018	MS-1 to 4	205451	TRH, BTEX, PAH, Pesticides, PCB, Metals
Barangaroo	VENM	SYM-01-14575_IS11	Sandstone	14,263	13th November 2018 29th October 2019	BS-1 to 5	205601 229506	TRH, BTEX, PAH, Pesticides, PCB, Metals, Asbestos
McLaren St (Victoria Cross)	VENM	85608.05.R.006.Rev0	Sandstone	2,475	NA	NA	NA	BTEX, PAH, TRH, OPP, OCP, PCB, Total Phenols, Asbestos, Metals
Boral	Recovered Aggregate	NA	DGB20-Road Base course	1718 tonnes	NA	NA	670741.04-16 to 28	NA
Boral	Recovered Aggregate	NA	DGS40-Road Subbase	3201 tonnes	NA	NA	670741.04-16 to 28	NA

8.4 Validation Program

The assessment/validation sampling program conducted at the site was broadly consistent with the proposed strategy outlined in the RAP (ERM, December 2019), Addendum to the RAP (ERM, December 2018) and MAIP (DLA, March 2018). Consultant ERM supervised the excavation and placement of soils during the Stage 2A earthworks. The consultant noted that additional site supervision was provided by consultant Douglas Partners who oversaw placement of material from a geotechnical perspective.

ERM confirmed that a combined visual and sampling approach was adopted for the assessment and validation of in situ, imported and beneficially reused material in the Stage 2A area.

8.5 Validation Results

Analytical summary tables of soil validation results were prepared by the consultant and are provided in **Appendix J**. Site plans illustrating the location of validation sampling points are presented in **Appendix I.**

8.5.1 Visual Inspection

Visual inspection of the assessed/validated material confirmed that no potentially contaminated material was observed with no evidence of odours, staining, foreign materials and/or ACM observed by the consultant.

8.5.2 Validation Soil Results

Southern Bund Wall Characterisation

All soil samples collected from the test pits advanced as part of the bund wall characterisation works analysed for heavy metals, TRH, BTEX and pesticides reported concentrations below the adopted validation criteria.

A total of 34 primary test pit samples from the bund wall material reported exceedances of the adopted ESL criteria for B(a)P (1.4 mg/kg) with a maximum concentration of 27 mg/kg. Additionally, sample TP40_6.5 (42mg/kg) reported a minor exceedance of the adopted HIL

criteria for B(a)P TEQ (40mg/kg). Calculation of the 95% UCL indicated a value of 5.039 to be used which is compliant with the adopted site criteria. All remaining test pit samples were found to be compliant with the adopted PAH site criteria.

The concentrations of PCBs in sample TP45_9 (11 mg/kg) reported an exceedance of the adopted HIL criteria (7 mg/kg). Calculation of the 95% UCL indicated a value of 3.445 which is compliant with the adopted site criteria.

A total of 56 asbestos soil samples were collected during test pit sampling of the bund wall material at depths greater than 5 m. Of these, two samples reported detections of AF/FA which were below the adopted site criteria. The consultant noted that the need for collecting asbestos samples at every test pit location was not considered necessary as sufficient asbestos sampling post-sorting was conducted of all bund wall material.

Bund Wall Remediation

A total of 6,212 asbestos quantification samples were collected from remediated stockpiles of bund wall material. Results indicated a total of 315 stockpiles exceeding the adopted site acceptance criteria for AF/FA (5.07% fail rate). Failed material was temporarily stockpiled in the Stage 3 area awaiting the establishment of the on-site containment cell.

All other remediated stockpiled material was assessed to be suitable for placement at depths greater than 2.0 m below the final surface level of the site.

Bund Wall and ATA Footprint Validation

Due to the progress of bulk earthworks at the site, the ATA was subdivided into four sections for validation purposes with a total approximate area of 8.5 hectares. A total of 486 asbestos soil samples were collected from the footprint of the ATA and bund wall over multiple sampling events. The sampling density was in accordance with RAP, exceeding a sampling rate of twice the NSW EPA Sampling Design Guidelines (1995).

If samples reported detections of AF/FA or ACM, the area was scraped and re-validated until no detections of asbestos were reported. The consultants Figures 6a to 6d in **Appendix I** depict the ATA validation sample locations.

Unexpected Finds

UFEBP10 was uncovered during bulk excavation works of the eastern portion of the bund wall. The material was excavated and stockpiled separately within the ATA for sorting and assessed in accordance with the RAP (ERM, 2019). A total of ten samples were collected and analysed from the excavated material and all results were compliant with the adopted land use criteria. This material was spread, handpicked and stockpiled within the ATA for asbestos quantification sampling.

A Photon Ionisation Detector (PID) was used as a semi-quantitative indicator of the potential presence of volatile contaminants in soil. PID readings ranged between 0.0 and 0.6 ppm and did not indicate the presence of volatile compounds.

UFH4 was uncovered during bulk excavation works of the southern part of the bund wall.

A total of 20 samples were collected from the excavated material and all results were compliant with the adopted land use criteria. This material was spread, handpicked and stockpiled within the ATA for asbestos quantification sampling.

Site Sourced Fill Material

All samples collected from the site sourced (including adjacent Stage 1 and Stages 2B and 2C) fill material reported contaminant concentrations below the adopted site criteria.

A total of approximately 20,288m^3 of dam sediments was excavated from Stage 1 and placed within the Stage 2A area. A total of 16 sediment samples were collected from this material and a further 20 samples collected from the material post-blending with Grade A material. The results indicated the sediment was compliant with the adopted site acceptance criteria and is suitable for beneficial reuse within the site.

8.6 Waste Classification

No waste soil was removed for off-site disposal as part of the Stage 2A works.

The following table summarises the pre-classified waste disposed from the site.

Table 8-3 Waste Disposal Information

Waste Type	Disposal Date	Quantity (tonnes)	Disposal Facility
Pre-Classified – Asbestos	02/04/2019	1.76	SUEZ Elizabeth Drive Landfill
Pre-Classified – Asbestos	30/05/2019	1.5	SUEZ Elizabeth Drive Landfill
Pre-Classified – Asbestos	24/09/2019 and 25/09/2019	1.28	SUEZ Elizabeth Drive Landfill
Machinery Tyres	12/03/2019 to 6/07/2020	27	Blacktown Waste Services
MQ C&D	5/02/2019 to 29/06/2020	1064.64	Blacktown Waste Services and Penrith Waste Services
Truck Tyres	12/03/2019 to 6/07/2020	217	Blacktown Waste Services
Tyres	2/12/2019 to 6/07/2020	199	Blacktown Waste Services

MQ C&D – Mulgoa Quarries Construction & Demolition Waste

8.7 Data Quality Assurance and Quality Control

A quality assurance/quality control assessment was prepared by the consultant and provided within the *Validation Report* (ERM, September 2020). ERM reported that 105 intra-laboratory duplicate soil samples and 70 inter-laboratory duplicate soil samples were collected as part of the validation sampling activities. The consultant noted that the number of duplicate soil samples achieved the recommended minimum requirements of 10% and 5%.

Trip spike and trip blank samples were not collected during the validation program given the absence of volatile contaminants of concern. Rinsate samples were also not collected. The consultant provided details of decontamination procedures for all reusable sampling equipment. All samples were placed in dedicated laboratory supplied sample containers with unique IDs. All samples were accompanied by a chain of custody form and transported in chilled conditions to the nominated project laboratory.

The RPD calculations for duplicates samples were discussed by the consultant within the validation report and stated that all RPD calculations conformed with the DQIs.

The consultant completed a review of laboratory analytical reports and associated QC criteria (holding times, laboratory duplicates, spike recoveries, surrogate standards, and laboratory blanks) and concluded the analytical data generated is representative of the overall site condition.

8.8 Ongoing Management

No ongoing soil or groundwater management is considered to be required at the site following completion of the remediation and validation works.

Ongoing monitoring and management of the adjacent former Camide Landfill is required and is discussed in **Section 10**.

8.9 Consultant's Conclusions

The consultant reported the following conclusions:

- The validation program and subsequent reporting are considered to be adequate for the assessment purposes to evaluate the suitability of the site for its intended commercial/industrial land use.
- Soils present within Stage 2A and imported to Stage 2A from the adjacent Stage 1 and 2 areas were found to be compliant with the adopted land use criteria and remediation was not required.

8.10 Audit Evaluation of Validation Report

The following sections provide discussion of the Site Audit findings of the material assessment and validation works reported for the Stage 2A area.

8.10.1 Material Assessment and Validation Work Program

The material assessment and validation work program, as documented in the RAP (ERM, December 2019), Addendum to the RAP (ERM, December 2018) and MAIP (DLA, March 2018), and described in the *Validation Report* prepared by ERM (ERM, September 2020) was appropriate for the site.

No contamination was observed during initial investigation of the site (Phase 2), however, the RAP identified the southern bund as an area of concern likely to contain asbestos. The RAP and Addendum to the RAP recommended that additional assessment should be undertaken during cut and fill activities in the event of unidentified contamination being present at the site. The ground conditions observed during the excavation and assessment works were consistent with expected conditions based upon desktop study findings and site conditions observed during the initial site investigation works, with the exception of the two unexpected finds identified during the bund excavation works.

The consultant undertook the assessment and validation sampling and analysis in a systematic way, meeting the objectives of the remediation and validation program.

8.10.2 Validation Data Quality Assurance and Quality Control

A QA/QC program was implemented to provide data of an appropriate quality and validity to meet the objectives. The program consisted of field QA/QC measures and laboratory QA/QC procedures.

Quality assurance/quality control in the field consisted of the following procedures:

- Supervision of works by experienced environmental consultants.
- Samples collected into appropriate laboratory supplied glass jars and zip lock bags (asbestos samples).
- Transporting samples under chain of custody conditions to a laboratory that is a NATA accredited for the analysis performed.

Laboratory QA/QC analysis was in accordance with the following procedures:

- Analysis and reporting of laboratory duplicate samples.
- Analysis and reporting of laboratory method blank samples.
- Analysis and reporting of laboratory control samples or certified control samples.
- Analysis and reporting of laboratory control spikes, matrix spikes and surrogate spikes.

The QA/QC undertaken during the validation sampling and reported by the consultant has been reviewed by the Site Auditor in reference to the parameters of precision, accuracy, representativeness, comparability, and completeness (the PARCC parameters) which are a useful tool for evaluating the quality control techniques used.

The following table summarises the QA/QC in relation to the PARCC parameters.

Table 8-4 Validation QA/QC Summary

Quality Indicator	Frequency & Acceptable Quality Parameter	Auditor Review of Quality Parameter Acceptance
Precision		
Intra-laboratory duplicates	Greater than 5% for COPC analytes Results <30-50% RPD	RPDs – acceptable*
Inter-laboratory duplicates	Greater than 5% for COPC analytes Results <30-50% RPD	RPDs – acceptable*
Laboratory duplicates	1 in 20 samples, <50% RPD (>10xEQL), <75% RPD (5-10xEQL), <100% RPD (<5xEQL)	RPDs – acceptable*
Accuracy		
Matrix spikes	70-130%	Acceptable*
Certified reference material or Laboratory Control Sample	70-130%	Acceptable
Surrogate Spikes	70-130%	Acceptable
Representativeness		
Sampling appropriate for media and analytes	As per NEPM and AS 4482.1	Yes
Rinsate blanks	1 per sample batch <LOR	Not collected*

Quality Indicator	Frequency & Acceptable Quality Parameter	Auditor Review of Quality Parameter Acceptance
Trip spikes/trip blanks	1 per sample batch 70-130%/<LOR	Not collected*
Laboratory blanks	1 per 20 or 1 per batch <LOR	<LOR
Samples extracted and analysed within holding times	Extracted within holding times	Yes
Comparability		
Standard operating procedures used for sample collection and handling	Suitable description of sampling procedures	Yes
Standard analytical methods used for all analyses	Analytical methods are referenced and NATA Accredited	Yes
Consistent field conditions, sampling staff and laboratory analysis	Consistent fieldwork team, single primary laboratory used	Yes
Limits of reporting appropriate and consistent	Reporting limits less than the appropriate site criteria	Yes
Completeness		
Appropriate and complete COC documentation	Supplied in report	No
Satisfactory frequency and result for QC samples	As per NEPM and AS 4482.1	Yes
Data from critical samples is considered valid	COC	Yes

*Table Notes: * specifically discussed in Auditor comments*

The QA/QC assessment and interpretation was generally found to be adequate. The field QA/QC program implemented by the consultant included the collection of intra-laboratory and inter-laboratory duplicates at the required frequencies. A limited discussion of RPD results was included with reported.

It is unfortunate that rinsate samples, trip spike and trip blank samples did not appear to be collected across the sampling program. The consultant noted that adequate decontamination procedures were in place, however, it would have been beneficial to have collected additional QA/QC samples to support the veracity of this statement. Considering that the purpose of such samples is to determine the potential for cross-contamination resulting in the error of stating that contamination is more widespread than it actually is this is not a primary concern for the Audit objective. Chain of custody documentation was provided with the investigation reports for the majority of laboratory batches submitted to the nominated project laboratories.

Discussion of laboratory QA/QC results is provided by the consultant, and where available laboratory QA/QC information has been appended to the report in addition to the laboratory analytical reports. In general, the laboratory QA/QC results indicate that the laboratory analytical program was achieving adequate levels of precision and accuracy during the time when samples from the site were being analysed. As such, the sampling, analytical and quality protocols undertaken by the consultant were considered satisfactory and the data is considered to be adequately reliable for the purpose of assessing the contamination status of the site for the proposed land use.

Overall, the Auditors review of the QA/QC measures employed by the consultant and the laboratory was found to provide adequate information for the purpose of characterising and validating the site.

8.10.3Site Validation Criteria

The site remediation validation criteria has been derived from sources approved by the NSW DECCW under s.105 of the *Contaminated Land Management Act 1997* and are considered appropriate for the protection of human health and the environment at the site with consideration to the site land use.

The criteria adopted by the consultant are considered to be appropriate in the context of the primary contaminants of concern.

8.10.4Validation Results

The consultant discussed the results and provided tables that adequately presented the analytical results from the laboratory reports. Spot checks of the concentrations of contaminants reported by the consultant were undertaken and found to be consistent with those reported by the laboratory. The laboratory procedures were appropriate for the identified contaminants of concern and the adopted remediation criteria against which the results were compared.

The site plans and sample location records provided by the consultant were detailed and adequately identified the validation sampling locations in relation to the assessment areas.

The conclusions reached by the consultant in relation to the validation of the Stage 2A material conducted and required in order to render the site suitable for the proposed land use are considered appropriate.

9 Landfill Gas Assessment

A *Landfill Gas Risk Assessment* (DBD, 2020) was completed for the Stage 2 area by DBD Environmental with the report finalised in November 2020 following review by the Site Auditor. An overview of the landfill gas assessment is provided in the following sub-sections with a Site Auditor review provided in **Section 9.12**.

9.1 Objectives and Scope of Work

The objective of the *Landfill Gas Risk Assessment* (DBD, 2020) was to assess the potential risks of hazardous ground gas to future commercial/industrial site users which have been identified at the adjacent former Camide landfill located to the west of Stage 2. A site plan illustrating the location of the former landfill relative to Stage 2 is provided in **Appendix K**.

The scope of work undertaken as part of the risk assessment process comprised:

- Development of a Sampling Analysis and Quality Plan to define the DQOs of the additional investigation (LFG only).
- Installation of ten LFG monitoring wells along the northern and western boundaries of the Stage 2 development (within the site) to establish LFG conditions on the Stage 2 development site (installation undertaken by ERM).
- Installation of one LFG monitoring well (on the eastern boundary of Stage 3) to establish background LFG conditions for the site.
- Complete six rounds of weekly LFG spot monitoring on the newly installed wells (6 weeks) and the perimeter wells between Stage 2 and the former Camide Landfill.
- After two rounds of LFG spot monitoring hire and deployed two continuous gas analysers to capture a worst-case pressure event along the northern and western boundaries of the Stage 2 development (4 weeks).
- Compile a LFG Risk Assessment report in accordance with the relevant NSW Guidelines pertaining to hazardous ground gas conditions.

9.2 Regulatory Framework for Assessment

The consultant provided the following summary of regulatory documents relating to the former Camide Landfill and assessment and management of landfill gas conditions.

9.2.1 Landfill Closure Plan

The consultant reported that a *Landfill Closure Plan* (LCP) (Egis, 1999) was prepared in accordance with requirements of the deferred commencement conditions 1 to 3 of DA97-1085 and in accordance with NSW EPA guidelines in effect at the time. The LCP was based upon a landfill assessment and RAP prepared for the former Camide Landfill. Key requirements established in the LCP relating to landfill gas included implementation of measures to further limit landfill gas emissions and the implementation of a program for the ongoing monitoring of landfill gas generation, migration, and emissions at the former landfill site.

9.2.2 Fairfield Council Development Application no 437.1/2016

Development Application approval was provided on 18 January 2017 with Engineering Approval – Construction Certificate approval provided on 20 April 2018. Key conditions related to the biofiltration trench installed at the former Camide Landfill.

9.2.3 Environment Protection Licence #123

The consultant reports that the former Camide Landfill site located to the west of the Stage 2 development area is operated in accordance with NSW EPL #123 issued under Section 58 (5) of the Protection of the Environment Operations Act 1997. The most recent edition referred to by the consultant is dated 4 December 2015. The EPL sets out environmental operating conditions for parameters including sub-surface landfill gas, surface emissions, groundwater, and leachate:

- Sub-surface landfill gas – methane, carbon dioxide and oxygen levels are required to be monitored every quarter on boreholes GM1 to GM11 with thresholds for further investigation described within the LCP.
- Surface emissions from former landfill – quarterly monitoring of methane is required across capped areas of the landfill in accordance with Section 5.2 of NSW EPA (2016).
- Groundwater and leachate – quarterly groundwater monitoring is required at locations OW1, OW2, OW4a, OW5, OW7, OW8, DW1 and DW3 as a minimum.

9.2.4 Technical and Regulatory Framework

The consultant confirmed that NSW EPA (2019) *Guidelines for the Assessment and Management of Hazardous Ground Gases* have been adopted for the assessment of landfill gas risks in the Stage 2 development area. The consultant noted that the former Camide Landfill has not been operational since 1994, and the focus of this *Landfill Gas Risk Assessment* is the impact of landfill gas onto the Stage 2 site from the adjoining off-site landfill. It was therefore determined that application of the NSW EPA (2016) *Environmental Guidelines Solid Waste Landfills* was not appropriate.

The consultant noted that the *Landfill Gas Risk Assessment* was undertaken in general accordance with the following regulatory guidance:

- NSW EPA (2019) Guidelines for the Assessment and Management of Hazardous Ground Gases;
- British Standard BS8485:2015 Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings; (British Standard, 2015) and
- National Environment Protection (Assessment of Site Contamination) Measure (NEPC, 1999, Amended 2013).

9.3 Former Camide Landfill

The consultant provided an overview of the former Camide Landfill, located approximately 20 m from the western boundary of the Stage 2 area. The following information was provided:

- The landfill was operated by a waste management contractor from May 1990 to February 1994 with the site receiving approximately 950,000 tonnes of mixed commercial and industrial solid waste. It is considered that some putrescible waste was also likely disposed of at the landfill.
- The landfill was capped and revegetated in 1995. The landfill is capped with approximately 1 m thick clay.
- The total waste thickness was estimated to be approximately 18 m below ground surface.
- A trial passive gas interception trench and biofiltration system was proposed. A biofiltration trench was installed on the western boundary of the landfill with landfill gas monitoring for a period of 9 months to confirm the effectiveness of the system. In early 2019 the biofiltration trench was extended around the circumference of the landfill to create a continuous high-permeability interception system.
- The landfill is understood to be clay lined; records are unavailable to confirm whether it is an engineered clay layer.

9.4 Review of Historical Reports

The consultant provided an overview of historical assessments and reporting for both the Stage 2 area in addition to the former Camide Landfill. The historical report review provided an overview of works completed across both sites, and was utilised to develop the initial CSM as part of the *Landfill Gas Risk Assessment* reporting. In particular the consultant noted that data collected from wells located along the eastern and southern portion of the former Camide Landfill were utilised in the assessment and generation of a CSM for the Stage 2 area with respect to landfill gas conditions. It is noted that the Site Auditor has not undertaken a detailed review of historical reports associated with the former Camide Landfill as part of this site audit. A review of relevant data utilised by the consultant in the generation of a CSM and assessment of the Stage 2 development area has been completed.

9.5 Review of Historical Landfill Gas Monitoring

As part of the *Landfill Gas Risk Assessment*, consultant DBD completed a review of previous landfill gas monitoring data collected by others, as summarised below.

9.5.1 Landfill Gas Monitoring Well Network

A total of 41 LFG wells have been installed around the Former Camide Landfill as part of the various programs of investigation. These comprise the initial 30 locations (DW1, DW2, DW3, LG8, LG9, LG10, GM1-GM13, GM13A, GM14, GM15, GM15A, GM16-GM32) plus the 10 new perimeter wells (installed as part of the risk assessment development) and one background location. Of the initial 30 wells installed, a number were decommissioned / destroyed during the construction of the biofiltration trench in 2018 and early 2019. There are also several wells that are inside the trench which are no longer monitored as part of licence conditions.

A site plan illustrating the location of the landfill gas monitoring wells installed by ERM is provided in **Appendix L**.

9.5.2 Historic Landfill Gas Monitoring Results

Landfill gas monitoring data collected by consultant ERM between August 2017 and February 2020 was reviewed and summarised by DBD. A total of 30 monitoring events were completed by ERM prior to construction of the biofiltration trench in the northern portion of the landfill in September 2018. A total of 15 monitoring events were subsequently completed between September 2018 and February 2020.

Monitoring data collected for the site by ERM was presented graphically as an appendix to the report. A detailed summary or interpretation of the monitoring data was not provided by DBD.

9.6 Initial Conceptual Site Model

The consultant provided details of an initial CSM which was developed based upon available background information. This CSM was subsequently updated and refined following further assessment and monitoring at the site. The initial CSM considered the following:

- **Source** – the primary source of landfill gas is derived from decomposition of buried putrescible waste in the former landfill to the south of the Stage 1 area.
- **Pathways for landfill gas** – the primary pathways for landfill gas from the former landfill to off-site receptors are via soil, the underlying geology, and as dissolved phase in groundwater.
- **Receptors** – potential receptors include workers and site users including maintenance personnel and future users of the site.

9.7 Assessment Criteria

The consultant reported that assessment criteria for landfill gas monitoring were derived in accordance with NSW EPA (2019). Threshold criteria for methane of 1 % v/v was adopted.

Carbon dioxide screening criteria varied depending on the well location and calculated based on the recorded background concentrations. The consultant reported that prior to the establishment of a background location at GM43, landfill gas assessments utilised the highest CO_2 concentration from the established well network (GM18-GM32) as the screening criteria for further investigation. For continuity, this approach was adopted for the current investigation.

The newly installed wells have been screened for CO_2 against the background criteria plus 1.5% (v/v) above the highest established natural background levels. During the current investigation this results in a background CO_2 criteria of 6.4 (%v/V).

Health Investigation Levels (HILs) for volatile organic compounds (VOCs) for commercial/industrial land use derived from NEPM (NEPC, 1999, Amended 2013) were adopted for the assessment of VOC results.

The adopted criteria are presented in the following summary

Table **9-1 prepared by the consultant.**

Table 9-1 Adopted Background Criteria (DBD, 2020)

	Criteria	
	CH_4 (%V/V)#	CO_2 Criteria (% v/v)
GM18	1.0	5.7*
GM20	1.0	11.8*
GM21	1.0	5.7*
GM22	1.0	22.6*
GM23	1.0	11.3*
GM25	1.0	15.9*
GM26	1.0	18.7*
GM27	1.0	17.7*
GM28	1.0	21.2*
GM29	1.0	14.4*
GM30	1.0	5.7*
GM31	1.0	14.0*
GM32	1.0	6.4**
GM33	1.0	6.4**
GM34	1.0	6.4**
GM35	1.0	6.4**
GM36	1.0	6.4**
GM37	1.0	6.4**
GM38	1.0	6.4**
GM39	1.0	6.4**
GM40	1.0	6.4**
GM41	1.0	6.4**
GM42	1.0	6.4**
GM43	1.0	6.4**
GM44	1.0	6.4**

Notes: # NSW EPA (2019), Assessment and Management of Hazardous Ground Gas

*Historically established background concentration for the existing well network

**Background concentration 1.5% above the adopted CO2 concentrations from newly installed background location GM43.

9.8 Field Investigation and Sampling

In order to complete the landfill gas risk assessment, consultant ERM undertook a field investigation and sampling program to supplement the historical data available for the site and address data gaps identified by previous investigations. The activities undertaken as part of these works are summarised in the following subsections.

9.8.1 Well Installation and Monitoring

A total of 10 landfill gas monitoring wells were installed between 22nd and 25th June 2020 along the boundary between the Stage 2 site and the former Camide Landfill. An additional location (GM43) was established as a background monitoring location.

The wells were placed with consideration of the current well network to establish approximately 20m spacing.

The wells were installed to the intersection of groundwater which was encountered between 8 to 10m below ground level. Where groundwater was not identified during drilling, the wells were drilled to a greater depth (up to 14.2m), expected to be within groundwater and allowed to recharge. Following the recharge period, groundwater was identified in all wells with the exception of background well GM43. The wells were drilled using a combination of hand auger, air blade and air hammer drilling techniques.

DBD reports that the wells were installed to the intersection of groundwater which was encountered between 8 to 10 m below ground level. Where groundwater was not identified during drilling, the wells were drilled to a greater depth (up to 14.2m), expected to be within groundwater and allowed to recharge. Following the recharge period, groundwater was identified in all wells with the exception of background well GM43. The wells were drilled using a combination of hand auger, air blade and air hammer drilling techniques.

All gas monitoring wells were fitted with a cap tapped to take a quick-connect fitting that seals the well and allows easy connection to a measuring instrument. Well construction logs were appended to the Risk Assessment report.

The location of the wells are shown on Figures 4 and 5 in **Appendix K**.

9.8.2 Monitoring Methodology

Spot Monitoring

Spot monitoring was carried out on the perimeter network between the former Camide Landfill and the Stage 2 development. An equalisation period of at least a week was allowed between well installation and sampling to ensure representative readings were taken.

Spot monitoring was undertaken between 1st of July and the 7th August 2020 using a GFM430 and a GA5000. The GA5000 was used to ensure comparability of historically collected results and the GFM430 was used to ensure an accurate flow reading for the purposes of a risk assessment was recorded.

The methodology adopted fro the spot monitoring program was as follows:

- Open well cover to expose gas tight excap fitting.
- Zero flow and differential pressure reading on analyser.
- Connect GFM430 LFG flow inlet tube to borehole, wait for flow to stabilise and record flow.
- Sample LFG until stabilised or sampling had occurred for 3 minutes (whichever comes first).
- Record gas readings. If stabilisation was not achieved, then record peak and final gas concentrations with a note that stabilisation has not occurred.
- Repeat using the GA5000 gas analyser.
- Disconnect analyser, secure probe and perform fresh air purge before commencing monitoring at next gas well.

Continuous Monitoring

Gas well locations GM20, GM38 and GM44 were selected for continuous monitoring using GasfluXTM units. The consultant noted that one unit was initially deployed at GM39, however, this was relocated to the adjacent GM38 to gain a greater understanding of the conditions at this location.

9.8.3 Monitoring Results - 2020

Groundwater Levels

Groundwater levels in wells GM38, GM39, GM40 and GM41 were reported at approximately 10-12 m depth, which was interpreted by the consultant to be below the invert level of the biofiltration trench (approximately 9m deep). The groundwater levels in these wells look relatively stable over the six weeks of monitoring and may have a slightly increasing water level.

Spot Monitoring

Spot monitoring was undertaken across six events on the 7th 14th, 21st and 29th of July and the 4th and 7th August 2020.

The tabulated data from the spot monitoring is included in **Appendix L** and summarised below.

Methane

The methane concentration measured across the six monitoring rounds reported below 1% (v/v) with the exception of GM22, GM28 and GM29 which are all locations inside of the biofiltration trench and considered indicative of the landfill conditions. One spike of methane was reported in GM38 during the first spot monitoring event at 4.5% (v/v). This concentration was investigated by the placement of the continuous monitor at this location. The background location GM43 reported a methane concentration of 0.0% (v/v) in all six monitoring events.

Carbon Dioxide

Carbon dioxide concentrations measured across the six monitoring rounds reported at least one event where conditions exceeded either the historical threshold or above the background conditions for each location (newly installed wells). The background location GM43 reported a concentration range of 4.0% (v/v) to 4.9% (v/v).

The highest CO_2 concentrations were reported in GM36 and GM37 and display an increasing trend since installation. The remainder of the wells installed during the recent investigation (GM33-GM44) display no discernible trend.

The existing monitoring wells GM18-GM32 do not report any discernible trend across the spot monitoring pre- and post-installation of the biofiltration trench.

The consultant reported that the results from both gas analysers were comparable and the flow measurements obtained from the GFM430 are comparable with the historical measurements taken with the GA5000.

Oxygen

Oxygen concentrations are directly influenced by the concentrations of other permanent gases specifically carbon dioxide. Perimeter LFG locations reported between 20.5% (v/v) and 2% (v/v) dependant on the atmospheric conditions.

Hydrogen Sulfide

Hydrogen Sulfide in all gas wells on-site and off-site were recorded at between 0 and 3ppm below the threshold of 5ppm.

Carbon Monoxide

Carbon Monoxide readings in all on-site and off-site wells were recorded at or below the threshold criteria.

Volatile Organic Compounds

A comparison of the VOC trace gas concentrations was completed for the Former Camide Landfill in May 2019. The result of the VOCs in the landfill compared to the concentrations for analytes with commercial/industrial HILs was included in the risk assessment report.

The results show that a sample collected form inside of the biofiltration system reports concentrations of trace gases orders of magnitude higher than the results from the perimeter monitoring well MW103 when detected. The screening of trace VOC results from DW3 against available criteria indicate that the generation of VOCs inside the biofiltration trench are not likely to pose a risk to a commercial/industrial land use on the former Camide Landfill site. The reported concentrations in the external perimeter location (MW103) report close to the laboratory Limit of Reporting (LOR) for all trace gases in the T015 screen which was analysed for in previous assessments.

The consultant considered the upgradient location of the Stage 2 area would be further reducing the likelihood of VOCs migrating in groundwater and the distance from waste between MW103 and the closest boundary between Stage 2 and the former Camide Landfill being similar (approx. 50m) providing the same buffering capacity through the local geology. As the historical testing of trace VOC gases reported concentrations within the landfill at levels that did not exceed screening criteria, and perimeter well network concentrations at or close to LOR, the presence of VOCs was not considered to pose a risk to the future users of the Stage 2 site

Continuous Monitoring

Monitoring results varied significantly between the two locations positioned on the outside perimeter network (GM38 & GM44) compared with the well located in close proximity to the biofiltration trench (GM20). The variation in steady-state flow is the most significant difference with GM20 reporting a maximum flow of 40.24 L/hr at an average of 12.05 L/hr, which is not indicative of flow through the natural geology.

The flow at the perimeter reports a maximum flow at approximately 2.2 L/hr and an average of less than 0.08 L/hr. The flow reported at GM38 and GM44 is consistent with the historical flow regime reported in the spot monitoring completed over the six-week period and the historical flow reported for wells in the natural geology.

The following table was provided by the consultant summarising the results from the continuous monitoring.

Table 9-2 Summary of Continuous Monitoring Results (DBD, 2020)

Well ID		Methane (%v/v)	Carbon dioxide (%v/v)	Carbon monoxide (ppm)	Hydrogen sulphide (ppm)	Steady State Flow (L/hr)	Worst-case meteorological event achieved?
GM20	Max	1.75	12.7	11.71	0.41	40.24	Yes
	Average	0.05	5.67	1.87	0.14	12.05	
GM44	Max	0.0	10.9	7.48	0.53	2.18	Yes
	Average	0.0	3.36	0.13	0.30	-0.01	
GM38	Max	3.77	17.81	2.11	0.45	2.25	Yes
	Average	0.84	12.29	0.17	0.21	0.08	
GM39 (1 week)	Max	0.02	9.45	3.8	0.33	0.8	No
	Average	0.002	2.25	0.44	0.15	0.005	

The results from GM20, GM38 and GM44 reported a strong relationship to atmospheric pressure. As the atmospheric pressure dropped an increase in carbon dioxide and carbon monoxide was recorded, with oxygen showing an inverse relationship. The borehole flow in GM38 and GM44, although low, displays a similar inverse relationship with atmospheric pressure with the reported peaks occurring during decreasing barometric pressure.

The consultant prepared gas plots illustration concentration, Gas Screening Value (GSV) and gas data. Methane concentration and GSV were plotted over time against barometric pressure.

The consultant reported a correlation with pressure changes and the concentration of carbon dioxide. It is reported that the composition of ground conditions coupled with the presence of water in the well may be contributing to the concentration of carbon dioxide and correlation with barometric pressure.

9.9 Quality Assurance and Quality Control

The consultant undertook a review of the adequacy and quality of ground gas data collected as part of the investigation. The data objectives set out for landfill gas assessment were all considered to be met. The consultant noted that suitably qualified and experienced personnel undertook landfill gas monitoring activities. All equipment was calibrated, serviced and maintained in line with manufacturer recommendations. Bump testing was also performed on equipment.

9.10 Risk Assessment

The consultant completed a landfill gas risk assessment in accordance with NSW EPA (2019), with the focus of the assessment being the risk of sub-surface migration of landfill gas from the adjacent off-site former landfill to the Stage 2 development area.

The consultant has noted that sub-surface migration is considered to be the greatest potential concern. The risk assessment methodology adopted a three-step assessment in line with recommendations within NSW EPA (2012):

- preliminary screening
- level 1 Risk analysis and assessment (qualitative)
- level 2 Risk analysis and assessment (semi-qualitative based on measured flow rates, gas generation rate modelling and continuous monitoring results)

Preliminary screening, and a subsequent Level 1 risk analysis and assessment, as set out in the guidelines, indicated a potential risk may be present to future on-site receptors. As such, a Level 2 risk assessment was undertaken.

The Level 2 risk analysis and assessment considers both landfill gas concentrations and flow rates to define a Characteristic Situation (CS) for the site using a calculation of a GSV. The consultant conservatively adopted the highest methane and carbon dioxide readings recorded during the spot monitoring events for the calculation of the GSV and CS.

The consultant provided the following table of calculated GSV and CS values.

Table 9-3 Summary of Calculated Gas Screening Values – Spot Monitoring Data (DBD, 2020)

Spot Monitoring GSV Data						Characteristic Situation	Risk
Well ID	Max CH4	Max CO2	Max Flow	GSV CH4	GSV CO2		
GM18	1.00	15.50	0.30	0.0030	0.0465	1	Very Low
GM20	33.40	16.00	0.20	0.0668	0.0320	1	Very Low
GM23	1.60	11.60	0.20	0.0032	0.0232	1	Very Low
GM24	3.50	17.70	0.20	0.0070	0.0354	1	Very Low
GM25	0.50	22.90	1.20	0.0060	0.2748	2	Low
GM26	0.30	17.20	1.00	0.0030	0.1720	2	Low
GM27	23.70	55.70	1.30	0.3081	0.7241	3	Moderate
GM30	40.70	13.80	6.50	2.6455	0.8970	3	Moderate
GM31	18.20	18.00	0.40	0.0728	0.0720	3	Moderate
GM32	4.50	17.00	1.90	0.0855	0.3230	3	Moderate
GM33	0.00	7.60	0.20	0.0000	0.0152	1	Very Low
GM34	0.20	12.60	0.30	0.0006	0.0378	1	Very Low
GM35	0.10	10.60	0.30	0.0003	0.0318	1	Very Low
GM36	0.00	12.80	2.70	0.0000	0.3456	2	Low
GM37	0.00	12.90	1.60	0.0000	0.2064	2	Low
GM39	0.00	8.90	0.80	0.0000	0.0712	2	Low
GM40	0.00	12.10	0.40	0.0000	0.0484	1	Very Low
GM41	0.00	18.10	0.20	0.0000	0.0362	1	Very Low
GM42	0.00	18.00	0.00	0.0000	0.0000	1	Very Low
GM43	0.00	4.90	0.00	0.0000	0.0000	1	Very Low

Where available, the continuous monitoring data was utilised in determining the gas screening values as it was the most recent data and recorded significantly higher flow readings which are unable to be inferred for the entire monitoring well network. These calculations are presented in the following table.

Table 9-4 Summary of Calculated Gas Screening Values – Continuous Monitoring Data (DBD, 2020)

Continuous Monitoring GSV Data						Characteristic Situation	Risk
Well ID	Max CH4	Max CO2	Max Flow	GSV CH4	GSV CO2		
GM20	1.75	12.7	48.2	#NA			
GM38	3.77	17.81	2.25	0.0848	0.4007	2	Low
GM44	0.00	10.9	2.18	0.0000	0.2376	2	Low
GM39*	0.02	9.45	0.8	0.0002	0.0756	2	Low

*GM39 only monitoring for seven days until transferred to GM38.

#NA – Calculation of GSV for the well within 0.5m of the gas mitigation measure is not an accurate reflection of conditions at the site or adjacent Stage 2 site.

The consultant noted that GM20 was not considered indicative of the perimeter conditions as it is located too close to the biofiltration trench.

The consultant concluded that based on the CS values taken from the perimeter well network, the risk to Stage 2 is low with a CS of 2. The consultant clarified that the four moderate risk rankings at perimeter locations GM27, GM30, GM31 and GM32 were elevated due to the concentrations of methane and carbon dioxide reported prior to the installation of the biofiltration trench. If these values are omitted, the CS 2 would be applied.

Utilising the guidance values for gas protection presented in Table 8 of the NSW EPA (2019) guidance, the gas protection value of the buildings located on Stage 2 would need to meet a value of 1. It was anticipated that this protection value would be met through the proposed development incorporating reinforced concrete ground-bearing foundation raft slab with limited service penetrations cast into the slab.

9.11 Discussion and Recommendations

The consultant provided an overview of the assessment activities completed. It was noted that the landfill gas modelling and monitoring undertaken as part of the current investigation by DBD/ERM and previous works by others has confirmed that landfill gas is a potential off-site hazard to the Stage 2 area.

A Level 2 risk assessment was completed using both spot monitoring and continuous monitoring data collected from monitoring wells located on Stage 2. Based upon the findings of the landfill gas risk assessment the consultant considered that the risk of landfill gas migration from the former Camide Landfill on the Stage 2 site is low and a CS2 was determined. Utilising the guidance values for gas protection presented in Table 8 of the NSW EPA (2019) guidance, the gas protection value of the buildings located on the Stage 2 site would need to meet a value of 1. It was anticipated that this protection value would be met through the proposed development incorporating reinforced concrete ground-bearing foundation raft slab with limited service penetrations cast into the slab.

Ongoing monitoring of LFG will also be conducted in accordance with the EMP implemented for the Camide Landfill site which requires ongoing monitoring of the performance of the biofiltration trench including monitoring of perimeter wells, gauging of groundwater levels, monitoring of pits and services and ensuring the biofiltration media is monitored to ensure emissions are in accordance with the EPL.

The consultant recommended that survey of the perimeter wells be undertaken so groundwater levels can be evaluated with reference to the invert depth of the biofiltration trench.

Provision for the installation of an active/passive extraction system within the former landfill if the EMP threshold conditions are exceeded and show an increasing trend was also recommended.

9.12 Auditor Review

The Auditor provides a review of the *Landfill Gas Risk Assessment* (DBD, 2020) within the following sub-sections.

Investigation Sampling Design

Assessment of landfill gas has at the former Camide Landfill has been undertaken as part of the LCP and EPL for some time. Most recently, a program of landfill gas monitoring has been undertaken by ERM between 2017 and 2019 with a total of 30 monitoring events completed prior to construction of the biofiltration trench and a total of 15 monitoring events subsequently completed between September 2018 and February 2020 post-construction. This data has provided a reasonably continuous dataset to allow characterisation site and assessment of the effectiveness of the biofiltration trench. The *Landfill Gas Risk Assessment* (DBD, 2020) comprised a detailed review of the landfill gas monitoring network installed by ERM and the program of monitoring data collected between 2017 and 2020. The landfill gas monitoring network established at the site provides acceptable coverage across the western site boundary of Stage 2, and eastern and southern boundaries of the former Camide Landfill. The monitoring network provides data for both the Stage 2 area and former landfill property (inside and outside of the biofiltration trench).

The landfill gas monitoring program performed by ERM comprised sub-surface monitoring across the monitoring well network. This program of monitoring was supplemented by a field program which incorporated a variety of types of monitoring data including gas monitoring wells at depth, high frequency in situ gas analyser and surface monitoring of landfill gases across the biofiltration trench and site surface. The varied data collected as part of the ERM field investigations was utilised to update the CSM for the site and evaluate potential landfill gas risk. The consultant has identified the presence of landfill gas (methane and carbon dioxide) at the site, with concentrations of methane reported to have decreased following the installation of the biofiltration trench. Detections of carbon dioxide have also been reported within wells positioned along the Stage 2 boundary, with no discernible decrease in trends observed following the installation of the biofiltration trench. Soil vapour sampling (undertaken by others) reported acceptable concentrations when compared with the adopted assessment criteria.

A GSV was calculated for all wells along the Stage 2 boundary using both the spot monitoring data and continuous monitoring data. A CS of 2 (low risk) was determined for the data. The gas protection value of the buildings located on Stage 2 site would need to meet a value of 1. It was anticipated that this protection value would be met through the proposed development incorporating reinforced concrete ground-bearing foundation raft slab with limited service penetrations cast into the slab.

The Site Auditor agrees with the consultant's findings. Ongoing monitoring and management of landfill gas conditions at the former Camide Landfill by means of an EMP will be required until the boundary wells show consistently acceptable levels. The Site Auditor considers that the EMP will ensure protection of the surrounding properties (including Stage 2 area), facilitating ongoing commercial/industrial use of the Site Audit area. The EMP will address ongoing monitoring/management requirements with respect to landfill gas risk. Further discussion on the EMP is provided in **Section 10**.

Quality Assurance/Quality Control

DBD (DBD, 2020) utilised the seven-step DQO process as required by the NSW EPA guidelines for Site Auditors (NSW EPA, 2017) in development of the *Sampling, Analysis and Quality Plan* for the installation and monitoring of wells as reported in the Landfill Gas Risk Assessment. The Landfill Gas Risk Assessment (DBD, 2020) did not specifically reference the DQO's.

A review of the field QA/QC program adopted as part of their 2020 investigation and assessment works was provided. Quality control procedures for landfill gas monitoring comprised calibration of monitoring equipment, bump testing and review of metrological conditions.

Overall, the Site Auditor's review of the QA/QC measures employed by the consultant was found to provide adequate information for the purpose of characterising the site.

Site Criteria

The site assessment criteria have been derived from sources approved by the NSW DECCW under s.105 of the *Contaminated Land Management Act 1997*, and were considered appropriate for the protection of human health and the environment at the site with consideration to the site land use at the time of reporting of the site assessment works.

The consultant provides adequate discussion and justification for the landfill gas criteria adopted for the assessment of the site. Soil vapour analytical results were compared against criteria adopted from NEPM (NEPC, 1999, Amended 2013).

Investigation Results

The consultant provided tables that summarised the monitoring results. These summary tables have been presented as appendices to this SAR.

The site plans provided by the consultant identified the sampling locations relevant to the main site features and site boundary. The north arrow appears to be correctly orientated in the sample location plan provided in the report. Available sample location plans have also been presented as appendices to this SAR.

The landfill gas risk assessment has identified a low risk of landfill gas migration from the former Camide Landfill onto the Stage 2 area. The required building protection measures for the Stage 2 development are anticipated to be met through the proposed reinforced concrete foundations with limited services penetrations cast into the slab, and the ongoing monitoring required in accordance with the EMP.

10 Environmental Management Plan

The following sub-sections provide details of the EMP (BSA, 2020) developed for the adjoining former Camide Landfill, located immediately to the west of the Site Audit area. A Site Audit evaluation is provided in **Section 10.11**. A complete copy of the EMP is provided in **Appendix M**.

An initial version of the EMP was prepared by Biogas Systems Australia (BSA) in July 2019 to monitor and manage the risk between the former Camide Landfill and the Stage 1 development area to the north. The EMP was subsequently revised and expanded to include the additional monitoring requirements for the Stage 2 area and incorporate the additional gas monitoring wells installed in the interim period.

The EMP was developed with respect to the landfill gas regime at the former Camide Landfill to ensure protection of the surrounding properties (including Stage 1 and Stage 2 areas). Suitability of the Stage 1 and Stage 2 areas requires that the off-site EMP is implemented to ensure that the landfill gas regime identified at the adjoining former landfill is appropriately monitored and managed, in addition to demonstrating ongoing effectiveness of landfill gas protection measures at the former landfill. The Site Auditor completed a review of the revised EMP, which was subsequently finalised in November 2020.

10.1 EMP Objectives

The consultant stated the EMP was developed to provide a landfill gas management plan that can be enforced to ensure protection of surrounding land users from the former Camide Landfill. To achieve the EMP objectives, the following aspects of landfill gas management will be addressed to ensure ongoing suitability of the neighbouring sites for commercial/industrial land use:

- Monitoring and management of subsurface emissions in the perimeter well network.
- Monitoring and management of surface emissions from the landfill cap and the biofiltration trench.
- Monitoring and management of emissions in service pits and enclosed spaces on the landfill and adjacent to the landfill (where possible).

10.2 Site History and Management

The EMP provided an overview of the former Camide Landfill. The site was utilised as a quarry prior to 1990. Landfilling activities occurred between 1990 and 1994 with an estimated 950,000 m^3 of waste material placed within the former quarry. It was reported that commercial and industrial wastes were primarily received, however, some putrescible wastes are also considered likely to also be present.

A *Landfill Closure Plan* (LCP) (Egis, 1999) was developed in 1999 and included an RAP which provided details of landfill assessment activities and key findings in relation to landfill gas. In addition to the LCP, and EPL #123 is active for the site and is regulated by the NSW EPA. The EPL outlines monitoring requirements for the landfill.

At the time of preparation of the EMP, the consultant notes that an application is with the NSW EPA (Notice No. 1570706) to surrender the EPL on Lots 101 and 102 (Stage 1) of the EPL #123. Proposed Lot 103 will remain under the EPL, of which the landfill is a part.

The landfill has undergone assessment and investigation since the LCP. Remediation options were developed and remediation works implemented to manage landfill gas emissions identified at the site. The capping of the former landfill was upgraded in 2000 in accordance with the LCP. This resulted in an increase in sub-surface gas migration. A passive landfill gas mitigation measure comprising a gas interception biofiltration trench was installed along the western boundary of the landfill in June 2005 as a trial. A landfill gas monitoring well network was established around the former landfill, with quarterly monitoring of selected wells occurring as part of the EPL #123 in place for the site. The landfill gas monitoring network was expanded with the addition of further wells to allow the assessment of lateral landfill gas migration from the former landfill. The biofiltration trench trial was considered to be a success in 2009 (Dever, 2009) and the remaining trench was constructed around the remainder of the landfill between July 2018 and May 2019. Results from post-installation monitoring at perimeter locations outside of the biofiltration trench indicate a reduction of methane concentrations to below the threshold of 1 % v/v. A *Stage 1 Landfill Gas Risk Assessment* (BSA, 2019) and *Landfill Gas Risk Assessment Stage 2* (DBD, 2020) has confirmed the effectiveness of the northern and western portions of the biofiltration trench.

10.3 Landfill Gas Mitigation Measures

Landfill gas mitigation currently in place at the site comprises:

- a landfill cap comprising 1 m clay and 0.5 m landscaping material
- a biofiltration trench installed around the perimeter of the former landfill

10.4 Controls and Monitoring

The consultant presented procedures designed to monitor landfill gas conditions at the site including:

- ongoing landfill gas monitoring
- routine site inspections

10.4.1 Ongoing Landfill Gas Monitoring

Ongoing monitoring at the site will comprise:

- Quarterly monitoring of gas concentrations in all nominated monitoring wells using a calibrated landfill gas monitor (Geotech GA5000 Landfill Gas Analyser or similar). Landfill gas concentrations and gas flow rates will be collected so that an assessment of landfill gas regime and performance of the landfill gas mitigation measures can be made. Groundwater levels will also be gauged and recorded during this monitoring event.
- Quarterly grid-based monitoring of the former landfill surface including biofiltration trench will be undertaken using a calibrated sensitive landfill gas detector (for example RKI Eagle Multi-Gas Monitoring).

- Quarterly monitoring of enclosed structures (namely utility/service pits) will be undertaken using a calibrated sensitive landfill gas detector (for example RKI Eagle Multi-Gas Monitoring).

A summary table providing details of the various threshold/assessment criteria to be adopted for the evaluation of monitoring data is clearly set out within the EMP.

Monitoring protocols are set out in the EMP for each type of data collection (service pits, sub-surface gas and ambient air/surface monitoring) to ensure consistent monitoring approaches are adopted. The EMP outlines that all monitoring data will be collated and reported on a quarterly basis with recommendations provided, as needed. Upon completion 12 months of monitoring, an annual review and report will be prepared to summarise landfill gas conditions and determine future monitoring/management requirements at the site.

The EMP noted that if reportable environmental conditions are detected during any monitoring event, immediate corrective action will be required. Corrective actions are set out within the EMP (and detailed within **Section 10.5**).

10.4.2 Routine Site Inspections

The consultant notes that during surface gas monitoring, inspection of the site surface will be completed to confirm no large cracks or erosion is noted. The biofiltration media within the trench will also be inspected to confirm it is in good condition, at correct moisture levels and has not subsided. A detailed procedure for management and monitoring of the biofiltration trench is set out in the EMP.

A record of the inspection and any details of further assessment will be prepared on a quarterly and annual basis.

10.5 Corrective Actions and Contingency Planning

The consultant presents corrective actions and contingency planning within the EMP. The following events/triggers are discussed within the EMP:

- Methane detected above 500 ppm in ambient air conditions across the landfill surface.
- Methane detected above 1.0 % v/v in service pits.
- Methane detected above a concentration of 1.25 % v/v sub-surface landfill gas monitoring wells.

The consultant also notes that if monitoring wells are reported to be dry, well integrity and weekly investigation of water levels and gas concentrations will be undertaken to assess the risk of off-site migration and effectiveness of the biofiltration trench. If extended dry conditions are recorded, a landfill gas risk assessment should be completed to reassess potential landfill gas risk to surrounding land users.

10.6 Environmental Records

The EMP sets out that results of ongoing performance monitoring including landfill gas monitoring and routine inspections are to be recorded and maintained by the property

owner. Records of non-conformances and environmental incidents with associated corrective actions are also to be maintained.

10.7 Responsibilities

The EMP defined that current responsibility of implementing the EMP lies with the site owner. They must provide sufficient resources, where needed, to comply with the requirements of the EMP. Responsibilities for other parties including Project Manager, Employees and Caretakers of the former landfill, Contractors and Maintenance Workers and an environmental consultant has also been set out within the EMP.

The EMP notes that the current property owner maintains ultimate responsibility for implementation of the EMP. The site owner must ensure that the EMP is provided to any future purchasers of the site, in addition to tenants and contractors.

10.8 Enforcement of EMP

The EMP provides details of the enforceability of the EMP. To ensure legal enforceability of the EMP, details of the EMP and responsible parties is to be included in the sale contract. Specific details of the contract clause are provided in the EMP.

10.9 Currency of the EMP

The consultant notes that the validity of the EMP is based on the site conditions remaining stable as a closed landfill with regular monitoring and maintenance. If conditions on-site change, or conditions on the adjacent properties change, there may be a need to reassess changes to the landfill gas risk assessment. Changes should be included in the annual report. If deemed significant by the environmental consultant, a recommendation to review the risk assessment will be made.

10.10 Review of the EMP

The EMP will be reviewed on an annual basis or following any incident or event which suggests the current EMP is ineffective.

The annual review will include an assessment of the suitability of the perimeter monitoring well network to ensure the EMP objectives are being met. Where necessary, consideration will be given to replace lost/destroyed wells to ensure the adequacy of the perimeter monitoring network meets requirements of the EMP.

In undertaking a revision of the EMP the following will occur:

- The site owner must inform the adjacent site owners of the changes in condition, and
- if required, notify the relevant authorities for environmental and planning changes (including but not limited to the NSW EPA and Council).

10.11 Audit Evaluation of the EMP

The EMP meets the objectives of the Site Audit and is considered an appropriate framework for managing potential risk to the Site Audit area from the adjoining former landfill located to the west of the site.

The EMP sufficiently presents the background of the former landfill site and a detailed description of the landfill gas conditions identified at the site.

The EMP is primarily required in order to facilitate ongoing commercial/industrial use of the site. A program of ongoing landfill gas monitoring and inspections are required at the adjoining former landfill site to confirm landfill gas conditions at the site remain stable and do not have any impact on the Stage 1 and Stage 2 development areas.

In the Site Auditor's opinion, the proposed monitoring and inspection program effectively mitigates risk to site users in relation to potential risk associated with migration of landfill gas onto the Stage 2 area from the adjoining former landfill to the west. Ongoing risk at the Stage 2 development area is minimal, however, this is contingent on the implementation of the EMP. The EMP has appropriately addressed potential risk factors and the inspections, maintenance controls, and monitoring specified in the EMP should effectively continue to ensure the Site Audit area remains suitable for continued commercial/industrial land use.

While the requirements of the EMP are not specifically included in the EPL, ongoing monitoring is a requirement and subject to ongoing regulation by the NSW EPA.

In addition, there exists a contract for sale of the land with specific provision for the Vendor (CSR) to undertake all obligations relating to the contamination of the site. The provision in the contract enable the purchaser to seek specific performance of that agreement regarding the obligations imposed by the EMP.

The EMP will be attached to the Site Audit Statement which is required to be noted on the planning certificate issued by the Council under s 10.7 of the *Environmental and Planning Act 1979* as required by State Environmental Planning Policy no. 55. Purchasers must be provided the planning certificate as an attachment to the contract for the sale of land under s 52A(2) of the *Conveyancing Act 1919* and *Conveyancing (Sale of Land) Regulation 2010*.

The Site Auditor considers that the EMP is sufficient and appropriate in its detail of the requirements for the long-term management of the Stage 2 site with respect to off-site landfill gas risks.

11 Consideration of Regulatory Requirements

As the Site Audit is not a specific requirement of a development consent or approval given under the *Environmental Planning and Assessment Act 1997* it has not been conducted as a Statutory Site Audit as defined by s 47of the *Contaminated Land Management Act 1997*.

The amendment of the EPL to remove the land included in the Site Audit site does not have an impact on the future management of the site from potential land fill gas, however, the continuation of the licence on the lands of the former landfill and regulatory overview of monitoring under those licence conditions is of benefit to the review of risk from landfill gas on the neighbouring lands including the Site Audit site.

12 Evaluation of Site Land Use Suitability

The NSW DEC (2017) *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition)* prescribe that during an assessment of the suitability of a site for an existing or proposed land use in an urban context, Site Auditors must follow the decision-making process for assessing urban redevelopment sites (page 46-47) of the Site Audit Guidelines (NSW EPA, 2017).

For the purposes of this Site Audit the objective is to determine whether the site is suitable for commercial/industrial land use.

The findings of the Site Audit are presented for each requirement of the decision process:

All site assessment, remediation and validation reports follow applicable guidelines.

The documents provided by the consultant meet the requirements of the Site Audit in relation to the *Guidelines for consultants reporting on contaminated sites* (NSW EPA, 2020).

Any aesthetic issues relating to site soils have been adequately addressed.

Aesthetic issues have been considered in the works undertaken at the site with the consultant (ERM, September 2020) confirming the absence of staining, odours, and significant anthropogenic inclusions. Soils have been validated to assess suitability for ongoing commercial/industrial land use. Soil validation has included detailed visual inspection and soil sampling for laboratory analysis for the presence of asbestos (where applicable).

Soils have been assessed against relevant health-based investigation levels and potential for migration of contamination from soils to groundwater has been considered.

Soils were typically assessed against the appropriate and equivalent health-based and ecological investigation levels during assessment and validation works. Validation results have confirmed that soils present on-site meet with the nominated assessment criteria and do not present an unacceptable risk to human health or the environment.

Groundwater was encountered during the initial investigation works of the wider development area with analytical results indicating the presence of several detections of contaminants of concern, likely associated with expected background conditions (several heavy metal concentrations) and historical on-site activities (phosphorus and nitrogen associated with Transpiration Area) within the Stage 3 area to the north of the site. Evidence of gross contamination has not been identified during the extensive cut and fill soil works which included excavation and assessment of fill and soil at the site. Given the reported analytical results for the site across the various programs of work, historical site uses and on-site activities the potential for migration of contamination from soils to groundwater is considered to be low.

Groundwater (where relevant) has been assessed against relevant health-based investigation levels and, if required, any potential impacts to buildings and structures from the presence of contaminants considered.

Assessment of groundwater was completed as part of the Phase 2 assessment. Evidence of gross contamination was not encountered. Some detections of heavy metals were reported. The Site Auditor considers that the reported groundwater detections are not representative of a risk to human health or the environment. The nearest ecological

receptor is located approximately 850 m off-site, and on-site groundwater uses are not reported. Following review of the site setting and historical site activities/uses, it is considered that there was unlikely to be any significant or widespread groundwater contamination on-site and, as such, groundwater has not been subject to additional remedial works or further validation.

Hazardous ground gases (where relevant) have been assessed against relevant health-based investigation levels and screening values.

Assessment of hazardous ground gases (landfill gas and soil vapours) has been undertaken along the western boundary of Stage 2 and on the adjoining former Camide Landfill site located beyond the Site Audit boundary to the west. Landfill gas has been identified within sub-surface of the former Camide Landfill site. Gas mitigation measures comprising a biofiltration trench have been installed at the perimeter of the waste cell. Collection of a range of site-specific landfill gas data has allowed development of a reasonably robust CSM by consultant DBD (DBD, 2020). This site-specific monitoring data and landfill gas risk assessment has been utilised to evaluate potential risk to the Stage 2 area from the migration of landfill gas from the adjoining former landfill. The landfill gas risk assessment has identified a low risk of landfill gas migration from the former Camide Landfill onto the Stage 2 area and the required building protection measures for the Stage 2 development are anticipated to be met through the proposed reinforced concrete foundations with limited services penetrations cast into the slab. In addition, a program of ongoing landfill gas monitoring and site-specific management requirements with respect to landfill gas risk has been set out in an EMP for the former landfill area. The EMP has been reviewed by the Site Auditor and is considered robust and appropriate for implementation at the site.

Any issues relating to local area background soil concentrations that exceed relevant investigation levels have been adequately addressed in the site assessments report(s).

No local background soil concentrations above the appropriate criteria were identified as an issue.

The impacts of chemical mixtures have been assessed.

No issues relating to chemical mixtures in relation to the identified contaminants of concern are expected.

Any potential ecological risk has been assessed.

While ecological-base criteria were not adopted during early investigation of the site, soils were assessed against the appropriate and equivalent ecological investigation levels during subsequent material assessment and validation works. Investigation results did not exceed the adopted ecological investigation levels confirming that soils at the site do not present an unacceptable risk to ecological health.

Any evidence of, or potential for, migration of contaminants from the site has been appropriately addressed, including potential risks to off-site receptors, and reported to the site owner or occupier.

There is not considered to be any evidence of, or potential for, off-site migration of contaminants identified at the site.

The site management strategy (where relevant) is appropriate including post-remediation environmental plans.

It is considered that all known soil and groundwater contamination has been addressed with the completed assessment and validation works at the site, and further on-site management will not be required.

Landfill gas has been identified at the adjacent former landfill site to the west of the Site Audit area. A low risk of landfill gas migrating from an adjoining property onto the Site Audit area has been identified. An EMP has been prepared for the former landfill site to address ongoing monitoring/management requirements with respect to landfill gas risk posed to off-site properties including the Stage 2 area. The EMP has been reviewed by the Site Auditor and is considered robust and appropriate for implementation at the site.

The decision-making process prescribed in the NSW EPA (2017) *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition)* (NSW EPA, 2017) has been followed by the Auditor and the site is considered suitable for the proposed commercial/industrial land use, with the implementation of the EMP for the for the adjoining former landfill site to the west of the Site Audit area.

13 Conclusions

The investigation works, remediation and validation work reported and reviewed are considered to have met the requirements of NSW DEC (2017) *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition)* and other guidelines endorsed under s.105 of the *Contaminated Land Management Act 1997* and the objectives of the Site Audit.

The Site Auditor is satisfied that the soil, groundwater and landfill gas assessment and validation works have been appropriately undertaken. It is considered that that soils at the site are suitable for the proposed land use. Potential presence of landfill gas has been identified to the west of the Site Audit area and an EMP for the off-site area has been developed. This EMP has been reviewed with respect to the objectives of the Site Audit and is found to be acceptable in meeting the Audit objectives.

The NSW EPA (2017) *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition)* prescribe that during an assessment of the suitability of a site for an existing or proposed land use in an urban context, Site Auditors should follow the decision-making process for assessing urban redevelopment sites provided in the guidelines.

The decision-making process prescribed in the NSW EPA (2017) *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition)* (NSW EPA, 2017) has been followed by the Auditor and the site is considered suitable for the proposed commercial/industrial land use, however the landfill gas risk assessment conducted has identified a low risk of landfill gas migration from the former Camide landfill located immediately to the west of the Site Audit area.

In the Site Auditor's opinion, the proposed monitoring and inspection program contained in the EMP effectively mitigates risk to site users in relation to potential risk associated with migration of landfill gas onto the Stage 2 area from the adjoining former landfill to the west. Ongoing risk at the Stage 2 development area is minimal, however, this is contingent on the implementation of the EMP. The EMP has appropriately addressed potential risk factors and the inspections, maintenance controls, and monitoring specified in the EMP should effectively continue to ensure the Site Audit area remains suitable for continued commercial/industrial land use.

While the requirements of the EMP are not specifically included in the EPL that applies to the landfill site, ongoing monitoring is a requirement and subject to ongoing regulation by the NSW EPA. In addition, there exists a contract for sale of the land with specific provision for the Vendor (CSR) to undertake all obligations relating to the contamination of the site. The provision in the contract will operate as a Deed following completion of the sale and will enable the purchaser to seek specific performance of that agreement regarding the obligations imposed by the EMP. The Site Auditor is therefore satisfied that there the EMP can be reasonably enforced.

The EMP will be attached to the Site Audit Statement which is required to be noted on the planning certificate issued by the Council under s 10.7 of the *Environmental and Planning Act 1979* as required by State Environmental Planning Policy no. 55. Purchasers must be provided the planning certificate as an attachment to the contract for the sale of land under s 52A(2) of the *Conveyancing Act 1919* and *Conveyancing (Sale of Land) Regulation 2010*.

In conclusion, a Site Audit Statement will be issued certifying that, in the opinion of the Site Auditor that the site is suitable for commercial and industrial use subject to the implementation of the EMP.

14 Limitations

This report has been prepared for use by the client who has commissioned the works in accordance with the project brief only and has been based in part on information obtained from the client and other parties. Enviroview Pty Ltd or the Site Auditor accepts no liability for use or interpretation by any person or body other than the client who commissioned the works. This report should not be reproduced without prior approval by the client or amended in any way without prior approval by the Site Auditor and should not be relied upon by other parties who should make their own enquires other than regulatory and planning authorities as required under the *Contaminated Land Management Act 1997* and *State Environmental Planning Policy 55*.

The data used to support the conclusions reached in this report have been obtained by other consultants and have been audited with a reasonable level of scrutiny, care, and diligence. Every reasonable effort has been made to identify and obtain all relevant data, reports and other information that provide evidence about the condition of the site, and those that were held by the client and the client's consultants, or that were readily available. No liability can be accepted for unreported omissions, alterations or errors in the data collected and presented by other consultants. Accordingly, the data and information presented by others are taken and interpreted in good faith.

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

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

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

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

15 References

ANZECC/ARMCANZ. (2000). *Australian and New Zealand Guidelines for Fresh and Marine Water Quality.* Australian and New Zealand Environmental Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand.

ANZG. (2018). *Australian and New Zealand Guidelines for Fresh and Marine Water Quality.*

British Standard. (2015). *British Standard BS8485:2015 Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings.*

BSA. (2020). *LFG Management Plan, Environmental Management Plan for Landfill Gas, Horsley Park Landfill. Reference: 0103_RPT0076.D, dated 13 November 2020.*

CIRIA. (2007). *Assessing risks posed by hazardous ground gases to buildings.*

DBD. (2020). *Landfill Gas Risk Assessment Stage 2, Horsley Park. Reference 0093_DBD_RPT0002A, dated 1 December 2020.*

Dever. (2009). *Passive Drainage and Biofiltration of Landfill Gas: Behaviour and Performance in a Temperate Climate. A thesis submitted in fulfilment of the requirements for a degree of Doctor of Philosopy. School of Civil and Environmental Engineering UNSW Sydney.*

DLA. (February 2018). *Stage 1 and Stage 2 February 2018 Site Status – 327-335 Burley Road, Horsley Park, NSW 2175. Report No. DL3109_S008131, dated 22 February 2018.*

DLA. (June 2013). *Phase 1 Preliminary Environmental Site Assessment, Lot 1 in DP 106143 CSR Building Products 327-335 Burley Road, Horsley Park. Reference DLH1121_H0000033, dated June 2013. .*

DLA. (June 2018). *Bund Wall Assessment Report, 327 – 335 Burley Road, Horsley Park, NSW, 2175. Reference 0449086_S008491, dated June 2018.*

DLA. (March 2018). *Bund Wall Remediation Strategy, 327-335 Burley Road, Horsley Park, NSW 2175. Report No. 0449086_S008289, Version 2.0, dated 27 March 2018.*

DLA. (March 2018). *Material Assessment and Import Procedure, 327 – 335 Burley Road, Horsley Park, NSW 2175. Reference 0449086_S008246 Version 1, dated 19 March 2018.*

DLA. (September 2013). *Phase 2 Detailed Environmental Site Assessment, Lot 1 in DP 106143 CSR Building Products 327-335 Burley Road, Horsley Park. Reference DLH1121_H0068, dated September 2013. .*

Egis. (1999). *Landfill Closure Plan for Camide Landfill, Horsley Park.*

EnHealth. (2012). *Environmental Health Risk Assessment: Guidelines for assessing human health risks from environmental hazards.* Department of Health and Ageing and EnHealth Council Commonwealth of Australia.

ERM. (December 2018). *Addendum to Remediation Action Plan: Bund Wall Remediation Strategy, 327 – 335 Burley Road, Horsley Park, NSW 2175. Reference 0449086_S009295, dated 7 December 2018. .*

ERM. (December 2019). *Remediation Action Plan, 327-335 Burley Road, Horsley Park NSW 2175. Reference S010173, dated 20 December 2019. .*

ERM. (September 2020). *Validation Report, Stage 2A, 6 Johnston Crescent, Horsley Park NSW 2175. Reference 0449086_S010649, dated 4 September 2020. .*

Friebel, E., & Nadebaum, P. (2011). *Health Screening Levels for Petroluem Hydrocarbons in Soil and Groundwater* (Technical Report No. 10 ed.). CRC for Contamination Assessment and Remediation of the Environment.

NEHF. (1996). *Composite Sampling.* Adelaide, SA: National Environmental Health Forum South Australian Health Commission.

NEPC. (1999). *National Environment Protection (Assessment of Site Contamination) Measure.* National Environment Protection Council.

NEPC. (1999, Amended 2013). *National Environment Protection (Assessment of Site Contamination) Measure.* National Environment Protection Council.

NHRMC/NRMMC. (2004). *Australian Drinking Water Guidelines.* National Health and Medical Research Council and Natural Resource Management Ministerial Council.

NHRMC/NRMMC. (2011). *Australian Drinking Water Guidelines.* National Helath and Medical Research Council and Natural Resource Management Ministerial Council.

NSW Agr. (1996). *Guidelines for the Assessment and Clean Up of Cattle Tick Dip Sites for Residential Purposes.* NSW Agriculture and CMPS&F Environmental.

NSW DEC. (2005). *Contaminated Sites: Guidelines for Assessing Former Orchards and Market Gardens.*

NSW DEC. (2007). *Contaminated Sites: Guidelines for the Assessment and Management of Groundwater Contamination.*

NSW DECCW. (2009). *Guidelines for Implementing the Protection of the Environment Operations (Underground Petroleum Storage Systems) Regulation.*

NSW DECCW. (2010). *Handbook for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system .*

NSW EPA. (1994). *Service Station Guidelines.*

NSW EPA. (1995). *Contaminated Sites: Guidelines for the vertical mixing of soil on former broad-acre agricultural land.*

NSW EPA. (1995). *Contaminated Sites: Sampling Design Guidelines.*

NSW EPA. (1997). *Contaminated Sites: Guidelines for Assessing Banana Plantation Sites.*

NSW EPA. (2014a). *Technical Note: Investigation of Service Station Sites.*

NSW EPA. (2014b). *Waste Classification Guidelines - Parts 1-4 (Classifying Waste, Immobilisation of Waste, Waste Containing Radioactive Material, and Acid Sulfate Soils).*

NSW EPA. (2015). *Contaminated Sites: Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act 1997.*

NSW EPA. (2017). *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition)* (2nd ed.).

NSW EPA. (2019). *Contaminated Land Guidelines: Assessment and Management of Hazardous Ground Gases.*

NSW EPA. (2020). *Contaminated Land Guideline: Consultants Reporting on Contaminated Land.*

Victoria EPA. (February 2018). *Landfill gas fugitive emissions monitoring guideline, Publication 1684. .*

Appendix A:
Audit Interim Advice

31st May 2018

Ref: 0301-1807-IA 01

Wayne Pasalich
CSR Building Products Ltd
C/- Claire Kollaras
Calibre Consulting
PO Box 8300
BAULKHAM HILLS BC
NSW, 2153

Via email: Claire.Kollaras@calibreconsulting.co

Dear Wayne

RE: Interim Site Audit Advice 01 – Bund Wall Remediation Strategy, 327-335 Burley Road, Horsley Park, NSW 2175.

James Davis of Enviroview Pty Ltd has been engaged to provide the services of a NSW EPA Contaminated Land Accredited Site Auditor, to conduct a Site Audit in relation to the site identified as 327 – 335 Burley Road, Horsley Park NSW 2175 (the 'Site'), in accordance with the *Contaminated Land Management Act 1997* and relevant guidelines made or approved under s105 of that Act.

The objective of the Site Audit is to provide a Site Audit Report and Site Audit Statement to certify, in the Auditor's opinion, in relation to contaminated land, that the site is suitable for ongoing commercial/industrial land use, in relation to the guidelines made or approved by the NSW EPA.

A Site Audit Interim Advice is provided at a particular stage of the Audit to assist in the management of contamination issues with regard to the requirements of the Site Audit. An Interim Advice does not constitute a Site Audit Statement or a Site Audit Report and should not be considered pre-emptive of the final audit conclusions. A Site Audit Report and Site Audit Statement will be prepared at the conclusion of the Site Audit following the remediation of the Site.

The purpose of this Interim Advice is to provide comments by the Site Auditor regarding the following documents:

- DLA Environmental Services Pty Ltd (DLA) (February 2018) *Stage 1 and Stage 2 February 2018 Site Status – 327-335 Burley Road, Horsley Park, NSW 2175*. Report No. DL3109_S008131, dated 22 February 2018.
- DLA (March 2018) *Bund Wall Remediation Strategy, 327-335 Burley Road, Horsley Park, NSW 2175*. Report No. 0449086_S008289, Version 2.0, dated 27 March 2018.

Review Comments – Stage 1 and Stage 2 February 2018 Site Status

1. General Comment. For the purposes of this Site Audit Interim Advice, the Auditor has reviewed the Site Status report (DLA, February 2018) with respect to data presented for the "Bund wall – south boundary" to provide context for review of the *Bund Wall Remediation Strategy* (DLA, March 2018). When reviewing the analytical data summary tables with information presented in Figure 2 of the *Bund Wall Remediation Strategy* (DLA, March 2018)

some irregularities were apparent in the information as presented which require some clarification.

The consultant should review the data tables and ensure that all detections and exceedances of asbestos impacts are reported and highlighted accurately with respect to exceeding the adopted criteria. For completeness, a summary table presenting field observations of ACM should be prepared. This will assist in understanding site conditions in full.

Several locations, as reported in the summary tables in DLA (February 2018), did not report detections of asbestos. However, these locations are included within the "red zone" in Figure 2 of DLA (March 2018) which is defined as "AF/FA Detected and > Criteria". Examples of this include locations TP42 and TP43. Clarification required.

Locations TP44, TP45, TP64, TP65 and TP66, for example, are noted as non-detect for asbestos in the summary tables (DLA, February 2018) however are included in the "yellow zone" defined as "Bonded ACM Identified" on in Figure 2 of DLA (March 2018). In this case it may be beneficial to present field observations in a summary table for completeness.

Several other locations are reported as non-detect for asbestos in the analytical summary table but are classified within "yellow zone" and "orange zone" on Figure 2 of DLA (March 2018). The consultant should complete a review and confirm all remedial zone designations are correct and consistent.

The Auditor has not been provided the Stage 2 Investigation report it is possible that some of these apparent inconsistencies will be resolved with the review of that report.

Review Comments – Bund Wall Remediation Strategy

2. Section 1.2 Objectives. The consultant notes that Section 4 of the RAP outlined a remediation strategy for asbestos impacted materials. Review of the RAP in relation to asbestos impacts and remedial strategy for the site indicates limited specific information is included in relation to the management/remediation/validation of asbestos impacts. It may be appropriate that the strategy recognise this and is positioned as an addendum to the RAP.
3. Section 1.1 Background. Paragraph 2 – include a reference to investigation works (author and year of issue). The Auditor will need to review aspects of the investigation report for consistency of information presented in the remediation strategy document.
4. Section 2.1 Property Identification.
    a. Include both the overall site size and the area of interest which is the subject of this report.
    b. Include reference to relevant Local Environment Plan where site zoning details have been obtained.
5. Section 2 Property Description. For context, include a brief description of the property, its current land use, proposed land use and the location of the bund within the site.
6. General comment. Provide a brief site history if known.
7. Section 2.3 Bund Wall Investigation. Provide reference to investigation report. Who conducted the work and when? The report text states 37 test pits were advanced however only 36 locations are shown on Figure 2.
8. Section 3 Statutory Requirements.

a. This section should also include review and commentary on requirements to be met under the current Development Application and State Environmental Planning Policy (SEPP) 55 – Remediation of Land.

b. What Category of remediation will the works fall under? Does this work require any additional planning approvals?

c. Provide details of any notifications which may be required prior to commencement of the proposed works.

d. Include details of any particular licence requirements for those undertaking the works, including but not limited to those involved in the remediation, validation and supervision of works. Alternatively provide a cross reference to where this information is contained elsewhere within the report.

9. General Comment. It is noted from brief review of the Phase 1[1] (DLA, June 2013) report prepared for this site, that the site is, or is close to, critical habitats. This information is included on the Section 149 presented as an appendix to the Phase 1 report and is also noted in the report text. Clarification is required as to how this impacts upon the proposed works and considerations for remediation under SEPP 55.

10. General Comment. Set out Data Quality Objects using the seven-step process.

11. Section 4 Southern Bund Wall Remediation Strategy. It would be beneficial to provide a broader over-arching introduction to the proposed remedial strategy. For example, is an excavate, segregate, dispose/reuse approach proposed? Specific details are included on the proposed approach. It is suggested to reduce some detail here and include as required in the relevant sub-sections of the remedial approach methodology.

12. Section 4.1 Site Establishment.

    a. How will areas of impact be identified? Have they been marked on-site previously during investigation? Are survey points available?

    b. Are the areas of asbestos impact located together? Will a single exclusion zone be formed or multiple zones? Will a single Asbestos Treatment Area (ATA) be established for the whole site or will one ATA per exclusion area be formed if several exclusion areas are to be established?

    c. The second paragraph suggests that sediment controls are recommended. The wording of this should be adjusted to make this an obligatory requirement, rather than a recommended action.

    d. Cross reference to Section 5.2.1 and Section 6.4 are incorrect, these numbered sections do not exist. Update accordingly.

13. Section 4.2 Segregation. It is noted in Step 3 that the "Green" material will be excavated and if no ACM is identified it will be placed on-site as fill with no remediation undertaken. How will this material be inspected for ACM? What protocol will be adopted (e.g will it be inspected as it is excavated, or will it be temporarily stockpiled or spread out?). Has this material been adequately assessed during investigation stage to determine that it is suitable for use as fill on-site? What frequency of sampling has been undertaken to date to confirm that there is no risk of AF/FA present in this material prior to reuse? Given the unknown

[1] DLA (2013) *Phase 1 Preliminary Environmental Site Assessment. Lot 1 in DP106143, CSR Building Products, 327-335 Burley Road, Horsley Park*, Reference: DLH1121_H0000033, dated June 2013.

history of bund and its heterogeneous nature (i.e. widespread impact rather than concentrated in a single area), this risk should be addressed in full.

14. Section 4.3 Remediation.
    a. At what stage will samples be collected for AF/FA analysis? This is not clear in the bullet point stages set out in this sub-section. It is assumed that this step will be completed prior to placement at depth for material passing visual inspection?
    b. Outline what is meant by placement 'at depth'.
    c. Cross reference to Section 5.4 should be updated as this section heading does not exist.
15. Section 4.4 Assessment Procedure.
    a. With consideration that AF/FA has been identified the reduced sampling frequency AF/FA when not initially identified in the bund material is not supported. The frequency of sampling should me the guidelines requirements in this regard.
    b. Bullet points – for clarity, it would be beneficial to cross reference these with the colour designation adopted under Section 4.2 (if applicable).
    c. How will stockpile volumes be determined?
    d. How will soil sample locations be recorded for future reference during the characterisation and validation activities?
    e. The proposed approach for the delineation of AF/FA impact by splitting stockpiles in quadrants and collecting one additional sample is not supported for a relatively homogenous material. Stockpiles may be separated by some visual indicator that there are differences in the material and that may justify this approach but not arbitrary splitting of stockpiles to 'play the probabilities'.
    f. Clarification required on the collection of wall and base samples? Does the consultant mean wall samples where the quadrant of material adjoined the remainder of the stockpile, with the base sample collected from the former footprint? Clarification required.
    g. To further enhance the validation sampling protocol which currently states one sample per wall (assuming two walls) and base, it would be beneficial to also provide an indicative frequency of validation sampling per m^2 as an alternative guide.
    h. Include cross-reference within the report to where information is provided on sampling and analysis for waste classification of the material.
    i. Will the stockpiled material undergo analysis for other contaminants of potential concern? Clarification required. Provide full justification if no further analysis is proposed prior to reusing the material on-site. How will suitability of the material from a contamination perspective for use on site be demonstrated? Is adequate historical information available?
16. General Comment. There is no discussion on the validation of the bund footprint following completion of the work. Provide details including visual inspection protocol, frequency of sampling and proposed suite of laboratory analysis.
17. Section 4.5 Sampling. Outline what quality controls, if any, will be put in place.
18. Section 4.5.5 Sample Transport. Provide the name of the project laboratory if known.

19. Section 4.6 Re-use of material. Provide specific details of conditions for placement at depth. What depth(s) must the material be placed at? Are there any areas on site where the material should be preferentially placed based on landuse? Is a marker layer require? Provide cross-reference to sub-section within the report where land use criteria are provided.
20. Section 4.7 Disposal of Non-Compliant Material. Provide proposed sampling frequencies and suite of analysis for waste classification.
21. Section 4.8 Reporting.
    a. Clarify if an asbestos clearance will be provided for the bund as a whole or for the various stockpiles (and their respective footprints) generated during the works? Will clearance certificates also be provided for the asbestos treatment areas?
    b. What is meant by a Compliance Certificate Report? Is this similar to a Validation Report? Future reporting on the works should consider the reporting requirements of *Guidelines for Consultants Reporting on Contaminated Sites* (NSW OEH, 2011).
    c. The NSW DEC (2017) *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme (3rd edition)* prescribe that during an assessment of the suitability of a site for an existing or proposed land use, Site Auditors must follow the decision-making process for assessing urban redevelopment sites (page 46-47) of the Site Audit Guidelines (NSW, 2017). The consultant should consider this checklist when reporting on the proposed works to be completed and ensure relevant items on the checklist are clearly addressed. This will assist in the audit process.
22. Section 5.1.1 Visual Asbestos Clearance Inspection. Clarify the qualifications/licence requirements for the person completing clearance inspections.
23. Section 6.0 Site Criteria. Include footnote for Table 4a explaining "*" in second row of the table.
24. Section 7.1 Exclusion Zone. Update cross reference to sub-section 3.2.2 as it is incorrect.
25. Section 7.3 Placing of Soils. Clarify what is meant by "at depth". It is noted that Section 4.9 includes placement of material as fill at depths greater than 3 metres below ground level. Confirm if this is correct and update accordingly throughout the report for clarity.
26. Section 8.1 Essential Responsibilities Requirements.
    a. The section heading should be rephrased as it currently is unclear/poorly worded.
    b. This section contains a list of information but does not relate it clearly to the relevant aspects of the proposed works. It currently provides limited benefit to the document. Perhaps the section can be restructured such that the various phases of work are outlined and the relevant key requirements for each phase is identified.
27. Section 8.2 On-site Responsibilities. Confirm the responsibilities of the licenced asbestos removalist.
28. General Comment. Include a references section.
29. Figures.
    a. Include a site boundary on both plans.
    b. Key features have not been identified on Figure 2.

c. Are there any areas where both ACM and AF/FA have been identified. How are these presented on the plan?

d. Include a site plan illustrating proposed material handling areas and exclusion zones.

e. Refer to comments provided under the Site Status report (DLA, February 2018).

I look forward to seeing the outstanding points addressed. If you require additional information or clarification, please do not hesitate to contact me. Thank you for your time in regard to this matter.

Yours sincerely

James Davis
NSW EPA Contaminated Land Site Auditor
Enviroview Pty Ltd

12 June 2020

Ref: 0301-1807 IA 02

Wayne Pasalich
CSR Building Products Ltd
C/- Claire Kollaras
Calibre Consulting
PO Box 8300
BAULKHAM HILLS BC
NSW, 2153

Via email only: Claire.Kollaras@calibregroup.com

Dear Wayne

RE: Interim Site Audit Advice 02 – Landfill Gas Risk Assessment Sampling and Analysis Quality Plan, Horsley Park Stage 2A & 2B Development.

James Davis of Enviroview Pty Ltd has been engaged to provide the services of a NSW EPA Contaminated Land Accredited Site Auditor, to conduct a Site Audit in relation to the site identified as Stage 2 of 327 – 335 Burley Road, Horsley Park NSW 2175 (the 'Site'), in accordance with the *Contaminated Land Management Act 1997* and relevant guidelines made or approved under s105 of that Act.

The objective of the Site Audit is to provide a Site Audit Report and Site Audit Statement to certify, in the Auditor's opinion, in relation to contaminated land, that the site is suitable for ongoing commercial/industrial land use, in relation to the guidelines made or approved by the NSW EPA.

A Site Audit Interim Advice is provided at a particular stage of the Audit to assist in the management of contamination issues with regard to the requirements of the Site Audit. An Interim Advice does not constitute a Site Audit Statement or a Site Audit Report and should not be considered pre-emptive of the final audit conclusions. A Site Audit Report and Site Audit Statement will be prepared at the conclusion of the Site Audit following the remediation of the Site.

The purpose of this Interim Advice is to provide comments by the Site Auditor regarding the following documents:

> DBD Environmental (May 2020) *Sampling Analysis Quality Plan Horsley Park Stage 2A & 2B Development* Document reference: 0093_CSR_RPT0001A Dated 18 May 2020 (the SAQP)

There are a number of comments that follow, however due to the SAQP being primarily a planning document for works to be conducted it is not required that the SAQP be revised but rather that these comments are incorporated as appropriate in the works and the report of the works.

Review Comments

1. Background. For first paragraph of the background section is unclear to the development works being proposed by CSR and the purpose and requirement for the risk assessment. While it is appreciated that this is an SAQP and therefore this may not be so critical it is likely that this same wording will be incorporated into the risk assessment report so it should be clear, correct, and consistent. While no change is required to the plan please ensure that the report has an improved background discussion.
2. Preliminary Conceptual Site Model. While it is appreciated that the identified future receptors are the ultimate receptors, it should be noted that the hazard to those receptors is primarily through the accumulation of ground gases in enclosed spaces and as the assessment of this occurring will be the primary risk outcome derived from the assessment it should be specifically identified.
3. Proposed Well Locations. With consideration to the issues with GM 20 it is requested that an additional well is located between GM33 and GM 34.

I look forward to seeing the assessment report with these points addressed. If you require additional information or clarification, please do not hesitate to contact me. Thank you for your time in regard to this matter.

Yours sincerely

James Davis
NSW EPA Contaminated Land Site Auditor
Enviroview Pty Ltd

10th August 2020

Ref: 0301-1807-IA 03

Wayne Pasalich
CSR Building Products Ltd
C/- Claire Kollaras
Calibre Consulting
PO Box 8300
BAULKHAM HILLS BC
NSW, 2153

Via email: Claire.Kollaras@calibreconsulting.co

Dear Wayne

RE: Interim Site Audit Advice 03 – Review of Validation Report, Stage 2A, 327-335 Burley Road, Horsley Park, NSW 2175.

James Davis of Enviroview Pty Ltd has been engaged to provide the services of a NSW EPA Contaminated Land Accredited Site Auditor, to conduct a Site Audit in relation to the site identified as 327 – 335 Burley Road, Horsley Park NSW 2175 (the 'Site'), in accordance with the *Contaminated Land Management Act 1997* and relevant guidelines made or approved under s105 of that Act.

The objective of the Site Audit is to provide a Site Audit Report and Site Audit Statement to certify, in the Auditor's opinion, in relation to contaminated land, that the site is suitable for ongoing commercial/industrial land use, in relation to the guidelines made or approved by the NSW EPA.

A Site Audit Interim Advice is provided at a particular stage of the Audit to assist in the management of contamination issues with regard to the requirements of the Site Audit. An Interim Advice does not constitute a Site Audit Statement or a Site Audit Report and should not be considered pre-emptive of the final audit conclusions. A Site Audit Report and Site Audit Statement will be prepared at the conclusion of the Site Audit following the remediation of the Site.

The purpose of this Interim Advice is to provide comments by the Site Auditor regarding the following document:

> ERM. *Validation Report, Stage 2A, 327-335 Burley Road, Horsley Park, NSW, 2175.* Report No. 0449086_S010594, dated 20 July 2020.

Review Comments

1. Section 2.1 Site Identification. Please review and revise the site identification details for the subject site.
2. Section 2.3 Boundaries and Surrounding Land Use. It is noted the surrounding land use information is repeated in Section 2.4.1.
3. Section 2.5 Site History Summary. It would be helpful to include a summary of the site history prior to the commencement of redevelopment works.

4. Section 5.1 Site Description Prior to Remediation.
    a. It is assumed the *quarry basin/quarry area* referenced is the same as Dam 5 depicted on the figures. Please clarify.
5. Section 5.3 Required Remediation.
    a. Please clarify the process and methodology employed to identify, segregate and excavate contaminated material within the bund. What excavation methodology was utilised? Was the material inspected by a Class A licensed asbestos contractor and ERM during the excavation works?
    b. Was the excavation of the bund benched at 5 metres along its entirety, or was the test pitting assessment conducted in a progressive manner? Further information is required regarding the additional assessment works of the bund material greater than 5 metres depth, including the adopted methodology, number of test pits and location, observations made, analytical schedule, sampling density achieved and findings.
6. Section 5.3.2 Required Material Assessment. A summary of the assessment and validation of materials used to backfill the site should be provided, elaborating on the information provided in Table 5. Discussion should include the extent of the backfill assessment works conducted, methodology utilised, appropriateness of the sampling densities and analytical results for each of the source areas.
7. Section 7.1.2 Soil.
    a. It would be helpful to separate the discussion of soil sampling in to the various sampling events conducted – i.e. remedial works, additional bund characterisation works, validation sampling, ATA and bund footprint validation sampling and validation of backfill material (imported and from other areas of the development), etc.
    b. Additional information is required regarding the assessment of the bund at depths greater than 5 metres. Please include discussion of the methodology employed, number of test pit locations, analysis conducted, sampling density achieved, findings of the additional assessment, and include a sample plan depicting the location of additional bund characterisation samples.
8. Section 7.2.2 Silt from Stage 1 Basins. With regard to the significant volume discrepancy, was a survey of the material conducted to confirm the revised volume?
9. Table 5.
    a. The sampling density of *Silt from the Stage 1 Basin* (16 samples/21,000m^3), *Grade A Stockpile* (76 samples/90,000m^2) and *Stage 1 Stockpiles used in Stage 2A Quarry Area Filling (L6)* (30 samples/105,540m^3) is in some cases significantly lower than that described by the text and proposed by the RAP. A summary of the assessment and validation of materials used to backfill the site should be provided, elaborating on the information provided in Table 5. Discussion should include the extent of the backfill assessment works conducted, methodology utilised, appropriateness of the sampling densities and analytical results for each of the source areas.
10. Section 7.2.3 Imported Material. Please provide the VENM classification reports for the material imported to the site.

11. Section 10.1 Site Observations.
    a. It would be beneficial to present the information regarding the sequence of events, material volumes and works conducted in an appropriate section of the report, allowing this section to focus on observations made during the works.
    b. The information regarding excavation volumes and validation sampling provided in this section does not appear to correlate with the information provided in Table 5. Please review the volumes provided throughout the report to ensure consistency in the information presented.

       It would be helpful to include, in an appropriate section of the report, a tabulated reconciliation of volumes, including soil excavated and remaining on the site, materials imported from other stages of the development area, VENM importation, backfill volumes and wastes disposed offsite.
    c. Please clarify the term "*Level 1 supervision*".
    d. Was the material inspected by a Class A licensed asbestos contractor in accordance with the RAP?
    e. Please include observations made during the additional test pitting works conducted within the bund to assess the lower portion of fill material.
    f. 7th paragraph – please clarify the statement "*The new bund was established in the southern portion of the site prior to the excavation of the existing bund*".
12. Section 10.2.1 Chemical Results.
    a. Please provide a figure depicting the location of test pits advanced within the bund as part of the additional bund assessment works.
    b. Please clarify what is classified as "*non-bund wall fill material*"
13. Section 10.2.2.1 Stockpile Remediation Results.
    a. It is unclear why the discussion of test pitting results within the bund is presented under the *Stockpile Remediation Results* heading. Please clarify and amend.
    b. Reference is made to the collection of *additional* asbestos soil samples. What were these samples in addition to? The sampling strategy for the bund assessment works requires clarification. Refer to Comment #7b.
    c. Was ACM visually identified within the additional bund assessment works?
14. Section 10.2.2.2 Stockpile Footprint Results. Please clarify the difference between the stockpile footprint sampling (308 samples) and the bulk scraping and validation conducted across the Stage 1 and 2 areas. It is understood that the bulks craping was utilised for footprint validation in some instances. Clarification around the methodology is required.
15. General Comment. The consultant states that remediated material was placed at depths greater than 2.0 metres below the final surface level. How was this confirmed? Is survey data available to confirm the placement of this material at depths greater than 2 metres?
16. Section 10.3 UFEBP10 and UFH4 Validation. Unexpected Find UFEB10 is discussed throughout the report, however the figures indicate this area is outside of the Stage 2A boundary which is the subject of the report. Please clarify and confirm.

17. Section 10.4 Bund Wall and ATA Footprint Validation.
    a. Please provide the sample nomenclature details for the 486 asbestos soil samples.
    b. It is assumed the units utilised in Table 8 for *Approximate Area* should read hectares. Please amend.
18. Section 10.6.1 Pre Classified Waste. Appendix D includes the tax invoices for significant volumes of waste disposed that is not discussed in the report. Please clarify and provide discussion as necessary.
19. Figures. A test pit location plan for the additional assessment of the bund is required.
20. Figure 2. Include an outline of the subject site are on the site layout figure.
21. Figure 3. The site survey figures provide varied outlines for the site (Area 2A). Please clarify.
22. Tables.
    a. Please ensure the tables are appropriately numbered and labelled.
    b. Please amend the formatting of the stockpile asbestos sampling results table and field duplicate results table to enable review.
    c. The presentation of analytical results should be separated in to the various areas/sources from where they were collected (i.e. as presented in Table 5). Currently there are many samples listed with unknown origin (i.e. "BS" series, "MS" series, "Silt" series) and samples with repeated nomenclatures (i.e. "Dam5" series).
23. Appendix C. Please review and ensure all laboratory reports are provided for the on site material assessed as well as material imported on to the site as backfill. Laboratory reports from the asbestos stockpile sampling and footprint validation have not been provided and the Auditor is unable to verify the results. Please include all laboratory documentation.

I look forward to seeing these points addressed. If you require additional information or clarification, please do not hesitate to contact me. Thank you for your time in regard to this matter.

Yours sincerely

James Davis
NSW EPA Contaminated Land Site Auditor
Enviroview Pty Ltd

Ref: 0301-1807-IA 04

5th November 2020

Wayne Pasalich
CSR Building Products Ltd
C/- Claire Kollaras
Calibre Consulting
PO Box 8300
BAULKHAM HILLS BC
NSW, 2153

Via email: Claire.Kollaras@calibreconsulting.co

Dear Wayne

RE: Interim Site Audit Advice 04 – Review of Landfill Gas Risk Assessment and Environmental Management Plan, Stage 2, 327-335 Burley Road, Horsley Park, NSW 2175.

James Davis of Enviroview Pty Ltd has been engaged to provide the services of a NSW EPA Contaminated Land Accredited Site Auditor, to conduct a Site Audit in relation to the site identified as 327 – 335 Burley Road, Horsley Park NSW 2175 (the 'Site'), in accordance with the *Contaminated Land Management Act 1997* and relevant guidelines made or approved under s105 of that Act.

The objective of the Site Audit is to provide a Site Audit Report and Site Audit Statement to certify, in the Auditor's opinion, in relation to contaminated land, that the site is suitable for ongoing commercial/industrial land use, in relation to the guidelines made or approved by the NSW EPA.

A Site Audit Interim Advice is provided at a particular stage of the Audit to assist in the management of contamination issues with regard to the requirements of the Site Audit. An Interim Advice does not constitute a Site Audit Statement or a Site Audit Report and should not be considered pre-emptive of the final audit conclusions. A Site Audit Report and Site Audit Statement will be prepared at the conclusion of the Site Audit following the remediation of the Site.

The purpose of this Interim Advice is to provide comments by the Site Auditor regarding the following documents:

> DBD Environmental. *Landfill Gas Risk Assessment Stage 2, Horsley Park*. Report No. 0093_DBD_RPT0002A, dated 2 September 2020.
>
> Biogas Systems Australia. *Environmental Management Plan for Landfill Gas, Horsley Park Landfill.* Report No. 0103_RPT0075.C, dated 2 September 2020.

Review Comments

Landfill Gas Risk Assessment

1. Section 1 Introduction. It is stated that the risk assessment is based on works previously conducted, however the scope of works and report details the installation of wells and monitoring conducted for the purpose of the risk assessment. Please clarify
2. Section 1.1 Background.
    a. Confirm the distance between the waste, the Stage 2 boundary and proposed development.
    b. I generally advise consultants to not directly make reference to a site audit and the process of a site audit as it is an independent review of the report and the report objectives.
3. Section 2.1 Stage 2 Site Summary of Previous Investigations.
    a. The list of reports does not include the validation report for the Stage 2 area or southern bund. The Stage 1 validation report is listed and its relevance to the to the Stage 2 risk assessment is unclear. Clarification required.
    b. It is stated that a summary of the most relevant information is presented in the following section. It is unclear what information this is referring to.
4. Section 2.2 Former Camide Landfill Summary of Relevant Investigations. The Risk Assessment should provide a detailed review of reports and pertinent information that is relevant to the risk assessment process, please update.
5. Section 3.1 Site Details. Confirm the property description details as they differ from that provided using https://maps.six.nsw.gov.au title information – confirmation may be required from the client regarding the current Lot and DP for the site.
6. Table 3.3 Summary of the Former Camide Landfill. The table indicates that putrescible wastes were not recorded at the former landfill site, however subsequent sections of the report refer to the potential presence of putrescible wastes. It would be beneficial to include a footnote clarifying the potential presence of putrescible wastes, the composition of which may be a source of landfill gas generation.
7. Section 4 Review of Landfill Gas Monitoring Records and Site Assessments. Review and revise the opening sentence of this section.
8. Section 4.1 Landfill Gas Monitoring Well Construction and Appropriateness for Monitoring. Confirm the number of previously installed wells.
9. Section 4.3 Summary of Historical LFG Results from Former Camide Landfill. With consideration of the purpose of the risk assessment and statements made in latter sections of the report, a summary of the monitoring results and trends from historical monitoring events should be provided in the report. Particular reference should be made to data reported before and after the installation of the biofiltration trench. It would also be helpful to include the installation date of the trench on the attached graphs.
10. Section 4.4. Conclusions. Refer to Comment #9. The consultant has included conclusive statements about the effectiveness of the bioremediation trench. It would be beneficial to provide some context on the data collected and assessments conducted to support this conclusion.

11. Section 5 Initial Conceptual Site Model. Confirm which area the CSM has been developed for. It is unclear in the text if the CSM relates to Stage 2 or the former landfill area. Section 5.4 suggests the CSM has been developed for the landfill site. Please clarify.
12. Section 5.1 Source. Refer to Comment #6. The consultant discusses the likely presence of putrescible wastes within the landfill. Consideration should be given to noting this in Table 3.3 (Waste Composition).
13. Section 6 Perimeter Well Installation and LFG Monitoring. Justification should be provided for the limited parameters monitored as part of the assessment, including why VOCs, hydrocarbons and other common landfill gases have not been assessed. Further discussion regarding the presence and potential migration of leachate should be included.
14. Section 6.2.3 LFG Monitoring Network.
    a. The figures referenced do not provide the stated information.
    b. Figure 1 does not depict the location of the wells.
    c. Figure 2 does not show the location of the background well. Please clarify the location and well ID of the background well.
    d. The label for GM40 is not displayed on Figure 4.
    e. Table 6.1 describes GM21, GM22, GM28, GM29 as being "*in waste*". Are these wells located within the landfill waste, or between the waste and the trench?
15. Section 7.2 Water Levels in LFG Monitoring Network. As the wells have not been surveyed, how has the consultant determined/estimated the invert depth of the trench in relation to groundwater levels? Surveying of the wells and comparison to the survey data for the trench is imperative to the development of the conceptual site model and ongoing management of the site.
16. General Comment. The report is lacking any discussion of the assessment criteria utilised for the analysis of data and associated risk. The consultant should provide a dedicated subsection discussing the adopted threshold values. Provide justification in support of adopted thresholds and full source references for each of the adopted values. Comparison of the recorded concentrations against the relevant criteria should be included in the discussion of results (Section 7.0).
17. Section 7.3.1 Methane. The consultant states that wells GM22, GM28 and GM29 are located *inside of the biofiltration trench* and *are indicative of landfill conditions*. Please clarify the location of these wells which are understood to be located between the landfill waste and biofiltration trench.
18. Section 7.3.6 Volatile Organic Compounds.
    a. Additional information is required regarding the reported VOC concentrations. Please provide the data to support the statements made regarding historical VOC measurements and trace analysis, impacts of PVC cement/glue on reported concentrations, and VOC concentrations not posing a risk to future site users.
    b. Which wells had their height extended and what '*filling*' is being referred to?
19. Section 7.4 Continuous In-Situ Monitoring. For clarity, the definition of a worst-case meteorological event should be specified in the report.

20. Section 8 Updated Conceptual Site Model. Clarification is required as to which area the CSM has been developed for.
21. Section 8.1 Source.
    a. Reference is made to waste materials being placed within the site. For clarity, maintain consistency in reference to the site.
    b. In the discussion of landfill gas sources, the consultant refers to significant filling having been conducted within Stage 2C. This statement should be clarified to ensure it is not confused with the landfill waste mass filling.
    c. The consultant states that VOCs have previously been assessed in the perimeter network wells and not found to be a major contributor sufficient to cause a vapour intrusion risk to development. It would be beneficial to provide some context on the data collected and appropriate discussion to support this key conclusion.
22. Section 8.2 Potential Pathways. The discussion of potential pathways would benefit from the inclusion of relevant site specific information, including the geology encountered and presence of underground services.
23. Section 8.4 Summary of the LFG Regime. The consultant should clarify that the gas regime being discussed (second paragraph) relates to the landfill present adjacent the site, not associated with the wastes discussed in the first paragraph.
24. Table 8.1 Stage 2 Conceptual Site Model. The use of the term VENM (second column) should be reconsidered as it not an appropriate term for the description of natural geology underlying the site (being a waste classification in NSW legislation).
25. Section 9.3 Preliminary Screening. Cross reference to Section 0 requires correction.
26. Table 9.4 highlights the importance of understanding the relationship between groundwater levels and the invert depth of the biofiltration trench in assessing the risk to the site. As such, survey of the wells should be conducted and the risk assessment revised as necessary.
27. Section 9.5 Level 2 Risk Analysis and Assessment.
    a. Text required formatting.
    b. The report states that GM20 is not indicative of perimeter conditions as it is located too close to the biofiltration trench. Section 2.4 of the report states that GM20 may have been damaged but is still suitable for sampling. Significant fluctuations in groundwater levels have also been recorded in this well. The figures indicate minimal distance between the perimeters well GM44 and GM20 and the borelog for GM20 indicates installation within natural shales. Please confirm the distances between the biofiltration trench, GM20 and GM44. Is the consultant able to make a more conclusive discussion regarding the findings and results reported for GW20? Provide comment on the reliability of GM20 and the monitoring network.
    c. The calculation of risk has been determined based on data collected following installation of the trench. To support the risk assessment findings, it would be beneficial to clarify, on the data summary tables and associated graphs, the date of trench installation.
    d. The report should clearly state the gas protection measures required by the development to meet the Characteristic Situation 2 assessment. The floor slab requirements should specified.

28. Section 10 Discussion and Conclusions.
    a. Review this section with consideration to comments provided in this Interim Advice on other subsections of the report and update accordingly.
    b. Second paragraph – the discussion of gas migration underneath the biofiltration trench does not consider the depth of groundwater or data gap associated with lack of survey data.
    c. Third paragraph should detail the concrete slab requirements associated with the development.
    d. Fifth paragraph – the protection measures associated with the concrete slab should be discussed.
    e. Have the data gaps listed in Section 5.4 been addressed?
29. Figures. Cross Section A depicts the trench intersecting the water table. Cross Section B has the trench sitting above the water table with potential gas migration underneath. Is the biofiltration trench known to intercept the water table in some areas and not others, or are two different scenarios being depicted?
30. Graphs. It would be helpful to include a line on the graphs indicating the installation date of the biofiltration trench. The dates provided along the bottom axis are difficult to read.
31. Tables. Include all data utilised in the calculation of gas screening values, including data collected prior to the installation of the biofiltration trench.

Environmental Management Plan

32. Section 1.1 Background. The fourth paragraph refers to proposed industrial development to the north of the landfill and focuses on the Stage 1 area. Revise to include the proposed development to the south and east of the landfill (Stage 2).
33. Section 1.2 EMP Objectives. Review the opening sentence to provide greater assurance and certainty. It would be beneficial to refer to the EMP as a document that *will be enforced*, as opposed to a plan "*that can be enforced*".
34. Section 2.2.1 Landfill Closure Plan. Provide a reference for the RAP.
35. Section 2.2.3 Remedial History. Clarify opening sentence. Does the consultant mean to say the landfill has undergone years of assessment since its closure or implementation of the LCP?
36. Section 2.3.4 Landfill Gas. The Stage 2 Landfill Gas Risk Assessment is not mentioned.
37. Section 3.1 Introduction. Amend typographical errors in first and second sentences. Typographical errors are also noted in second paragraph.
38. Section 3.2 Regulatory Requirements. It would be beneficial to expand this section to provide an appraisal of which guidelines are to be applied in the evaluation of landfill gas monitoring data collected as part of this EMP. It is reported that the subject site of the EMP, the former Camide landfill, will be assessed through the application of NSW EPA (2016) and its associated threshold values. When evaluating potential risk presented to off-site properties, provide some clarity on what guidelines will be adopted. As access to the surrounding off-site properties will not be available for the collection of data, the consultant should clearly set out how it is proposed that the guideline documents (NSW EPA 2016 and NSW 2012) will be applied in order to determine potential risk to off-site receptors.
39. Section 3.4.4 Landfill gas analyser.
    a. The consultant should include comment to ensure the monitoring instruments have the required sensitivity for comparison against threshold criteria.
    b. A summary table of threshold values for the assessment of monitoring data is presented in Table 7. The consultant should provide a dedicated subsection discussing the proposed threshold values to be adopted and applied to each type of monitoring data proposed for collection. Provide justification in support of adopted thresholds and include how they can be applied to support the EMP objectives in relation to measuring and monitoring the potential risk to adjoining properties. Provide full source references for each of the adopted threshold values.
    c. Table 7 – clarification required on the proposed threshold for carbon dioxide. Why has a threshold of 1.5 % v/v above the background levels detailed in Appendix B been proposed? Provide justification in support of this approach for the evaluation of risk to off-site properties.
    d. Provide details on how water levels within monitoring wells are to be assessed/interpreted to evaluate the effectiveness of the biofiltration trench.
40. Section 3.4.6 Corrective / Contingency Actions.
    a. Corrective actions are only noted as required when methane concentrations exceed the reported threshold. Will a threshold value also be included for carbon dioxide?
    b. Will notification of any parties (e.g. property owner or others listed in Table 17 of the EMP) occur if a greater frequency of monitoring is required? It is noted that the EMP

recommends annual reporting of monitoring data. How and what information associated with corrective action(s) will be communicated outside of this annual reporting schedule?

c. The consultant should define what timeframe these observations (i.e. persistent exceedances, increasing trends) must be recorded over prior to triggering further assessment in accordance with NSW EPA (2012).

d. Clarify how the "*potential risk to off-site land uses"* will be identified.

e. Clarification is required regarding what mitigation measures may be put in place. Reference is made to the landfill gas risk assessment. Provide a reference to the relevant landfill gas risk assessment document for the site. As no access is available to off-site properties, all proposed mitigation must take place within the former Camide landfill property boundary.

41. Section 3.5.3 Performance Indicators. It is noted that the biofilter media is to be in good condition, at correct moisture levels and not subsided. Further discussion on inspection of the media or how it is determined that moisture levels are correct is not set out in the EMP. Clarification required.

42. Section 3.5.4 Monitoring requirements. The EMP refers to NSW EPA (2016) and the EPL 123 for monitoring requirements for surface monitoring. It would be beneficial if the consultant could include a monitoring protocol within the EMP for clarity. Also provide details of the proposed monitoring quality assurance measures to be adopted. This will ensure consistency in data collection across the proposed program of monitoring. This information can be attached to the EMP as an appendix or incorporated within the main text.

43. Section 3.5.9 Corrective Actions. The 500 ppm threshold for implementation of corrective actions should be defined in a separate subsections. Refer to Comment #39b.

44. Section 3.6.1 Requirements. The consultant reports that the build up of gas in subsurface structures may have the potential to be explosive or present risk of asphyxiation. Methane has been listed as a performance indicator. Are any other landfill gases considered relevant for assessment with respect to risk of asphyxiation?

45. Section 3.6.3 Performance Indicators. The performance indicators or threshold criteria utilised within the EMP should be defined in an appropriate section of the EMP. Refer to Comment #39b.

46. Section 3.6.4 Monitoring Requirements.

    a. Is reference to NSW EPA 2016 appropriate for monitoring of enclosed spaces that are not on or within the actual landfill footprint? Consider this comment when completing a review of guidelines (refer to Comment #38).

    b. The EMP currently refers to subsurface structures present within Stage 1. Are structures present within Stage 2 (current or proposed) that also require consideration?

    c. Are any services proposed to cross from the former landfill site into the adjacent development areas? Provide details.

47. Section 3.6.5 Landfill gas analyser. Clarification is required as to why only methane is to be compared against a threshold value and other gases are to be recorded for information purposes only. Would it be beneficial to provide all appropriate thresholds for potential

landfill gases to allow evaluation of potential landfill gas migration and accumulation within sub-surface structures which have the potential to create a pathway off-site?

48. Section 3.6.7 Corrective Actions.
    a. Refer to Comment #40 as it is also applicable to Section 3.6.7.
    b. The consultant should provide corrective actions/contingency plan in the event that potentially explosive conditions are identified in sub-surface structures/pits.
49. Section 5.1 General. It is recommended that the annual reporting include an assessment made of the risks present at the site boundary as per assessment procedures set out in NSW EPA (2012). Ongoing assessment of the Gas Characterisation Score as measured at the boundary would be a useful indicator and assessment of risk.
50. General Comment. Is it anticipated that any ground disturbance activities will occur within the former landfill area and/or biofiltration trench? Does allowance within the EMP need to be made to set out management and/or monitoring requirements associated with ground disturbance activities including hazardous gases, confined space, reinstatement requirements for cap and or biofiltration trench? Will this be captured elsewhere in other reporting? Clarification required.
51. General Comment. Previous reporting for the site by Biogas Systems Australia noted the importance of groundwater levels and potential pathways for gas migration with changing groundwater levels. Provide details of how this will be monitored and what actions will be undertaken in the event of a change in depth to groundwater.
52. General Comment. It would be beneficial to clarify whether the controls and monitoring requirements presented in the EMP are contingent on the site layout and general landuse of the former landfill remaining relatively unchanged. If this is the case, provide an overview of procedures to be implemented in the event of changes in landuse or ground disturbance activities.

I look forward to seeing these points addressed. If you require additional information or clarification, please do not hesitate to contact me. Thank you for your time regarding this matter.

Yours sincerely

James Davis
NSW EPA Contaminated Land Site Auditor
Enviroview Pty Ltd

Ref: 0301-1807-IA 05

30th November 2020

Wayne Pasalich
CSR Building Products Ltd
C/- Claire Kollaras
Calibre Consulting
PO Box 8300
BAULKHAM HILLS BC
NSW, 2153

Via email: Claire.Kollaras@calibreconsulting.co

Dear Wayne

RE: Interim Site Audit Advice 04 – Review of Updated Landfill Gas Risk Assessment and Environmental Management Plan, Stage 2, 327-335 Burley Road, Horsley Park, NSW 2175.

James Davis of Enviroview Pty Ltd has been engaged to provide the services of a NSW EPA Contaminated Land Accredited Site Auditor, to conduct a Site Audit in relation to the site identified as 327 – 335 Burley Road, Horsley Park NSW 2175 (the 'Site'), in accordance with the *Contaminated Land Management Act 1997* and relevant guidelines made or approved under s105 of that Act.

The objective of the Site Audit is to provide a Site Audit Report and Site Audit Statement to certify, in the Auditor's opinion, in relation to contaminated land, that the site is suitable for ongoing commercial/industrial land use, in relation to the guidelines made or approved by the NSW EPA.

A Site Audit Interim Advice is provided at a particular stage of the Audit to assist in the management of contamination issues with regard to the requirements of the Site Audit. An Interim Advice does not constitute a Site Audit Statement or a Site Audit Report and should not be considered pre-emptive of the final audit conclusions. A Site Audit Report and Site Audit Statement will be prepared at the conclusion of the Site Audit following the remediation of the Site.

The purpose of this Interim Advice is to provide feedback on the revisions made in the following reports:

> DBD Environmental. *Landfill Gas Risk Assessment Stage 2, Horsley Park*. Report No. 0093_DBD_RPT0002A, dated 11 November 2020.
>
> Biogas Systems Australia. *LFG Management Plan, Environmental Management Plan for Landfill Gas, Horsley Park Landfill.* Report No. 0103_RPT0076.C, dated 13 November 2020.
>
> DBD Environmental. *Response Letter – Auditor Comments of Landfill Gas Risk Assessment and Environmental Management Plan, Stage 2, 327-335 Burley Road, Horsley Park, NSW 2175.* Letter Ref. 0093_CSR_Auditor_Response_Letter, dated13 November 2020.

The revised *LFG Environmental Management Plan* (Biogas Systems, 2020) has been reviewed and the Auditors comments have been satisfactorily addressed.

Whilst most comments have been addressed by the revised *Landfill Gas Risk Assessment* (DBD Environmental, 2020), a couple of issues remain outstanding which require attention to finalise the document and enable close-out of the Site Audit.

Comments Provided in Interim Advice 04

1. Comment #13 Section 6 Perimeter Well Installation and LFG Monitoring. The justification regarding the limited analytical suite has not been added in this section as stated in the *Response Letter*, nor any discussion regarding the presence and potential migration of leachate.
2. Comment #16 General Comment – Assessment Criteria. The consultant has provided a new sub-section discussing the assessment criteria, however clarification is required regarding the criteria adopted for the purpose of the risk assessment. The following comments are made regarding Section 7.4 of the revised report.
    a. The opening sentence refers to the document as an EMP, please amend.
    b. The consultant states that criteria provided by the *Guidelines for the Assessment and Management of Sites Impacted by Hazardous Ground Gases* (NSW EPA 2012) is considered the most applicable. The consultant should consider the more recent NSW EPA (2020) *Assessment and management of hazardous ground gases*.
    c. Table 7.2 utilises NEPM criteria which is not discussed in this section.
    d. It would be beneficial to provide a table summarising the criteria adopted for the purpose of the risk assessment, for all analytes assessed, citing the source references for the adopted values. Appropriate justification for the adopted criteria is required.
    e. Table 7.1 – please provide a footnote to the table referencing the tabulated criteria.
3. Formatting Error – Figures 7.1, 7.2, 7.3, 7.4 and 7.5 (within body of the report) were not included or able to be read in the revised report provided for review by the Auditor.

These issues should be addressed in finalising the document. If you require additional information or clarification, please do not hesitate to contact me. Thank you for your time regarding this matter.

Yours sincerely

James Davis
NSW EPA Contaminated Land Site Auditor
Enviroview Pty Ltd

Appendix B:
Site Plans

0 20 40 60 80 100 120 140 160 180 200

SCALE 1:2000 (A1) SCALE 1:4000 (A3)

MGA-56 GRID OVERLAY - Flight Date 22/07/2020

NOTE: AREAS AND DIMENSION CONTAINED WITHIN THIS PLAN ARE FOR D.A. PURPOSE ONLY AND MAY VARY SUBJECT TO FINAL SURVEY.

REDUCTION RATIO

PLAN 1:2000 @ A1, 1:4000 @ A3

DATUM A.H.D	DESIGN	CHECKED C.K.
SURVEY	DRAWN DT	DATE 22/07/2020

calibre

CSR

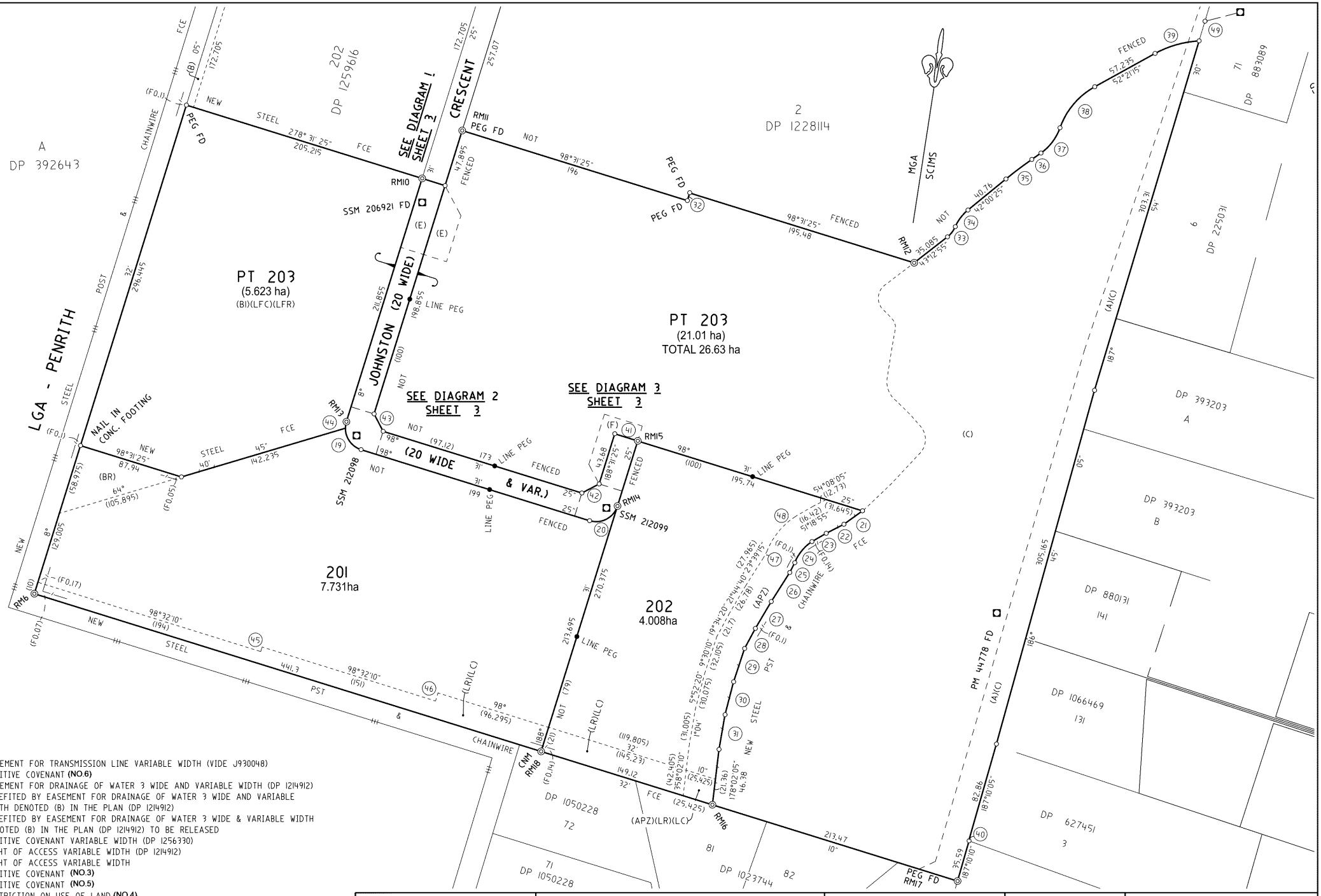
APPROXIMATE MGA GRID OVERLAY
327-335 BURLEY ROAD, HORSLEY PARK

ISSUE	DESCRIPTION	DATE
38	FEBRUARY FLYOVER	19-02-2020
39	MARCH FLYOVER	20-03-2020
40	JULY FLYOVER	22-07-2020

DRAWING. No. X13044 - SK931

SHEET 1 OF 1 SHEETS

AMEND. 0

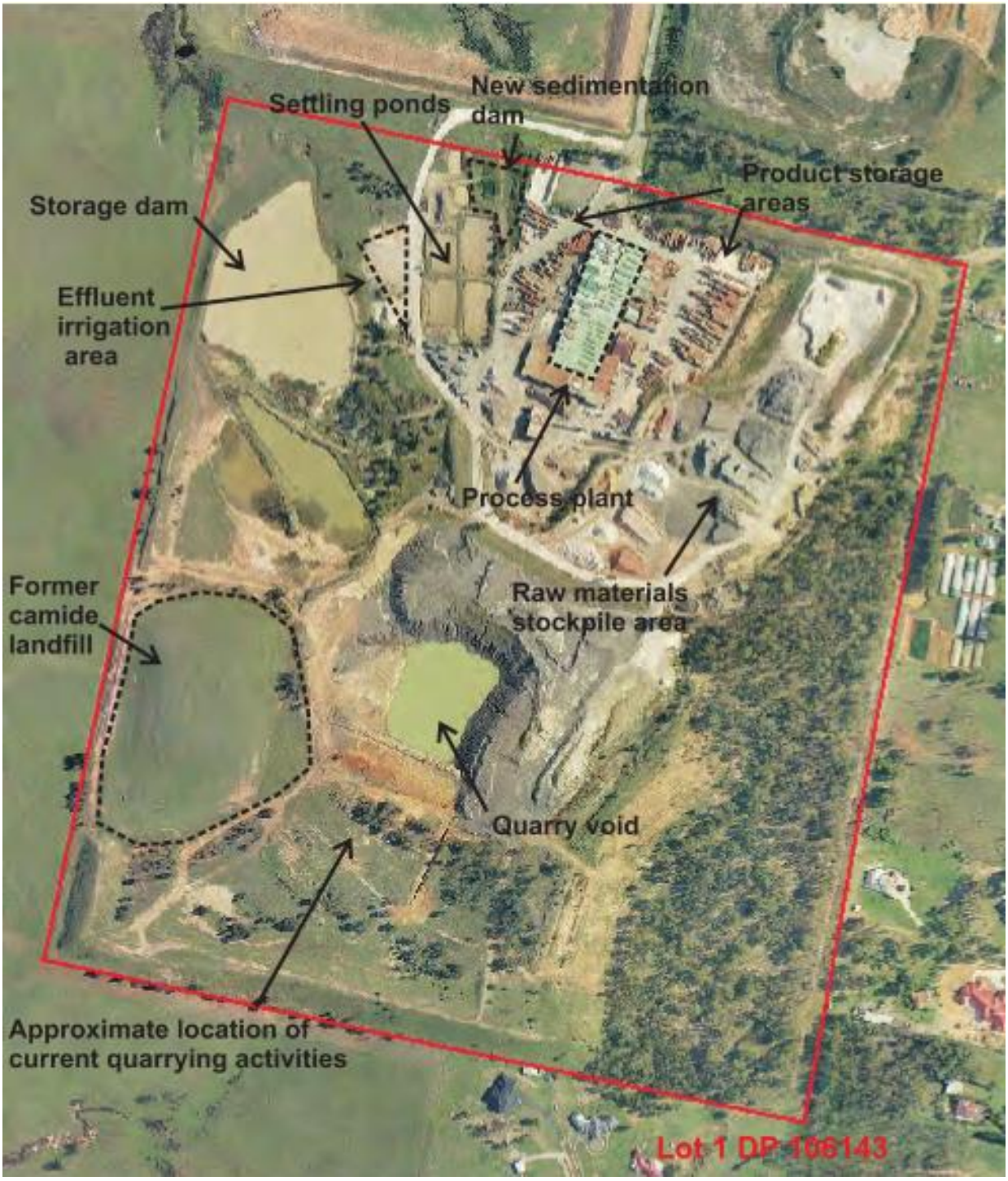


(A) EASEMENT FOR TRANSMISSION LINE VARIABLE WIDTH (VIDE J930048)
(APZ) POSITIVE COVENANT **(NO.6)**
(B) EASEMENT FOR DRAINAGE OF WATER 3 WIDE AND VARIABLE WIDTH (DP 1214912)
(BI) BENEFITED BY EASEMENT FOR DRAINAGE OF WATER 3 WIDE AND VARIABLE WIDTH DENOTED (B) IN THE PLAN (DP 1214912)
(BR) BENEFITED BY EASEMENT FOR DRAINAGE OF WATER 3 WIDE & VARIABLE WIDTH DENOTED (B) IN THE PLAN (DP 1214912) TO BE RELEASED
(C) POSITIVE COVENANT VARIABLE WIDTH (DP 1256330)
(E) RIGHT OF ACCESS VARIABLE WIDTH (DP 1214912)
(F) RIGHT OF ACCESS VARIABLE WIDTH
(LC) POSITIVE COVENANT **(NO.3)**
(LFC) POSITIVE COVENANT **(NO.5)**
(LFR) RESTRICTION ON USE OF LAND **(NO.4)**
(LR) RESTRICTION ON USE OF LAND **(NO.2)**

CNM DENOTED CORNER NOT MARKED, CORNER INACCESSIBLE
SEE SHEET 3 FOR SCHEDULE OF SHORT & CURVED DIMENSIONS
SEE SHEET 1 FOR SCHEDULE OF REFERENCE MARKS

SURVEYOR Name: KIM FRANCIS MURPHY CALIBRE CONSULTING (NSW) P/L T: (02) 8808 5000 Date of Survey: 16/07/2020 Reference: X13044-STG2A LPI File Ref:	PLAN OF SUBDIVISION OF LOT 103 IN DP 1214912	L.G.A.: FAIRFIELD Locality: HORSLEY PARK Reduction Ratio: 1:2000 Lengths are in metres	Registered 17.11.2020	DP1244593

Appendix C:
Phase 1 Site Feature Location Plan (DLA, June 2013)



Legend

Site Boundary

DLA environmental	Title: Site Layout	Figure: 2	Project no:: DLH1121
		Date: 14/06/2013	Revision: 1

Appendix D:
Phase 2 Sample Location Plan (DLA, September 2013)

LEGEND

Sample Location

DLA environmental

Sydney
Unit 2B/30 Leighton Place
Hornsby NSW 2077
Tel: 02-94761765
Fax: 02-94761557

Maitland
42B Church Street
Maitland NSW 2335
Tel: 02-49330001

Title: Water Sample Locations– CSR Horsley Park. Burley Rd, Horsley Park, NSW

Figure:	Project no::
3	DLH1121
Date:	Revision:
2.10.2013	0

LEGEND

Sample Location

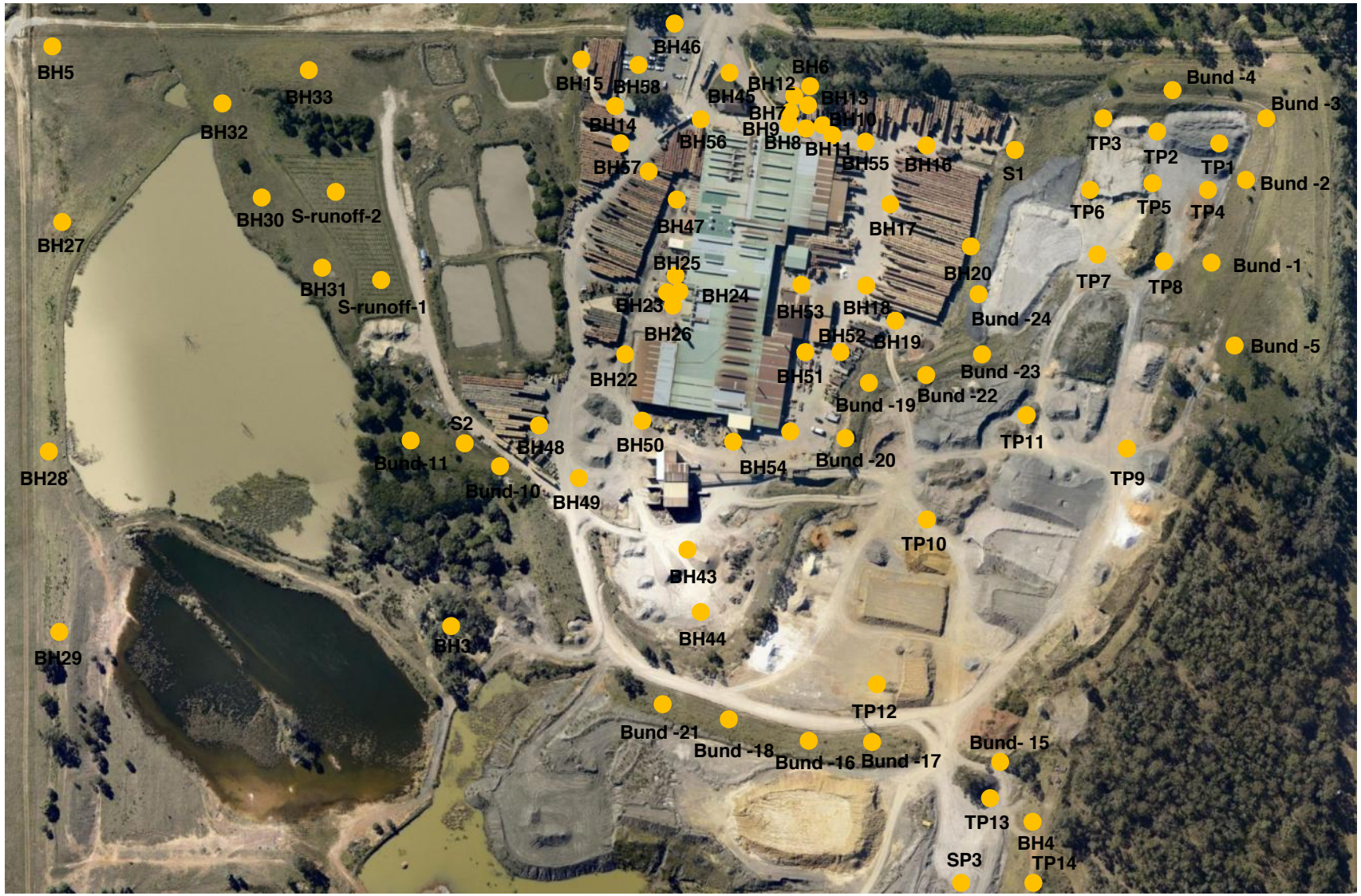
DLA environmental

Sydney
Unit 2B/30 Leighton Place
Hornsby NSW 2077
Tel: 02-94761765
Fax: 02-94761557

Maitland
42B Church Street
Maitland NSW 2335
Tel: 02-49330001

Title: Water Sampling Locations, CSR Horsley Park. Burley Rd, Horsley Park, NSW.

Figure:	Project no::
1	DLH1121
Date: 2.10.2013	Revision: 0



LEGEND

Sample Location

DLA environmental

Sydney
Unit 2B/30 Leighton Place
Hornsby NSW 2077
Tel: 02-94761765
Fax: 02-94761557

Maitland
42B Church Street
Maitland NSW 2335
Tel: 02-49330001

Title: Sample Location- North- CSR Horsley Park. Burley Road, Horsley Park, NSW

Figure:	Project no::
1	DLH1121
Date: 23.09.2013	Revision: 0

LEGEND

● Sample Location

DLA environmental

Sydney
Unit 2B/30 Leighton Place
Hornsby NSW 2077
Tel: 02-94761765
Fax: 02-94761557

Maitland
42B Church Street
Maitland NSW 2335
Tel: 02-49330001

Title: Sample Locations–South- CSR- Horsley Park. Burley Road, Horsley Park, NSW

Figure:	Project no::
1	DLH1121
Date: 23.09.2013	Revision: 0

Appendix E:
Phase 2 Summary Analytical Tables (DLA, September 2013)

Table 3a – Soil Assessment Criteria

Analytes	Thresholds (mg/kg dry wt)	Sources
Benzene Toluene Ethylbenzene Xylene (total) TPH: C_6-C_9 TPH: C_{10}-C_{40}	1 130[a] 50[b] 25[b] 65 1000	NSW Service Station Guidelines
Arsenic Cadmium Chromium Copper	3000 900 3600 240,000	NEPM 1999 (as revised 2013), Table 1(A)1, Column D
Lead	1500 300	NEPM 1999 (as revised 2013), Table 1(A)1, Column D NSW Service Station Guidelines 1994
Mercury Nickel Zinc B(a)P (TEQ) Total PAH's PCB	730 6000 400,000 40 4000 50	NEPM 1999 (as revised 2013), Table 5a, Table 1(A)1, Column D
Pesticides: (Aldrin/Dieldrin) Chlordane DDT+DDE+DDD	 45 530 3600	NEPM 1999 (as revised 2013), Table 5a, Table 1(A)1, Column D
Odours	No Odours	NSW OEH

[a] The toluene threshold concentration is the Netherlands Maximum Permissible Concentration (MPC) to protect terrestrial organisms in soil. This value was obtained by applying the US EPA assessment factor to terrestrial chronic No Observed Effect Concentration (NOEC) data. The MPC is an "indicative" value (Van de Plassche et al 1993: Van de Plassche and Bockting 1993).

[b] Human health and ecological based protection level for toluene. The threshold concentration presented here is the Netherlands intervention value for the protection of terrestrial organisms. Other considerations such as odours and the protection of groundwater may require a lower remediation criterion.

Table 4b – Groundwater Investigation Levels

Analytes	Service Station Guidelines	ANZECC Fresh Water (µg/L) 95%	ANZECC Fresh Water (µg/L) 90%	NHMRC Drinking Water Guidelines 2004 (µg/L)
Benzene	300	700	900	1
Toluene	300[+]			800
Ethylbenzene	80	80	110	300
M+P-Xylene		75		600
Total Xylene	380			
TPH: C6 - C40	600[1]	7		ID
T-1,2 dichloroethene		700	900	
C-1,2 dichloroethene		700	900	
Trichloroethene		330	400	
1,2 dichloroethane		1900	2600	
Chlorobenzene		55	100	
Arsenic (III)		24	94	
Arsenic (V)		13	42	7
Cadmium		0.2	0.4	2
Chromium (III)				
Chromium (VI)		1	6	50
Copper		1.4	1.8	2000
Lead	5	3.4	5.6	10
Mercury (inorganic)		0.6	1.9	1
Nickel		11	13	20
Zinc		8	15	ID
PAH's				
Napthalene		16	37	
Anthracene		0.4*		ID
Phenanthrene		2*		
Fluoranthene		1.4*		
B(a)P		0.2*		0.01
PCB (Total)		1-0.001		0.05
Phenolics		320		ID

[1] The NSW EPA Guidelines for Assessing Service Station sites and the ANZECC water quality Guidelines do not provide any reference for TPH levels in groundwater. In the absence of accepted criteria, the Dutch Intervention guidelines have been referenced as a guide only. The Dutch guidelines do not provide criteria for the C6-C9 hydrocarbon fractions, but provide values for mineral oil hydrocarbons (C10-C36 chain). The Dutch Intervention guideline for mineral oil is 600µg/litre. This guideline is health based rather than ecosystem based.

[2] The ANZECC threshold criteria of 7µg/L is a low reliability trigger level for protection of aquatic ecosystems and is derived from a study on the effects of petroleum hydrocarbons on tropical marine organisms. This level has not been adopted as it is below the most sensitive detection level of the laboratory.

ID=Insufficient Data; *Low reliability trigger values are provided where possible as an indicative guideline only in the absence of a high reliability 95% value.

3.2.3 Limitations of the Assessment Criteria

All criteria have limitations. Not all chemical analytes are covered by each set of guidelines, requiring some criteria to be sourced from elsewhere. This is particularly relevant to the Dutch guidelines, which provide a guideline for assessment for some analytes not covered by the Australian guidelines. Only criteria relevant to Australia have been used in the interpretation of analytical data on the Site.

Monocyclic Aromatic Hydrocarbons (BTEX)

A total of seventy five (75) soil samples were analysed for Monocyclic Aromatic Hydrocarbons (BTEX fractions), associated with petrol contamination, were not detected above the laboratory Limit of Reporting (LOR) in any of the samples collected.

Total Recoverable Hydrocarbons (TRH)

A total of seventy five (75) soil samples were analysed for Total Recoverable Hydrocarbon (TRH) compounds from the sampling locations on the site.

Hydrocarbons in the C_6 – C_{10} Fraction (F1) were detected in six (6) of the samples analysed with concentrations ranging from 70 – 470mg/kg. Hydrocarbons in the C_{10} – C_{16} Fraction (F2) were detected in eleven (11) samples with concentrations ranging from 100 – 1900mg/kg. All concentrations in the F1 and F2 Hydrocarbon category were below the NEPM Table 1A(5) HSL criteria for F1 (2800mg/kg) and F2 (2400mg/kg) fractions at a depth greater than 1m in clay soils.

Hydrocarbons in the C_{16} – C_{34} Fraction were detected in three (3) of the samples analysed with concentrations of 160mg/kg in two (2) samples and 180mg/kg in one sample.

Hydrocarbons in the C_{34} – C_{40} Fraction were detected in nine (9) of the samples analysed with concentrations ranging from 61 – 1100mg/kg. One sample (BH24 – 1.3a) exceeded the NSW Service Station Guidelines value of 1000mg/kg for Total Recoverable Hydrocarbons.

Table 4a – TPH in Soil (mg/kg)

	Total Petroleum Hydrocarbons				
Sample ID	**C_6-C_{10}**	**>C_{10}-C_{16}**	**>C_{16}-C_{34}**	**>C_{34}-C_{40}**	**Total**
BH24-S	70	570	nd	170	810
BH24-SA	nd	220	nd	nd	220
BH24 - 0.6	nd	590	nd	110	700
BH24 - 1.3	240	1100	nd	560	1900
BH24 - 1.3A	470	1900	nd	**1100**	3470
BH24 - 2.0	180	770	nd	400	1350
BH25 - 1.4	nd	100	nd	nd	100
BH25 - 2.7	nd	160	nd	61	221
BH27 - 1.0	160	410	nd	300	870
BH51 - 0.5	160	510	180	340	340
BH51 - 1.4	nd	150	nd	99	99
BH56 - 2.5	nd	nd	160	nd	nd
HIL	**2800**	**2400**	**-**	**-**	**1000**

Pesticides

Six (6) samples including duplicates were submitted for pesticide and herbicide analysis (OP/OCP). No concentrations of OP/OC Pesticides were recorded above LOR and are therefore within the site assessment criteria. No evidence of impaction from pesticides or herbicides was noted.

Polycyclic Aromatic Hydrocarbons (PAH)

A total of two hundred and thirteen (213) samples were analysed for Polycyclic Aromatic Hydrocarbons (PAH). Concentrations of PAH compounds were detected above the LOR in eighty one (81) of the samples collected, with one (1) sample (TP3 - 0.5m) exceeding the NEPM 2013 Table 1(A)1 column D criteria of 40mg/kg for BaP (TEQ) with a concentration of 53mg/kg. All remaining samples concentrations were within the Site Acceptance Criteria.

Polychlorinated Biphenyls (PCBs)

Six (6) samples including duplicates were analysed for Polychlorinated Biphenyls (PCB). There were no concentrations of PCB recorded above the LOR and hence none above the site assessment criteria.

Heavy Metals

A total of two hundred and thirteen (213) soil samples were submitted for analysis of all eight (8) heavy metals as recommended by the NSW EPA. All samples complied with the Site acceptance criteria of NEPM 1999 as revised 2013 Table 1(A)1 Column D – *Commercial/Industrial* and the *NSW Service Station Guidelines 1994*.

Refer to **Table 4b**- Metals in Soil

Table 4b- Metals in Soil

Parameter	Acid Extractable Metals							
	As	Cd	Cr	Cu	Pb	Hg	Ni	Zn
Average (n=)	7.8	0.56	24.4	30.4	20.6	0.12	21.9	60
Standard Deviation	3.4	0.15	43	12.5	17.7	0.06	32.5	33.1
Min (mg/Kg)	4	0.4	4	3	4	0.1	2	6
Max (mg/Kg)	26	1	260	85	130	0.4	190	310
Number Exceeding	0	0	0	0	0	0	0	0
SAC (NEPM D) Service Station	3000	900	3600	4000	1500	730	6000	400000
Phytotoxicity EIL	**20**	**3**	**400**	**100**	**600**	**1**	**60**	**200**

4.2.2 Water Analysis

Six monitoring wells were established on the site to determine the condition of groundwater within the site. As a minimum each installed well reached at least a moisture layer in the soil profile if not a water bearing layer or a perched water table. At the time of sampling four water samples were collected from the monitoring wells.

The well installation information is located in the following table.

Table 4c – Well depths

Monitoring Well Description	Total Depth of Well *(mbgl)	Water Level *(mbgl) (18/9/2013)
MW#1	7.42	7.35 (dry)
MW#2	5.95	1.54
MW#3	11.79	1.43
MW#4	5.4	dry
MW#5	7.5	1.6
MW#6	8.67	4.81

The monitoring well analytical results are in the following series of tables.

BTEX

The four monitoring wells sampled were analysed for BTEX. There were two detections of C_6 to C_{10} however these detection were below the site acceptance criteria. The two detections were in MW2 and MW3.

Total Recoverable Hydrocarbons and Naphthalene

The four monitoring wells sampled were analysed for Total Recoverable Hydrocarbons. MW3 had a detection of C_{10}-C_{16} and Naphthalene, however was below the site acceptance

criteria. MW2 is located adjoining the factory and in the area of former chemical storage, naptha and possible oil storage underground storage tanks. MW2 exceeded the site criteria for Total Recoverable Hydrocarbons and Naphthalene.

Table 4d – Volatile Hydrocarbons

Sample ID	Volatile Hydrocarbons						
	vTRH C_6 - C_{10} (µg/L)	vTRH C_6 - C_{10} less BTEX (F1) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	EthylBenzene (µg/L)	m + p Xylene (µg/L)	o-Xylene(µg/L)
MW2	50	50	nd	nd	nd	nd	nd
MW3	120	92	nd	nd	nd	nd	nd
MW5	nd	nd	nd	nd	nd	nd	nd
MW6	nd	nd	nd	nd	nd	nd	nd
Criteria			**950**	**-**	**-**	**200**	**350**

Table 4e – TRH and Naphthalene

Sample ID	Total Recoverable Hydrocarbons C6-C36 and Naphthalene								
	C6 - C10 (µg/L)	TRH C10 - C14 (µg/L)	TRH C15 - C28 (µg/L)	TRH C29 - C36(µg/L)	TRH >C10-C16 (µg/L)	TRH >C10 - C16 Less Napth (µg/L)	TRH >C16-C34 (µg/L)	Total TRH(µg/L)	Naphthalene (µg/L)
MW2	50	**1200**	**4000**	**990**	**2000**	**2000**	**3900**	**6240**	**38**
MW3	120	72	nd	nd	74	71	nd	194	2
MW5	nd	nd	nd	nd	nd	nd	nd	nd	nd
MW6	nd	nd	nd	nd	nd	nd	nd	Nd	nd
Criteria								**600**	**16**

Metals

In total there were sixteen (16) water samples collected for analysis, twelve (12) surface water samples collected (including one duplicate) from the eleven (11) dams located on the site and four (4) water samples from the monitoring wells. The samples were tested for a variety of analytes and the results are in the tables below. Included in the table below is the analysis of Metals in the Monitoring Wells.

A summary of the exceedance is as follows:

- The concentration of Cadmium in MW6 (0.3ug/L) marginally exceeded the site criteria 0.2ug/L.
- The concentration of Chromium in S-Dam-2 (3ug/L), S-Dam-3 (2ug/L), S-Dam-4(2ug/L), and S-Dam-5 (2ug/L), exceeded the site criteria of 1ug/L.

- The concentration of Copper in S-Dam-1 (3ug/L), S-Dam-2 (26ug/L), S-Dam-3 (22ug/L), S-Dam-4(29ug/L), S-Dam-5 (32ug/L) S-Dam-6 (2ug/L) and S-Dam-8 (2ug/L), exceeded the site criteria of 1.4 ug/L.
- The concentration of Lead in S-Dam-4 and S-Dam-5 exceeded the site criteria of 3.4ug/L.
- The concentration of Mercury in S-Dam-2 exceeds with site criteria of 0.06ug/L.
- The concentration of Nickle in MW2 (14ug/L) exceeded the site criteria of 11ug/L.
- The concentration of Zinc in MW2 (42ug/L), MW3 (39ug/L), MW6 (57ug/L), S-Dam-1 (17ug/L), S-Dam-4 (11ug/L) and S-Dam-5 (9ug/L) exceeded the site criteria of 11ug/L.

Table 4f – Heavy Metals in Water

Sample ID	Metal Analytes							
	As (µg/L)	Cd (µg/L)	Cr (µg/L)	Cu (µg/L)	Pb (µg/L)	Hg (µg/L)	Ni (µg/L)	Zn (µg/L)
MW2	3	<0.1	<1	1	<1	<0.05	**14**	**42**
MW3	<1	<0.1	<1	<1	<1	<0.05	8	**39**
MW5	<1	<0.1	1	1	<1	<0.05	3	6
MW6	4	**0.3**	<1	<1	<1	<0.05	7	**57**
S - Dam - 1	<1	<0.1	1	**3**	<1	<0.05	3	**17**
S - Dam - 2	1	<0.1	**3**	**26**	3	**0.07**	9	8
S - Dam - 3	2	<0.1	**2**	**22**	2	0.06	5	6
S - Dam - 4	2	<0.1	**2**	**29**	**7**	0.05	10	**11**
S - Dam - 5	<1	<0.1	**2**	**32**	**5**	0.06	10	**9**
S - Dam - 6	<1	<0.1	<1	**2**	<1	<0.05	<1	2
S - Dam - 7	<1	<0.1	<1	<1	<1	<0.05	<1	<1
S - Dam - 7a	<1	<0.1	<1	<1	<1	<0.05	<1	<1
S - Dam - 8	<1	<0.1	<1	**2**	<1	<0.05	<1	1
S - Dam - 9	<1	<0.1	<1	<1	<1	<0.05	<1	<1
S - Dam - 10	<1	<0.1	<1	11	<1	<0.05	<1	<1
S – Dam -11	<1	<0.1	<1	11	<1	<0.05	<1	<1
Criteria	**13**	**0.2**	**1**	**1.4**	**3.4**	**0.06**	**11**	**8**

pH and Electrical Conductivity

The electrical conductivity in monitoring wells MW3 and MW6 were high compared to the remainder of the site. There is no site criteria for Electrical Conductivity.

The pH of S-Dam-7 (pH 8.7), S-Dam-8 (pH 8.7) and S-Dam-9 (pH 8.8) are elevated above the site criteria pH range of 6.5 to 8.5 from the Australian Drinking Water Guidelines.

Table 4g – pH and EC

Sample ID	pH	EC
MW2	7.1	2,500
MW3	7.1	20,000
MW5	8	1,500
MW6	7.2	19,000
S - Dam - 1	8.4	1,200
S - Dam - 2	7.8	970
S - Dam - 3	8	1,100
S - Dam - 4	7.6	990
S - Dam - 5	7.7	1,000
S - Dam - 6	8.1	830
S - Dam - 7	**8.7**	1,200
S - Dam - 7a	8.1	1,200
S - Dam - 8	**8.7**	1,200
S - Dam - 9	**8.8**	1,700
S - Dam - 10	8.2	830
S - Dam - 11	7.9	830
Criteria	**6.5-8.5 ADWG**	**N/A**

Polycyclic Aromatic Hydrocarbons (PAHs)

There were only a few detections above the limit of reporting (LOR) of Naphthalene, Acenephthene, Phenanthrene, Anthracene within the water sampling. MW2 had exceedances of Naphthalene, Phenanthrene and Anthracene.

Table 4h – PAH in Water

Sample ID	Polycyclic Aromatic Hydrocarbons							
	Naphthalene	Acenaphthene	Phenanthrene	Anthracene	Fluoranthene	B(a)P	B(a)P TEQ	PAH Total
MW2	**38**	10	**15**	**1**	nd	nd	nd	79
MW3	2	Nd	Nd	Nd	Nd	Nd	Nd	1.6
MW5	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
MW6	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
S - Dam - 1	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
S - Dam - 2	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
S - Dam - 3	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
S - Dam - 4	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
S - Dam - 5	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
S - Dam - 6	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
S - Dam - 7	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
S - Dam - 7a	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
S - Dam - 8	Nd	Nd	Nd	Nd	Nd	Nd	Nd	Nd
S - Dam - 9	nd	nd	nd	nd	nd	nd	nd	nd
S - Dam - 10	Nd	Nd	Nd	Nd	Nd	Nd	nd	Nd
S - Dam - 11	Nd	Nd	Nd	Nd	Nd	Nd	Nd	nd
Criteria	**16**	**-**	**2**	**0.4***	**1.4***	**0.2**	**-**	**-**

4.3 QA/QC Comments

The results of the field and laboratory quality assurance and quality control procedures complied with all stated DQOs. While a degree of homogeneity is expected, the very nature of the material and the contaminant concentrations would create expectancy for some heterogeneity.

A review of the QA/QC controls incorporated into the process and given the generally low concentrations of contaminants present in the soil on site generally, relative to threshold concentrations, the required degree of confidence in the results can be obtained. It is considered that the analytical data generated is of an acceptable degree of accuracy and precision for the purpose of assessing the soil quality on the site.

Appendix F:
Bund Wall Assessment Sample Location Plan (DLA, June 2018)

DLA Environmental Services
an ERM Group company

Compiled
NN

Legend

- Site Boundary
- Test Pit
- No Asbestos Identified
- AF/FA Detected and > Criteria
- AF/FA Detected but < Criteria
- Bonded ACM Identified

N

Approximate Scale

0m 50m 100m

Figure Title
Sample Locations

Project Title
Horsley Park

Client
CSR

Project No.	Date	Scale	Figure No.	Revision
0449086	05/03/2018	As Shown	3	Version 1.0

Appendix G:
Bund Wall Assessment Analytical Summary Tables (DLA, June 2018)

Table 1 - Analytical Results Summary
Southern Bund Wall Assessment

Sample ID	Depth (m bgl)	Sample Date	Laboratory Report	Asbestos w/w%	Asbestos ID	BTEX				Naphthalene	TRH				PAH			Pesticides									PCB
						Benzene	Toluene	Ethylbenzene	Xylene		F1	F2	F3	F4	Benzo(a)pyrene	Benzo(a)pyrene TEQ	Total PAH	DDT+DDE+DDD	Aldrin + Dieldrin	Chlordane	Endosulfan	Endrin	Heptachlor	HCB	Methoxychlor	OPP	
SITE ASSESSMENT CRITERIA																											
HIL D Commercial / Industrial (NEPC, 2013)				0.05	-	-	-	-	-	-	-	-	-	-	-	40	4000	3600	45	530	2000	100	50	80	2500	-	7
HSL D Commercial / Industrial 0-<1m, clay(NEPM, 2013)				-	-	4	NL	NL	NL	NL	310	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 1-<2m, clay (NEPM, 2013)				-	-	6	NL	NL	NL	NL	480	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 2-<4m, clay (NEPM, 2013)				-	-	9	NL	NL	NL	NL	NL	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial +4m, clay (NEPM, 2013)				-	-	20	NL	NL	NL	NL	NL	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Management Limits Commercial / Industrial, fine (NEPM, 2013)				-	-	-	-	-	-	-	800	1000	5000	10000	-	-	-	-	-	-	-	-	-	-	-	-	-
EIL D Commercial / Industrial (NEPC, 2013)				-	-	-	-	-	-	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESL D Commercial / Industrial, clay(NEPM, 2013)				-	-	95	135	185	180	-	215	170	2500	6600	1.4	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Direct Contact (Friebel, et al, 2011)				-	-	430	99000	27000	81000	11000	26000	20000	27000	38000	-	-	-	-	-	-	-	-	-	-	-	-	-
PRIMARY SAMPLES																											
TP38-1	1.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	-	<0.5	NIL (+)VE										
TP38-2	2.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	-	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP38-3	3.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	-	<0.5	0.7										
TP38-4	4.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	-	0.7	5.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP38-5	5.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	-	<0.5	2.7										
TP38-3 ACM	-	24-Jun-16	ASET51110	nd	ACM identified in soil sample																						
TP39-1	1.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.3	0.6	4.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP39-2	2.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	0.3										
TP39-3	3.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.5	0.7	4.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP39-4	4.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.4	0.6	3.1										
TP39-5	5.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.2	<0.5	1.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP40-1	1.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	2.6	3.8	31										
TP40-2	2.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.6	0.8	5.3	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.0
TP40-3	3.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	250.0	<100	5.7	8.5	110										
TP40-4	4.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP40-5	5.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.6	0.9	6										
TP41-1	1.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	2.3	3.4	26										
TP41-2	2.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.7	1.1	9.4										
TP41-3	3.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP41-4	4.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	460	130	0.6	1.0	10										
TP41-5	5.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP42-1	1.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP42-2	2.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	1.5	2.2	25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP42-3	3.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	0.5										
TP42-4	4.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP42-5	5.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	1.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP43-1	1.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP43-2	2.0	24-Jun-16	148936 / ASET51110	0.003	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	1.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP43-3	3.0	24-Jun-16	148936 / ASET51110	0.007	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.3	<0.5	3.4										
TP43-4	4.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.2	<0.5	3.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP43-5	5.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	1.3	1.9	13										
TP44-1	1.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP44-2	2.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP44-3	3.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	0.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP44-4	4.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	9.8	15.0	130										
TP44-A	-	24-Jun-16	148936 / ASET51110	nd	ACM identified in soil sample	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	1.4	2.0	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP44-5	5.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	100.0	<100	2.5	3.6	30										
TP45-1	1.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP45-2	2.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP45-3	3.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	1.2	1.8	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2
TP45-4	4.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	180.0	<100	4.8	7.1	66										
TP45-5	5.0	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	110.0	<100	1.9	3.1	37	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP46-1	1.0	22-Jun-16	148936 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP46-2	2.0	22-Jun-16	148936 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP46-3	3.0	22-Jun-16	148936 / ASET51111	nd	ACM identified in soil sample	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.2	<0.5	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP46-4	4.0	22-Jun-16	148936 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	1.5										
TP46-5	5.0	22-Jun-16	148936 / ASET51111	nd	ACM identified in soil sample	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.2	<0.5	2.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP47-1	1.0	24-Jun-16	149385 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.5	0.7	5.0										
TP47-2	2.0	24-Jun-16	149385	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	1.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP47-3	3.0	24-Jun-16	149385	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	0.9										
TP47-4	4.0	24-Jun-16	149385	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.4	0.6	4.4	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP47-5	5.0	24-Jun-16	149385	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	2.3	3.3	21.0										
TP48-1	1.0	24-Jun-16	149385	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.3	0.5	3.4	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP48-2	2.0	24-Jun-16	149385	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	0.6										
TP48-3	3.0	24-Jun-16	149385	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.2	<0.5	2.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Table 1 - Analytical Results Summary
Southern Bund Wall Assessment

Sample ID	Depth (m bgl)	Sample Date	Laboratory Report	Asbestos w/w%	Asbestos ID	BTEX				Naphthalene	TRH				PAH			Pesticides									PCB
						Benzene	Toluene	Ethylbenzene	Xylene		F1	F2	F3	F4	Benzo(a)pyrene	Benzo(a)pyrene TEQ	Total PAH	DDT+DDE+DDD	Aldrin + Dieldrin	Chlordane	Endosulfan	Endrin	Heptachlor	HCB	Methoxychlor	OPP	
SITE ASSESSMENT CRITERIA																											
HIL D Commercial / Industrial (NEPC, 2013)				0.05	-	-	-	-	-	-	-	-	-	-	-	40	4000	3600	45	530	2000	100	50	80	2500	-	7
HSL D Commercial / Industrial 0-<1m, clay(NEPM, 2013)				-	-	4	NL	NL	NL	NL	310	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 1-<2m, clay (NEPM, 2013)				-	-	6	NL	NL	NL	NL	480	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 2-<4m, clay (NEPM, 2013)				-	-	9	NL	NL	NL	NL	NL	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial +4m, clay (NEPM, 2013)				-	-	20	NL	NL	NL	NL	NL	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Management Limits Commercial / Industrial, fine (NEPM, 2013)				-	-	-	-	-	-	-	800	1000	5000	10000	-	-	-	-	-	-	-	-	-	-	-	-	-
EIL D Commercial / Industrial (NEPC, 2013)				-	-	-	-	-	-	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESL D Commercial / Industrial, clay(NEPM, 2013)				-	-	95	135	185	180	-	215	170	2500	6600	1.4	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Direct Contact (Friebel, et al, 2011)				-	-	430	99000	27000	81000	11000	26000	20000	27000	38000	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-4	4.0	24-Jun-16	149980/ASET51111	nd	Bonded ACM <7mm and >7mm	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	0.4										
TP48-5	5.0	24-Jun-16	149980 / ASET51111	nd	Bonded ACM <7mm and >7mm	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.6	0.9	6.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP49-1	1.0	24-Jun-16	149385 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	450.0	<100	7.9	12.0	100.0										
TP49-2	2.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.6	0.9	6.8										
TP49-3	3.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	1.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP49-4	4.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.8	1.2	9.9										
TP49-4-ACM	-	24-Jun-16	ASET51111	nd	ACM identified in soil sample																						
TP49-5	5.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.8	1.2	10.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP50-1	1.0	24-Jun-16	149385 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	1.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP50-2	2.0	24-Jun-16	149385 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.2	<0.5	2.8										
TP50-3	3.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.4	0.7	6.3										
TP50-4	4.0	24-Jun-16	149385 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.5	0.8	6.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP50-5	5.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.3	0.5	3.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP52-1	1.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.9	1.4	12.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP52-2	2.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.5	0.7	4.2										
TP52-3	3.0	24-Jun-16	149385 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.4	0.6	3.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP52-4	4.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	140	<100	0.3	<0.5	3.1										
TP52-5	5.0	24-Jun-16	149385 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP53-1	1.0	24-Jun-16	149385 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-2	2.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-3	3.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP53-4	4.0	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-5	5.0	24-Jun-16	149980		-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP54-1	1.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP54-2	2.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP54-3	3.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP54-4	4.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP54-5	5.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	0.1										
TP55-1	1.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP55-2	2.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP55-3	3.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP55-4	4.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP55-5	5.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP56-1	1.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP56-2	2.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP56-3	3.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP56-4	4.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP56-5	5.0	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE										
TP58-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.9	1.2	9.2										
TP58-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.5	0.7	4.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP58-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.3	0.5	2.6										
TP58-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP58-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP59-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.4	0.6	4.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP59-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	110	<120	2.8	3.8	25										
TP59-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	110	<120	0.9	1.3	9.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP59-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	1.9	2.7	22										
TP59-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.2	0.3	1.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP60-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP60-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.6	0.9	7.2	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP60-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.1	<0.3	<0.8										
TP60-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.3	0.5	2.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP60-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.4	0.6	4.4										
TP61-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.4	0.7	4.0										
TP61-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.3	0.5	3.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP61-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.2	0.4	2.6										
TP61-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP61-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP62-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										

Table 1 - Analytical Results Summary
Southern Bund Wall Assessment

Sample ID	Depth (m bgl)	Sample Date	Laboratory Report	Asbestos w/w%	Asbestos ID	BTEX				Naphthalene	TRH				PAH			Pesticides									PCB
						Benzene	Toluene	Ethylbenzene	Xylene		F1	F2	F3	F4	Benzo(a)pyrene	Benzo(a)pyrene TEQ	Total PAH	DDT+DDE+DDD	Aldrin + Dieldrin	Chlordane	Endosulfan	Endrin	Heptachlor	HCB	Methoxychlor	OPP	
SITE ASSESSMENT CRITERIA																											
HIL D Commercial / Industrial (NEPC, 2013)				0.05	-	-	-	-	-	-	-	-	-	-	-	40	4000	3600	45	530	2000	100	50	80	2500	-	7
HSL D Commercial / Industrial 0-<1m, clay(NEPM, 2013)				-	-	4	NL	NL	NL	NL	310	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 1-<2m, clay (NEPM, 2013)				-	-	6	NL	NL	NL	NL	480	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 2-<4m, clay (NEPM, 2013)				-	-	9	NL	NL	NL	NL	NL	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial +4m, clay (NEPM, 2013)				-	-	20	NL	NL	NL	NL	NL	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Management Limits Commercial / Industrial, fine (NEPM, 2013)				-	-	-	-	-	-	-	800	1000	5000	10000	-	-	-	-	-	-	-	-	-	-	-	-	-
EIL D Commercial / Industrial (NEPC, 2013)				-	-	-	-	-	-	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESL D Commercial / Industrial, clay(NEPM, 2013)				-	-	95	135	185	180	-	215	170	2500	6600	1.4	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Direct Contact (Friebel, et al, 2011)				-	-	430	99000	27000	81000	11000	26000	20000	27000	38000	-	-	-	-	-	-	-	-	-	-	-	-	-
TP62-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP62-3	3.0	23-Sep-16	SE157495 / ASET52924	0.022	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	300	<120	0.8	1.1	7.7										
TP62-4	4.0	23-Sep-16	SE157495 / ASET52924	0.002	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	110	<120	0.6	0.9	6.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP62-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	290	<120	1.4	2.0	13										
TP63-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP63-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP63-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.4	0.6	4.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP63-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.6	0.9	7.8										
TP63-5	5.0	23-Sep-16	SE157495 / ASET52924	0.063	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	60	1200	<120	0.9	1.3	8.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP64-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP64-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP64-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP64-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP64-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.5	0.8	5.7										
TP65-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP65-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP65-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	150	<120	2.9	4.2	30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP65-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.3	0.5	3.1										
TP65-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.6	1.0	6.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP66-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP66-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP66-3	3.0	23-Sep-16	SE157495 / ASET52924		-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.9	1.3	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP66-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.4	0.6	4.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP66-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP67-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP67-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.3	0.5	2.8										
TP67-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.2	0.4	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP67-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.2	0.4	2.3										
TP67-4-ACM	-	23-Sep-16	ASET52924	nd	ACM >7mm identified in soil sample																						
TP67-5	5.0	23-Sep-16	SE157495 / ASET52924	0.0009	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.8	1.2	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP68-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.7	1.0	6.5										
TP68-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.3	0.5	2.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP68-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.2	0.3	1.8										
TP68-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP68-5	5.0	23-Sep-16	SE157495 / ASET52924	0.003	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.1	<0.3	1.0										
TP69-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	310	<120	2.1	3.1	23	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP69-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.2	0.4	2.1										
TP69-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.2	0.4	2.7										
TP69-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	1.2	1.7	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP69-5	5.0	23-Sep-16	SE157495 / ASET52924	0.001	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP70-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.6	0.9	5.9										
TP70-2	2.0	23-Sep-16	SE157495 / ASET52924	0.0002	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP70-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.9	1.3	9.2										
TP70-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	130	<120	1.8	2.6	19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP70-5	5.0	23-Sep-16	SE157495 / ASET52924	0.0005	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	110	<120	0.7	1.1	7.9										
TP71-1	1.0	23-Sep-16	SE157495 / ASET52924	0.0007	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.6	0.9	5.9										
TP71-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.2	0.4	2.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP71-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP71-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP71-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	100	<120	0.6	0.8	5.1										
TP72-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.4	0.6	3.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP72-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	100	<120	0.2	0.4	2.3										
TP72-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	nd	nd	0.4	nd	nd	nd	nd	nd	nd	nd
TP72-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.2	0.4	2.2										
TP72-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	110	<120	0.2	0.3	1.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP73-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.4	0.6	4.0										
TP73-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	ACM visually identified	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.5	0.7	4.7										
TP73-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	1.0	1.4	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP73-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.4	0.6	4.0										

Table 1 - Analytical Results Summary
Southern Bund Wall Assessment

Sample ID	Depth (m bgl)	Sample Date	Laboratory Report	Asbestos w/w%	Asbestos ID	BTEX				Naphthalene	TRH				PAH			Pesticides									PCB
						Benzene	Toluene	Ethylbenzene	Xylene		F1	F2	F3	F4	Benzo(a)pyrene	Benzo(a)pyrene TEQ	Total PAH	DDT+DDE+DDD	Aldrin + Dieldrin	Chlordane	Endosulfan	Endrin	Heptachlor	HCB	Methoxychlor	OPP	
SITE ASSESSMENT CRITERIA																											
HIL D Commercial / Industrial (NEPC, 2013)				0.05	-	-	-	-	-	-	-	-	-	-	-	40	4000	3600	45	530	2000	100	50	80	2500	-	7
HSL D Commercial / Industrial 0-<1m, clay(NEPM, 2013)				-	-	4	NL	NL	NL	NL	310	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 1-<2m, clay (NEPM, 2013)				-	-	6	NL	NL	NL	NL	480	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 2-<4m, clay (NEPM, 2013)				-	-	9	NL	NL	NL	NL	NL	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial +4m, clay (NEPM, 2013)				-	-	20	NL	NL	NL	NL	NL	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Management Limits Commercial / Industrial, fine (NEPM, 2013)				-	-	-	-	-	-	-	800	1000	5000	10000	-	-	-	-	-	-	-	-	-	-	-	-	-
EIL D Commercial / Industrial (NEPC, 2013)				-	-	-	-	-	-	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESL D Commercial / Industrial, clay(NEPM, 2013)				-	-	95	135	185	180	-	215	170	2500	6600	1.4	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Direct Contact (Friebel, et al, 2011)				-	-	430	99000	27000	81000	11000	26000	20000	27000	38000	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP74-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.3	0.5	2.7										
TP74-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	130	<120	5.3	7.7	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP74-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.4	0.7	3.4										
TP74-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	100	<120	1.8	2.6	19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP74-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	140	<120	2.6	3.8	29										
TP75-1	1.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP75-2	2.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP75-3	3.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP75-4	4.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP75-5	5.0	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										

Table 1 - Analytical Results Summary
Southern Bund Wall Assessment

Sample ID	Depth (m bgl)	Sample Date	Laboratory Report	Asbestos w/w%	Asbestos ID	BTEX				Naphthalene	TRH				PAH			Pesticides									PCB
						Benzene	Toluene	Ethylbenzene	Xylene		F1	F2	F3	F4	Benzo(a)pyrene	Benzo(a)pyrene TEQ	Total PAH	DDT+DDE+DDD	Aldrin + Dieldrin	Chlordane	Endosulfan	Endrin	Heptachlor	HCB	Methoxychlor	OPP	
SITE ASSESSMENT CRITERIA																											
HIL D Commercial / Industrial (NEPC, 2013)				0.05	-	-	-	-	-	-	-	-	-	-	-	40	4000	3600	45	530	2000	100	50	80	2500	-	7
HSL D Commercial / Industrial 0-<1m, clay(NEPM, 2013)				-	-	4	NL	NL	NL	NL	310	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 1-<2m, clay (NEPM, 2013)				-	-	6	NL	NL	NL	NL	480	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 2-<4m, clay (NEPM, 2013)				-	-	9	NL	NL	NL	NL	NL	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial +4m, clay (NEPM, 2013)				-	-	20	NL	NL	NL	NL	NL	NL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Management Limits Commercial / Industrial, fine (NEPM, 2013)				-	-	-	-	-	-	-	800	1000	5000	10000	-	-	-	-	-	-	-	-	-	-	-	-	-
EIL D Commercial / Industrial (NEPC, 2013)				-	-	-	-	-	-	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ESL D Commercial / Industrial, clay(NEPM, 2013)				-	-	95	135	185	180	-	215	170	2500	6600	1.4	-	-	-	-	-	-	-	-	-	-	-	-
HSL D Direct Contact (Friebel, et al, 2011)				-	-	430	99000	27000	81000	11000	26000	20000	27000	38000	-	-	-	-	-	-	-	-	-	-	-	-	-
INTRA-LABORATORY DUPLICATES																											
TP40-1-A	-	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	1.4	2.1	15	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.5
TP41-1-A	-	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	300	<100	8.3	12.0	100	<0.1	<0.1	0.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP42-3-A	-	24-Jun-16	148936 / ASET51110	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	1.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP44-4-A	-	24-Jun-16	ASET51110	nd	-																						
TP46-1-A	-	24-Jun-16	148936 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP48-1-A	-	24-Jun-16	149385	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.3	0.6	4.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP50-2-A	-	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.3	<0.5	2.7										
TP52-3-A	-	24-Jun-16	149980 / ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.3	<0.5	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP54-2-A	-	24-Jun-16	149385/ASET51111		-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP55-5-A	-	24-Jun-16	ASET51111	nd	-																						
TP56-4A	-	24-Jun-16	149385/ASET51111	nd	-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP58-1a	-	23-Sep-16	SE157495 / ASET52924	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.2	0.4	1.8										
TP61-1a	-	23-Sep-16	SE157495 / ASET52924		-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.7	1.0	7.3										
TP62-1a	-	23-Sep-16	SE157495 / ASET52924		-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP66-1a	-	23-Sep-16	SE157495 / ASET52924		-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
TP68-1a	-	23-Sep-16	SE157495 / ASET52924		-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	1.1	1.5	11										
TP70-1a	-	23-Sep-16	SE157495 / ASET52924		-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.6	0.9	5.1										
TP71-1a	-	23-Sep-16	SE157495 / ASET52924		-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.3	0.5	3.0										
TP75-1a	-	23-Sep-16	SE157495 / ASET52924		-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.3	<0.8										
INTER-LABORATORY DUPLICATES																											
TP40-1-B	-	24-Jun-16	149164 / SE154541	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	100	<120	2.8	4.0	30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.0
TP44-4-B	-	24-Jun-16	149164 / SE154541	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.8	1.1	6.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP46-1-B	-	22-Jun-16	149164 / SE154541	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.2	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP48-1-B	-	24-Jun-16	149164 / SE154541	nd	-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	0.4	0.6	3.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP50-2-B	-	24-Jun-16	149164	nd	-																						
TP54-2-B	-	24-Jun-16	SE154541		-	<0.1	<0.1	<0.1	<0.3	<0.1	<25	<25	<90	<120	<0.1	<0.2	<0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP55-5-B	-	24-Jun-16	149164	nd	-																						
TP58-1B	-	23-Sep-16	154283		-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.6	0.8	7.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP62-1B	-	23-Sep-16	154283		-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP66-1B	-	23-Sep-16	154283		-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	<0.05	<0.5	NIL (+)VE	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP70-1B	-	23-Sep-16	154283		-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.1	<0.5	1.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP75-1B	-	23-Sep-16	154283		-	<0.2	<0.5	<1	<3	<1	<25	<50	<100	<100	0.07	<0.5	0.41	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
STATISTICAL ANALYSIS																											
Min						0.0	0.0	0.0	0.0	0.0	0.0	60.0	100.0	0.0	0.1	0.3	1.0	0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max						0.0	0.0	0.0	0.0	0.0	0.0	60.0	1200.0	0.0	5.3	7.7	59.0	0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Avg						-	-	-	-	-	-	60.0	218.8	-	0.8	1.2	8.4	0.3	-	0.4	-	-	-	-	-	-	-
Stdev						-	-	-	-	-	-	-	272.1	-	0.9	1.3	9.7	-	-	-	-	-	-	-	-	-	-
Procedure B Calculation						-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
95% UCL						-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-

* Depth relates to Depth Below Surface Level

NL = Not Limiting

RED = Exceeds HIL Criteria

nd = Not Detected Above Laboratory LOR

Table 1 - Analytical Results Summary
Southern Bund Wall Assessment

Sample ID	Depth (m bgl)	Sample Date	Laboratory Report	Heavy Metals								Foreign Materials
				As	Cd	Cr VI	Cu	Pb	Hg	Ni	Zn	
SITE ASSESSMENT CRITERIA												
HIL D Commercial / Industrial (NEPC, 2013)				3000	900	3600	240000	1500	730	6000	400000	-
HSL D Commercial / Industrial 0-<1m, clay(NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 1-<2m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 2-<4m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial +4m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
Management Limits Commercial / Industrial, fine (NEPM, 2013)				-	-	-	-	-	-	-	-	-
EIL D Commercial / Industrial (NEPC, 2013)				160	-	322	287	1812	-	469	648	-
ESL D Commercial / Industrial, clay(NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Direct Contact (Friebel, et al, 2011)				-	-	-	-	-	-	-	-	-
PRIMARY SAMPLES												
TP38-1	1.0	24-Jun-16	148936 / ASET51110	8	<0.4	18	23	22	<0.1	12	43	
TP38-2	2.0	24-Jun-16	148936 / ASET51110	7	<0.4	20	29	31	<0.1	16	92	
TP38-3	3.0	24-Jun-16	148936 / ASET51110	8	<0.4	18	20	59	<0.1	7	62	
TP38-4	4.0	24-Jun-16	148936 / ASET51110	5	<0.4	9	17	61	<0.1	13	93	
TP38-5	5.0	24-Jun-16	148936 / ASET51110	6	<0.4	18	27	62	<0.1	14	130	
TP38-3 ACM	-	24-Jun-16	ASET51110									
TP39-1	1.0	24-Jun-16	148936 / ASET51110	8	0.6	16	36	37	<0.1	14	65	
TP39-2	2.0	24-Jun-16	148936 / ASET51110	9	<0.4	21	24	44	0.1	14	69	
TP39-3	3.0	24-Jun-16	148936 / ASET51110	7	0.7	11	36	58	<0.1	9	69	
TP39-4	4.0	24-Jun-16	148936 / ASET51110	5	<0.4	18	18	98	0.2	5	40	
TP39-5	5.0	24-Jun-16	148936 / ASET51110	4	<0.4	11	19	33	<0.1	8	38	
TP40-1	1.0	24-Jun-16	148936 / ASET51110	7	<0.4	23	62	130	<0.1	18	110	
TP40-2	2.0	24-Jun-16	148936 / ASET51110	6	<0.4	16	28	91	0.1	11	130	
TP40-3	3.0	24-Jun-16	148936 / ASET51110	5	<0.4	10	35	110	0.1	9	130	
TP40-4	4.0	24-Jun-16	148936 / ASET51110	9	0.6	12	39	290	0.2	19	460	
TP40-5	5.0	24-Jun-16	148936 / ASET51110	10	0.4	18	29	100	0.1	13	150	
TP41-1	1.0	24-Jun-16	148936 / ASET51110	8	<0.4	12	22	90	<0.1	10	100	
TP41-2	2.0	24-Jun-16	148936 / ASET51110	8	0.5	18	33	190	<0.1	7	240	
TP41-3	3.0	24-Jun-16	148936 / ASET51110	8	<0.4	16	15	34	<0.1	5	38	
TP41-4	4.0	24-Jun-16	148936 / ASET51110	16	0.9	15	110	250	0.1	18	190	
TP41-5	5.0	24-Jun-16	148936 / ASET51110	7	<0.4	18	30	19	<0.1	26	62	
TP42-1	1.0	24-Jun-16	148936 / ASET51110	6	<0.4	21	16	18	<0.1	11	25	
TP42-2	2.0	24-Jun-16	148936 / ASET51110	9	0.4	23	51	120	<0.1	16	220	
TP42-3	3.0	24-Jun-16	148936 / ASET51110	8	<0.4	16	24	32	<0.1	10	62	
TP42-4	4.0	24-Jun-16	148936 / ASET51110	9	<0.4	18	19	24	<0.1	7	36	
TP42-5	5.0	24-Jun-16	148936 / ASET51110	4	<0.4	7	39	67	0.2	6	39	
TP43-1	1.0	24-Jun-16	148936 / ASET51110	8	<0.4	27	14	24	<0.1	8	20	
TP43-2	2.0	24-Jun-16	148936 / ASET51110	7	<0.4	18	30	100	0.1	10	96	
TP43-3	3.0	24-Jun-16	148936 / ASET51110	12	<0.4	17	54	73	<0.1	18	420	
TP43-4	4.0	24-Jun-16	148936 / ASET51110	11	0.4	19	400	200	0.3	130	250	
TP43-5	5.0	24-Jun-16	148936 / ASET51110	7	0.5	16	97	170	0.3	24	240	
TP44-1	1.0	24-Jun-16	148936 / ASET51110	5	<0.4	16	20	18	<0.1	5	16	
TP44-2	2.0	24-Jun-16	148936 / ASET51110	7	<0.4	23	14	22	<0.1	7	18	
TP44-3	3.0	24-Jun-16	148936 / ASET51110	8	<0.4	18	34	52	<0.1	10	73	
TP44-4	4.0	24-Jun-16	148936 / ASET51110	5	<0.4	14	52	120	0.2	15	270	
TP44-A	-	24-Jun-16	148936 / ASET51110	10	<0.4	15	85	99	<0.1	13	270	
TP44-5	5.0	24-Jun-16	148936 / ASET51110	11	0.4	18	130	150	0.2	11	250	
TP45-1	1.0	24-Jun-16	148936 / ASET51110	8	<0.4	25	16	24	<0.1	8	23	
TP45-2	2.0	24-Jun-16	148936 / ASET51110	10	<0.4	23	16	24	<0.1	9	28	
TP45-3	3.0	24-Jun-16	148936 / ASET51110	8	<0.4	16	30	75	0.1	12	130	
TP45-4	4.0	24-Jun-16	148936 / ASET51110	5	<0.4	9	22	79	0.1	4	510	
TP45-5	5.0	24-Jun-16	148936 / ASET51110	6	<0.4	14	21	66	<0.1	5	950	
TP46-1	1.0	22-Jun-16	148936 / ASET51111	6	<0.4	21	14	28	<0.1	8	22	
TP46-2	2.0	22-Jun-16	148936 / ASET51111	5	<0.4	22	16	12	<0.1	5	15	
TP46-3	3.0	22-Jun-16	148936 / ASET51111	5	<0.4	9	23	120	<0.1	6	7100	
TP46-4	4.0	22-Jun-16	148936 / ASET51111	8	<0.4	17	26	48	<0.1	8	96	
TP46-5	5.0	22-Jun-16	148936 / ASET51111	9	<0.4	18	25	84	<0.1	8	760	
TP47-1	1.0	24-Jun-16	149385 / ASET51111	13	0.4	37	26	45	<0.1	15	53	
TP47-2	2.0	24-Jun-16	149385	6	<0.4	17	36	40	<0.1	19	390	
TP47-3	3.0	24-Jun-16	149385	5	0.4	14	29	98	<0.1	7	1600	
TP47-4	4.0	24-Jun-16	149385	10	0.6	18	33	110	<0.1	7	77	
TP47-5	5.0	24-Jun-16	149385	8	0.5	18	27	320	<0.1	9	180	
TP48-1	1.0	24-Jun-16	149385	<4	<0.4	15	12	53	0.1	7	60	
TP48-2	2.0	24-Jun-16	149385	8	0.5	19	24	61	<0.1	11	90	
TP48-3	3.0	24-Jun-16	149385	6	0.5	16	40	77	0.2	28	150	

Table 1 - Analytical Results Summary
Southern Bund Wall Assessment

Sample ID	Depth (m bgl)	Sample Date	Laboratory Report	Heavy Metals								Foreign Materials
				As	Cd	Cr VI	Cu	Pb	Hg	Ni	Zn	
SITE ASSESSMENT CRITERIA												
HIL D Commercial / Industrial (NEPC, 2013)				3000	900	3600	240000	1500	730	6000	400000	-
HSL D Commercial / Industrial 0-<1m, clay(NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 1-<2m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 2-<4m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial +4m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
Management Limits Commercial / Industrial, fine (NEPM, 2013)				-	-	-	-	-	-	-	-	-
EIL D Commercial / Industrial (NEPC, 2013)				160	-	322	287	1812	-	469	648	-
ESL D Commercial / Industrial, clay(NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Direct Contact (Friebel, et al, 2011)				-	-	-	-	-	-	-	-	-
TP48-4	4.0	24-Jun-16	149980/ASET51111	6	<0.4	15	30	53	<0.1	15	92	
TP48-5	5.0	24-Jun-16	149980 / ASET51111	7	<0.4	19	26	82	<0.1	15	130	
TP49-1	1.0	24-Jun-16	149385 / ASET51111	14	0.6	18	81	130	0.2	11	160	
TP49-2	2.0	24-Jun-16	149980 / ASET51111	5	<0.4	8	31	76	<0.1	5	54	
TP49-3	3.0	24-Jun-16	149980 / ASET51111	7	<0.4	19	36	75	<0.1	11	150	
TP49-4	4.0	24-Jun-16	149980 / ASET51111	8	<0.4	21	46	77	0.1	15	120	
TP49-4-ACM	-	24-Jun-16	ASET51111									
TP49-5	5.0	24-Jun-16	149980 / ASET51111	8	<0.4	16	50	110	0.1	11	150	
TP50-1	1.0	24-Jun-16	149385 / ASET51111	12	<0.4	43	38	24	<0.1	41	72	
TP50-2	2.0	24-Jun-16	149385 / ASET51111	8	0.4	17	34	50	<0.1	11	86	
TP50-3	3.0	24-Jun-16	149980 / ASET51111	11	<0.4	14	87	84	<0.1	11	150	
TP50-4	4.0	24-Jun-16	149385 / ASET51111	10	0.6	20	82	89	<0.1	16	130	
TP50-5	5.0	24-Jun-16	149980 / ASET51111	9	<0.4	17	48	110	<0.1	10	360	
TP52-1	1.0	24-Jun-16	149980 / ASET51111	48	0.5	17	55	90	0.2	15	68	
TP52-2	2.0	24-Jun-16	149980 / ASET51111	4	<0.4	9	21	61	0.1	5	60	
TP52-3	3.0	24-Jun-16	149385 / ASET51111	<4	<0.4	11	21	38	0.1	6	41	
TP52-4	4.0	24-Jun-16	149980 / ASET51111	16	<0.4	24	120	150	0.1	15	250	
TP52-5	5.0	24-Jun-16	149385 / ASET51111	<4	<0.4	29	16	21	<0.1	11	26	
TP53-1	1.0	24-Jun-16	149385 / ASET51111	12	0.4	19	21	19	<0.1	11	39	
TP53-2	2.0	24-Jun-16	149980 / ASET51111	17	<0.4	16	34	18	<0.1	26	70	
TP53-3	3.0	24-Jun-16	149980 / ASET51111	10	<0.4	16	39	16	<0.1	23	77	
TP53-4	4.0	24-Jun-16	149980 / ASET51111	<4	<0.4	8	48	19	<0.1	16	54	
TP53-5	5.0	24-Jun-16	149980	6	<0.4	12	40	15	<0.1	18	69	
TP54-1	1.0	24-Jun-16	149385/ASET51111	11	<0.4	19	18	16	<0.1	9	35	
TP54-2	2.0	24-Jun-16	149385/ASET51111	8	0.4	17	27	14	<0.1	22	63	
TP54-3	3.0	24-Jun-16	149385/ASET51111	9	<0.4	16	29	14	<0.1	22	62	
TP54-4	4.0	24-Jun-16	149385/ASET51111	6	<0.4	14	47	17	<0.1	19	65	
TP54-5	5.0	24-Jun-16	149385/ASET51111	6	<0.4	14	42	17	<0.1	20	69	
TP55-1	1.0	24-Jun-16	149385/ASET51111	8	0.5	27	25	19	<0.1	20	48	
TP55-2	2.0	24-Jun-16	149385/ASET51111	13	0.4	16	39	17	<0.1	26	74	
TP55-3	3.0	24-Jun-16	149385/ASET51111	10	<0.4	14	29	13	<0.1	20	62	
TP55-4	4.0	24-Jun-16	149385/ASET51111	5	<0.4	15	38	15	<0.1	23	66	
TP55-5	5.0	24-Jun-16	149385/ASET51111	8	<0.4	19	33	17	<0.1	21	62	
TP56-1	1.0	24-Jun-16	149385/ASET51111	10	0.4	26	24	23	<0.1	14	56	
TP56-2	2.0	24-Jun-16	149385/ASET51111	11	0.4	17	38	16	<0.1	23	67	
TP56-3	3.0	24-Jun-16	149385/ASET51111	12	<0.4	16	38	15	<0.1	23	69	
TP56-4	4.0	24-Jun-16	149385/ASET51111	9	<0.4	14	24	11	<0.1	17	51	
TP56-5	5.0	24-Jun-16	149385/ASET51111	10	0.4	17	30	14	<0.1	20	63	
TP58-1	1.0	23-Sep-16	SE157495 / ASET52924	6	<0.3	13	23	46	0.11	12	73	
TP58-2	2.0	23-Sep-16	SE157495 / ASET52924	6	<0.3	12	23	79	0.11	8.8	64	<0.07
TP58-3	3.0	23-Sep-16	SE157495 / ASET52924	6	<0.3	14	140	170	0.12	10	77	
TP58-4	4.0	23-Sep-16	SE157495 / ASET52924	7	0.4	11	25	29	0.08	6.5	65	
TP58-5	5.0	23-Sep-16	SE157495 / ASET52924	7	<0.3	17	15	22	<0.05	6.9	42	<0.07
TP59-1	1.0	23-Sep-16	SE157495 / ASET52924	6	<0.3	15	23	37	0.07	12	68	<0.07
TP59-2	2.0	23-Sep-16	SE157495 / ASET52924	5	<0.3	19	30	130	0.26	7.5	110	
TP59-3	3.0	23-Sep-16	SE157495 / ASET52924	8	0.4	13	42	81	0.07	6.9	190	
TP59-4	4.0	23-Sep-16	SE157495 / ASET52924	6	<0.3	17	32	140	0.13	5.8	130	<0.07
TP59-5	5.0	23-Sep-16	SE157495 / ASET52924	6	<0.3	12	21	57	0.06	8.8	64	
TP60-1	1.0	23-Sep-16	SE157495 / ASET52924	6	<0.3	16	21	33	<0.05	9.0	70	
TP60-2	2.0	23-Sep-16	SE157495 / ASET52924	10	<0.3	13	44	75	0.07	9.2	86	<0.07
TP60-3	3.0	23-Sep-16	SE157495 / ASET52924	6	<0.3	14	13	27	<0.05	2.4	47	<0.07
TP60-4	4.0	23-Sep-16	SE157495 / ASET52924	7	0.9	14	68	110	0.05	10	140	
TP60-5	5.0	23-Sep-16	SE157495 / ASET52924	5	<0.3	9.4	20	29	0.08	3.8	30	
TP61-1	1.0	23-Sep-16	SE157495 / ASET52924	7	<0.3	13	18	180	0.06	6.3	57	<0.07
TP61-2	2.0	23-Sep-16	SE157495 / ASET52924	57	0.5	18	67	85	0.07	5.7	52	
TP61-3	3.0	23-Sep-16	SE157495 / ASET52924	38	0.3	21	45	57	0.06	6.4	44	<0.07
TP61-4	4.0	23-Sep-16	SE157495 / ASET52924	6	<0.3	9.8	20	26	<0.05	9.1	48	
TP61-5	5.0	23-Sep-16	SE157495 / ASET52924	9	<0.3	17	21	69	<0.05	7.4	81	
TP62-1	1.0	23-Sep-16	SE157495 / ASET52924	7	<0.3	23	12	28	<0.05	5.1	21	

Table 1 - Analytical Results Summary
Southern Bund Wall Assessment

Sample ID	Depth (m bgl)	Sample Date	Laboratory Report	Heavy Metals								Foreign Materials
				As	Cd	Cr VI	Cu	Pb	Hg	Ni	Zn	
SITE ASSESSMENT CRITERIA												
HIL D Commercial / Industrial (NEPC, 2013)				3000	900	3600	240000	1500	730	6000	400000	-
HSL D Commercial / Industrial 0-<1m, clay(NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 1-<2m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 2-<4m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial +4m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
Management Limits Commercial / Industrial, fine (NEPM, 2013)				-	-	-	-	-	-	-	-	-
EIL D Commercial / Industrial (NEPC, 2013)				160	-	322	287	1812	-	469	648	-
ESL D Commercial / Industrial, clay(NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Direct Contact (Friebel, et al, 2011)				-	-	-	-	-	-	-	-	-
TP62-2	2.0	23-Sep-16	SE157495 / ASET52924	7	<0.3	24	13	24	<0.05	5.6	19	
TP62-3	3.0	23-Sep-16	SE157495 / ASET52924	15	1.3	27	320	530	0.25	31	610	<0.07
TP62-4	4.0	23-Sep-16	SE157495 / ASET52924	6	0.3	14	90	170	0.31	9.9	180	<0.07
TP62-5	5.0	23-Sep-16	SE157495 / ASET52924	14	1.0	24	180	530	0.14	21	530	
TP63-1	1.0	23-Sep-16	SE157495 / ASET52924	5	<0.3	18	15	24	<0.05	6.7	20	<0.07
TP63-2	2.0	23-Sep-16	SE157495 / ASET52924	7	<0.3	18	14	26	<0.05	6.1	20	
TP63-3	3.0	23-Sep-16	SE157495 / ASET52924	19	0.4	18	52	68	0.09	5.9	98	
TP63-4	4.0	23-Sep-16	SE157495 / ASET52924	19	0.5	17	63	79	<0.05	6.4	110	
TP63-5	5.0	23-Sep-16	SE157495 / ASET52924	13	1.1	28	420	1100	0.17	23	530	<0.07
TP64-1	1.0	23-Sep-16	SE157495 / ASET52924	8	<0.3	23	16	27	<0.05	7.2	23	
TP64-2	2.0	23-Sep-16	SE157495 / ASET52924	7	<0.3	22	15	25	<0.05	5.9	19	<0.07
TP64-3	3.0	23-Sep-16	SE157495 / ASET52924	8	0.4	18	22	62	0.10	7.3	95	
TP64-4	4.0	23-Sep-16	SE157495 / ASET52924	7	0.3	21	30	41	<0.05	12	45	<0.07
TP64-5	5.0	23-Sep-16	SE157495 / ASET52924	7	<0.3	12	32	97	0.17	7.5	74	
TP65-1	1.0	23-Sep-16	SE157495 / ASET52924	10	0.4	23	15	25	<0.05	5.7	23	
TP65-2	2.0	23-Sep-16	SE157495 / ASET52924	7	<0.3	20	14	25	<0.05	6.3	22	
TP65-3	3.0	23-Sep-16	SE157495 / ASET52924	15	0.5	11	33	270	0.10	8.7	270	<0.07
TP65-4	4.0	23-Sep-16	SE157495 / ASET52924						0.11			<0.07
TP65-5	5.0	23-Sep-16	SE157495 / ASET52924						0.14			
TP66-1	1.0	23-Sep-16	SE157495 / ASET52924						<0.05			
TP66-2	2.0	23-Sep-16	SE157495 / ASET52924						<0.05			
TP66-3	3.0	23-Sep-16	SE157495 / ASET52924						0.07			<0.07
TP66-4	4.0	23-Sep-16	SE157495 / ASET52924						<0.05			<0.07
TP66-5	5.0	23-Sep-16	SE157495 / ASET52924						0.08			
TP67-1	1.0	23-Sep-16	SE157495 / ASET52924						<0.05			
TP67-2	2.0	23-Sep-16	SE157495 / ASET52924						0.10			
TP67-3	3.0	23-Sep-16	SE157495 / ASET52924						0.65			
TP67-4	4.0	23-Sep-16	SE157495 / ASET52924						<0.05			<0.07
TP67-4-ACM	-	23-Sep-16	ASET52924									
TP67-5	5.0	23-Sep-16	SE157495 / ASET52924						0.08			<0.07
TP68-1	1.0	23-Sep-16	SE157495 / ASET52924						0.09			
TP68-2	2.0	23-Sep-16	SE157495 / ASET52924						0.11			
TP68-3	3.0	23-Sep-16	SE157495 / ASET52924						0.05			<0.07
TP68-4	4.0	23-Sep-16	SE157495 / ASET52924						<0.05			
TP68-5	5.0	23-Sep-16	SE157495 / ASET52924						0.14			<0.07
TP69-1	1.0	23-Sep-16	SE157495 / ASET52924						0.45			
TP69-2	2.0	23-Sep-16	SE157495 / ASET52924						0.08			<0.07
TP69-3	3.0	23-Sep-16	SE157495 / ASET52924						0.28			<0.07
TP69-4	4.0	23-Sep-16	SE157495 / ASET52924						0.07			
TP69-5	5.0	23-Sep-16	SE157495 / ASET52924						0.06			
TP70-1	1.0	23-Sep-16	SE157495 / ASET52924						0.56			0.09
TP70-2	2.0	23-Sep-16	SE157495 / ASET52924						0.06			<0.07
TP70-3	3.0	23-Sep-16	SE157495 / ASET52924						0.63			
TP70-4	4.0	23-Sep-16	SE157495 / ASET52924						0.22			
TP70-5	5.0	23-Sep-16	SE157495 / ASET52924						0.11			
TP71-1	1.0	23-Sep-16	SE157495 / ASET52924						0.61			
TP71-2	2.0	23-Sep-16	SE157495 / ASET52924						0.12			
TP71-3	3.0	23-Sep-16	SE157495 / ASET52924						<0.05			<0.07
TP71-4	4.0	23-Sep-16	SE157495 / ASET52924						<0.05			
TP71-5	5.0	23-Sep-16	SE157495 / ASET52924						0.14			<0.07
TP72-1	1.0	23-Sep-16	SE157495 / ASET52924						0.94			
TP72-2	2.0	23-Sep-16	SE157495 / ASET52924						0.06			<0.07
TP72-3	3.0	23-Sep-16	SE157495 / ASET52924						0.08			<0.07
TP72-4	4.0	23-Sep-16	SE157495 / ASET52924						<0.05			
TP72-5	5.0	23-Sep-16	SE157495 / ASET52924						0.06			
TP73-1	1.0	23-Sep-16	SE157495 / ASET52924						0.12			
TP73-2	2.0	23-Sep-16	SE157495 / ASET52924						0.09			<0.07
TP73-3	3.0	23-Sep-16	SE157495 / ASET52924						0.15			
TP73-4	4.0	23-Sep-16	SE157495 / ASET52924						0.07			<0.07

Table 1 - Analytical Results Summary
Southern Bund Wall Assessment

Sample ID	Depth (m bgl)	Sample Date	Laboratory Report	Heavy Metals								Foreign Materials
				As	Cd	Cr VI	Cu	Pb	Hg	Ni	Zn	
SITE ASSESSMENT CRITERIA												
HIL D Commercial / Industrial (NEPC, 2013)				3000	900	3600	240000	1500	730	6000	400000	-
HSL D Commercial / Industrial 0-<1m, clay(NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 1-<2m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 2-<4m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial +4m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
Management Limits Commercial / Industrial, fine (NEPM, 2013)				-	-	-	-	-	-	-	-	-
EIL D Commercial / Industrial (NEPC, 2013)				160	-	322	287	1812	-	469	648	-
ESL D Commercial / Industrial, clay(NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Direct Contact (Friebel, et al, 2011)				-	-	-	-	-	-	-	-	-
TP73-5	5.0	23-Sep-16	SE157495 / ASET52924						0.10			
TP74-1	1.0	23-Sep-16	SE157495 / ASET52924						0.07			
TP74-2	2.0	23-Sep-16	SE157495 / ASET52924						0.09			
TP74-3	3.0	23-Sep-16	SE157495 / ASET52924						0.09			<0.07
TP74-4	4.0	23-Sep-16	SE157495 / ASET52924						0.19			
TP74-5	5.0	23-Sep-16	SE157495 / ASET52924						0.19			<0.07
TP75-1	1.0	23-Sep-16	SE157495 / ASET52924						<0.05			
TP75-2	2.0	23-Sep-16	SE157495 / ASET52924						<0.05			<0.07
TP75-3	3.0	23-Sep-16	SE157495 / ASET52924						<0.05			
TP75-4	4.0	23-Sep-16	SE157495 / ASET52924						<0.05			<0.07
TP75-5	5.0	23-Sep-16	SE157495 / ASET52924						<0.05			

Table 1 - Analytical Results Summary
Southern Bund Wall Assessment

Sample ID	Depth (m bgl)	Sample Date	Laboratory Report	Heavy Metals								Foreign Materials
				As	Cd	Cr VI	Cu	Pb	Hg	Ni	Zn	
SITE ASSESSMENT CRITERIA												
HIL D Commercial / Industrial (NEPC, 2013)				3000	900	3600	240000	1500	730	6000	400000	-
HSL D Commercial / Industrial 0-<1m, clay(NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 1-<2m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial 2-<4m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Commercial / Industrial +4m, clay (NEPM, 2013)				-	-	-	-	-	-	-	-	-
Management Limits Commercial / Industrial, fine (NEPM, 2013)				-	-	-	-	-	-	-	-	-
EIL D Commercial / Industrial (NEPC, 2013)				160	-	322	287	1812	-	469	648	-
ESL D Commercial / Industrial, clay(NEPM, 2013)				-	-	-	-	-	-	-	-	-
HSL D Direct Contact (Friebel, et al, 2011)				-	-	-	-	-	-	-	-	-
INTRA-LABORATORY DUPLICATES												
TP40-1-A	-	24-Jun-16	148936 / ASET51110	8	<0.4	18	28	91	0.1	15	92	
TP41-1-A	-	24-Jun-16	148936 / ASET51110	5	<0.4	11	17	150	0.1	10	150	
TP42-3-A	-	24-Jun-16	148936 / ASET51110	7	<0.4	16	33	52	<0.1	21	260	
TP44-4-A	-	24-Jun-16	ASET51110									
TP46-1-A	-	24-Jun-16	148936 / ASET51111	7	<0.4	25	14	24	<0.1	8	23	
TP48-1-A	-	24-Jun-16	149385	8	<0.4	17	12	52	0.1	6	51	
TP50-2-A	-	24-Jun-16	149980 / ASET51111	6	<0.4	19	23	48	<0.1	15	67	
TP52-3-A	-	24-Jun-16	149980 / ASET51111	5	<0.4	16	34	68	0.2	14	78	
TP54-2-A	-	24-Jun-16	149385/ASET51111	8	0.4	16	26	14	<0.1	21	61	
TP55-5-A	-	24-Jun-16	ASET51111									
TP56-4A	-	24-Jun-16	149385/ASET51111	10	<0.4	15	25	11	<0.1	18	57	
TP58-1a	-	23-Sep-16	SE157495 / ASET52924	6	<0.3	14	26	47	0.09	8.2	66	
TP61-1a	-	23-Sep-16	SE157495 / ASET52924	7	<0.3	14	19	82	0.07	4.8	78	
TP62-1a	-	23-Sep-16	SE157495 / ASET52924	8	<0.3	18	13	26	<0.05	5.4	18	
TP66-1a	-	23-Sep-16	SE157495 / ASET52924						<0.05			
TP68-1a	-	23-Sep-16	SE157495 / ASET52924						0.12			
TP70-1a	-	23-Sep-16	SE157495 / ASET52924						0.53			
TP71-1a	-	23-Sep-16	SE157495 / ASET52924						1.1			
TP75-1a	-	23-Sep-16	SE157495 / ASET52924						<0.05			
INTER-LABORATORY DUPLICATES												
TP40-1-B	-	24-Jun-16	149164 / SE154541	6	0.9	17	27	110	0.07	12	110	
TP44-4-B	-	24-Jun-16	149164 / SE154541	10	0.6	18	72	84	0.11	9.2	140	
TP46-1-B	-	22-Jun-16	149164 / SE154541	9	0.5	29	14	28	<0.05	6.8	24	
TP48-1-B	-	24-Jun-16	149164 / SE154541	4	0.3	12	13	57	0.13	4.2	76	
TP50-2-B	-	24-Jun-16	149164									
TP54-2-B	-	24-Jun-16	SE154541	10	0.5	18	32	16	<0.05	24	85	
TP55-5-B	-	24-Jun-16	149164									
TP58-1B	-	23-Sep-16	154283	7	<0.4	15	22	50	0.1	10	61	
TP62-1B	-	23-Sep-16	154283	7	<0.4	22	15	30	<0.1	7	23	
TP66-1B	-	23-Sep-16	154283	8	<0.4	26	15	21	<0.1	7	19	
TP70-1B	-	23-Sep-16	154283	47	<0.4	23	63	76	0.9	22	160	
TP75-1B	-	23-Sep-16	154283	10	<0.4	27	17	22	<0.1	10	29	
STATISTICAL ANALYSIS												
Min				5.0	0.3	9.4	12.0	22.0	0.1	2.4	19.0	-
Max				57.0	1.3	28.0	420.0	1100.0	0.9	31.0	610.0	-
Avg				10.4	0.6	17.1	54.4	121.9	0.2	8.8	111.8	-
Stdev				9.8	0.3	4.8	83.8	201.0	0.2	5.4	142.7	-
Procedure B Calculation				-	-	-	-	-	-	-	-	-
95% UCL				-	-	-	-	-	-	-	-	-

* Depth relates to Depth Below Surface Level

NL = Not Limiting

RED = Exceeds HIL Criteria

nd = Not Detected Above Laboratory LOR

Appendix H:
Areas of Environmental Concern (ERM, December 2019)

ERM The business of sustainability

Compiled
TR

Legend

- Site Boundary
- Stage Boundaries
- Outside development area (E2 Conservation)
- Area applicable to revised RAP
- Camide Landfill subject to EMP
- Southern and Eastern Bund walls
- Data Gap areas
- Area covered by 2014 RAP

N

Approximate Scale

0m 60m 120m

Figure Title
Updated RAP AECs

Project Title
Horsley Park Remediation Action Plan

Client
CSR

Project No.	Date	Scale	Figure No.	Revision
0449086	12/12/2019	As Shown	3	Version 2

ERM

Compiled
NN

Legend

- Site Boundary
- Exclusion Zone
- ATA
- Critical Habitat

N

Approximate Scale

0m 150m 300m

Figure Title
Site Layout

Project Title
327-335 Burley Road, Horsley Park

Client
CSR

Project No.	Date	Scale	Figure No.	Revision
0449086	04/06/2018	As Shown	1	Version 1.0

Appendix I:
Validation Analytical Summary Tables
(ERM, September 2020)

ERM The business of sustainability

Compiled
TR

Legend

- Site Boundary
- Stage Boundaries
- Outside development area (E2 Conservation)
- Camide Landfill subject to EMP
- Southern and Eastern Bund walls
- Stage 1 Validated Area
- Unexpected Find Area

N

Approximate Scale

0m 60m 120m

Figure Title
Remediation Areas

Project Title
Horsley Park Remediation Action Plan

Client
CSR

Project No.	Date	Scale	Figure No.	Revision
0449086	12/12/2019	As Shown	4	Version 2

ERM The business of sustainability

Compiled
TR

Legend

- Site Boundary
- Stage Boundaries
- Outside development area (E2 Conservation)
- Camide Landfill subject to EMP
- Stage 1 Validated Area
- Former Dam fill areas
- Mezzanine Area
- New Bund Wall
- Fill Locations within former ATA

N

Approximate Scale

0m 60m 120m

Figure Title
Fill Area Locations

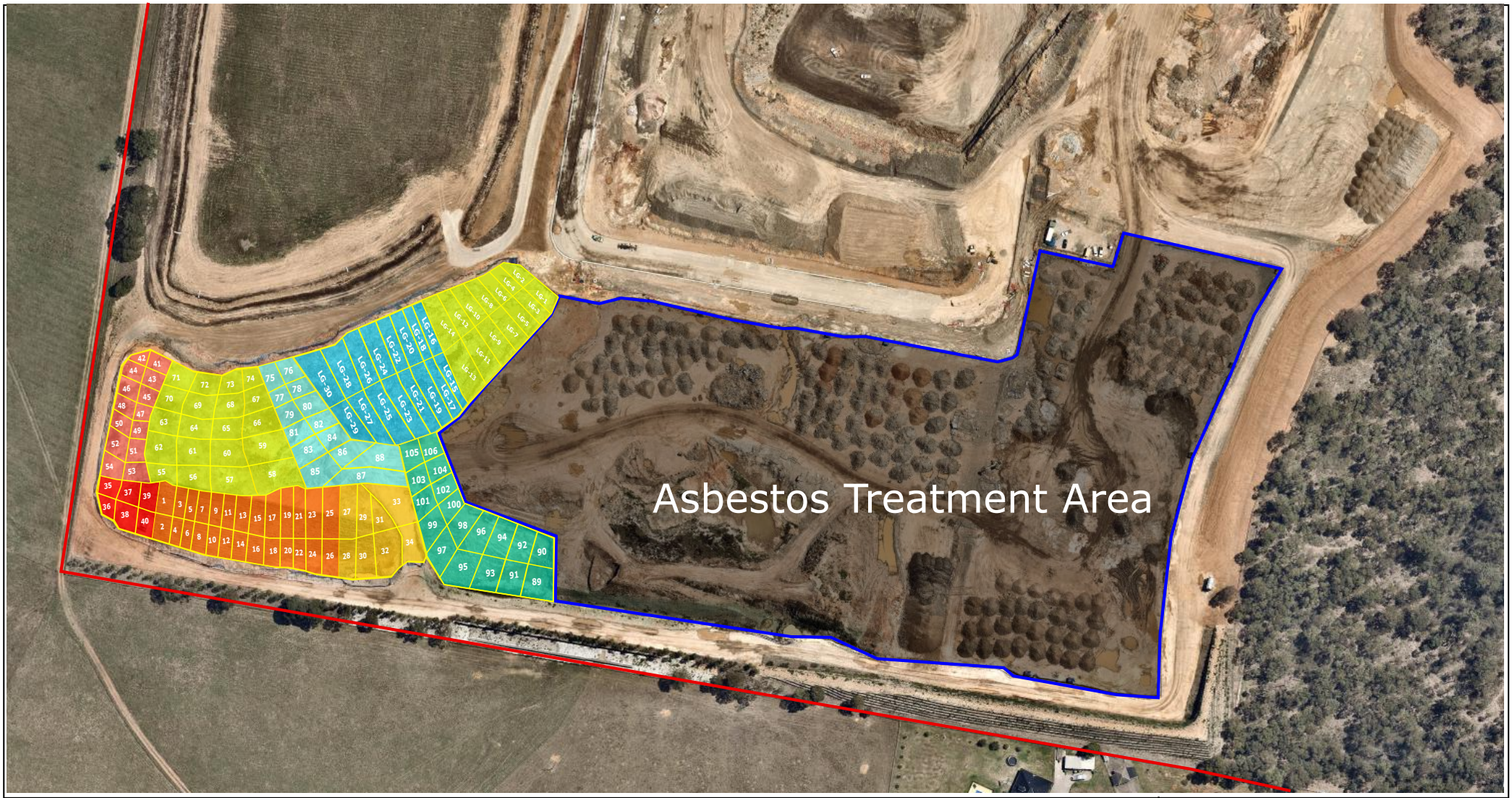
Project Title
Horsley Park Remediation Action Plan

Client
CSR

Project No.	Date	Scale	Figure No.	Revision
0449086	12/12/2019	As Shown	5	Version 4

ERM

Compiled
TR



Legend

- Site Boundary
- Asbestos Treatment Area Boundary
- Clearance Area Sampled on 26/02/2020
- Clearance Area Sampled on 21/01/2020
- Clearance Area Sampled on 13/01/2019
- Clearance Area Sampled on 24/01/2020
- Clearance Area Sampled on 16/01/2020
- Clearance Area Sampled on 17/12/2019
- Clearance Area Sampled on 19/12/2019
- Clearance Area Sampled on 18/12/2019

N

Approximate Scale

0m 50m 100m

Figure Title

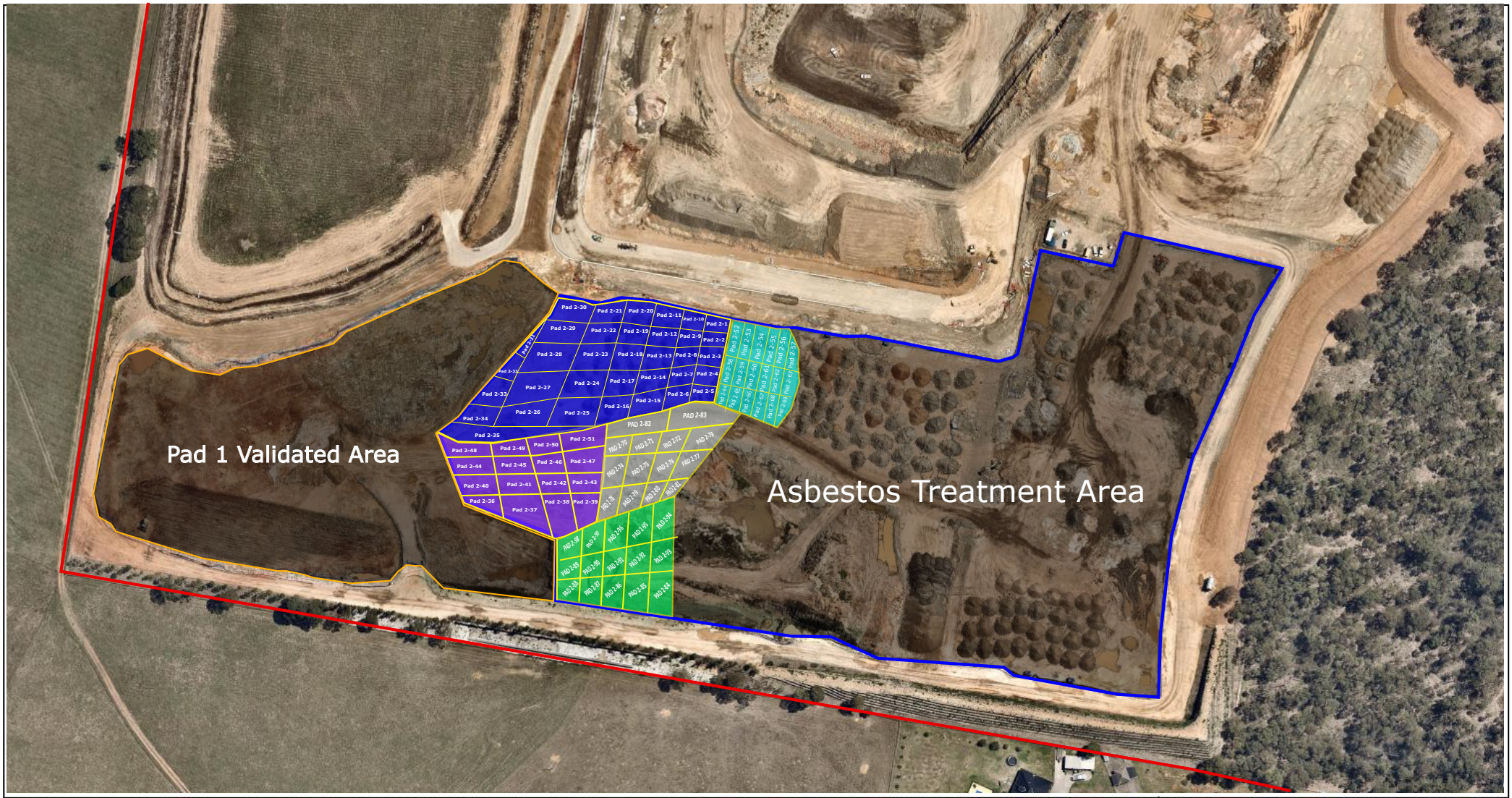
Pad 1 ATA Validation Sample Locations

Project No.	Project Title	Client
0449086	Horsley Park	CSR

Date	Scale	Figure No.	Revision
16/3/2020	As Shown	6a	Version 1.0

ERM

Compiled
TR



Legend

- Site Boundary
- Asbestos Treatment Area Boundary
- Pad 1 Area previously Validated
- Clearance Area Sampled on 26/02/2020
- Clearance Area Sampled on 12/03/2020
- Clearance Area Sampled on 17/04/2020
- Clearance Area Sampled on 29/04/2020
- Clearance Area Sampled on 09/04/2020

N

Approximate Scale

0m 50m 100m

Figure Title

Pad 2 ATA Validation Sample Locations

Project No.	Project Title	Client
0449086	Horsley Park	CSR

Date	Scale	Figure No.	Revision
29/4/2020	As Shown	6b	Version 1.0

ERM

Compiled
TR

Legend

- Site Boundary
- Asbestos Treatment Area Boundary
- Pad 1 Area previously Validated
- Clearance Area Sampled on 5/05/2020
- Clearance Area Sampled on 6/05/2020
- Clearance Area Sampled on 19/05/2020
- Clearance Area Sampled on 4/06/2020
- Clearance Area Sampled on 09/06/2020
- Clearance Area Sampled on 22/06/2020

N

Approximate Scale

0m 50m 100m

Figure Title

Pad 3 ATA Validation Sample Locations

Project No.	Project Title	Client
0449086	Horsley Park	CSR

Date	Scale	Figure No.	Revision
22/6/2020	As Shown	6c	Version 1.0

ERM

Compiled
TR

Legend

- Site Boundary
- Asbestos Treatment Area Boundary
- Pad 1, 2, 3 Area previously Validated
- Clearance Area Sampled on 4/06/2020
- Clearance Area Sampled on 10/06/2020
- Clearance Area Sampled on 11/06/2020
- Clearance Area Sampled on 12/06/2020
- Clearance Area Sampled on 12/06/2020
- Clearance Area Sampled on 23/06/2020
- Clearance Area Sampled on 26/06/2020

N

Approximate Scale

0m 50m 100m

Figure Title

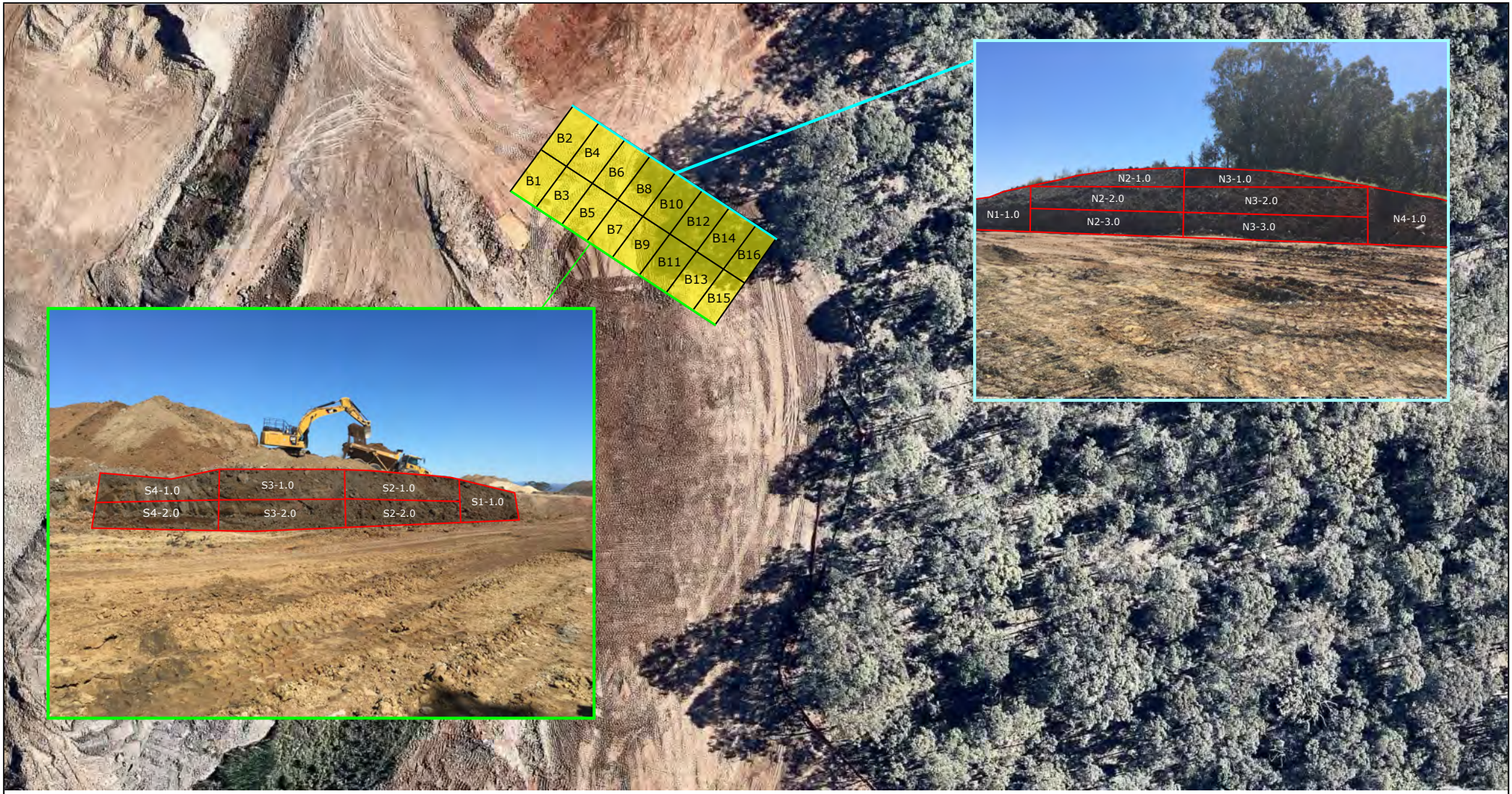
Pad 4 ATA Validation Sample Locations

Project No.	Project Title	Client
0449086	Horsley Park	CSR

Date	Scale	Figure No.	Revision
30/6/2020	As Shown	6d	Version 1.0

ERM

Compiled
TR



Legend

- Footprint Validation Sample Locations
- Wall Validation Sample Locations

N

Approximate Scale

0m 10m 20m

Figure Title
UFEBP10 Sample Locations

Project Title	Client
Horsley Park	CSR

Project No.	Date	Scale	Figure No.	Revision
DL0449086	18/10/2019	As Shown	7	Version 1.0

ERM

Compiled
TR

Legend

- Approximate Stage 2A Site Boundary
- Wider Development Boundary
- Test Pit Locations

N

Approximate Scale

0m 50m 100m

Figure Title
Bund Wall Test Pit Locations

Project Title
Horsley Park

Client
CSR

Project No.	Date	Scale	Figure No.	Revision
0449086	12/08/2020	As Shown	8	Version 1.0

Appendix J:
Validation Sample Location Plans (ERM, September 2020)

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
					2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
					mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL					0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																										
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial									100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP38-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
					2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
					mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL					0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																										
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial									100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP45-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-4	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP48-5	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP49-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49-2	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP49-3	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP49-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP49-5	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP50-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP50-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP50-3	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP50-4	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP50-5	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP51-1	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP51-2	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP51-3	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP51-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP51-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP52-1	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP52-2	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
					2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
					mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL					0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																										
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial									100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP52-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP52-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP52-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP53-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP53-2	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP53-3	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP53-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP53-5	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP54-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP54-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP54-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP54-4	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP54-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-4	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56-4	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-4	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP58-1	23/09/2016	SE157495		Normal	-	-	570	-	-	-	-	-	<100	<110	<0.1	<0.1	0.9	0.4	9.2	<0.2	<0.6	-	-	-	-	-
TP58-2	23/09/2016	SE157495		Normal	<0.1	<0.2	860	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.4	0.3	4.4	<0.2	<0.6	-	-	-	-	-	-
TP58-3	23/09/2016	SE157495		Normal	-	-	710	-	-	-	-	-	<100	<110	<0.1	<0.1	0.3	0.2	2.6	<0.2	<0.6	-	-	-	-	-	-
TP58-4	23/09/2016	SE157495		Normal	<0.1	<0.2	250	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP58-5	23/09/2016	SE157495		Normal	-	-	200	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP59-1	23/09/2016	SE157495		Normal	<0.1	<0.2	480	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.4	0.2	4.5	<0.2	<0.6	-	-	-	-	-	-
TP59-2	23/09/2016	SE157495		Normal	-	-	270	-	-	-	-	-	<100	<110	<0.1	<0.1	3.3	1.3	25	<0.2	<0.6	-	-	-	-	-	-
TP59-3	23/09/2016	SE157495		Normal	<0.1	<0.2	240	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.8	0.5	9.5	<0.2	<0.6	-	-	-	-	-	-

									ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																							
NEPM (1999) EIL - Commercial/Industrial																							
NEPM (1999) ESL - Commercial/Industrial (fine)																							
NEPM (1999) HIL D - Commercial/Industrial					100										4000								
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																				
TP59-4	23/09/2016	SE157495		Normal	-	-	320	-	-	-	-	-	<100	<110	<0.1	<0.1	1.8	1	22	<0.2	<0.6	-	-	-	-	-	-
TP59-5	23/09/2016	SE157495		Normal	<0.1	<0.2	450	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.2	0.1	1.4	<0.2	<0.6	-	-	-	-	-	-
TP60-1	23/09/2016	SE157495		Normal	-	-	95	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP60-2	23/09/2016	SE157495		Normal	<0.1	<0.2	480	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.7	0.4	7.2	<0.2	<0.6	-	-	-	-	-	-
TP60-3	23/09/2016	SE157495		Normal	-	-	290	-	-	-	-	-	<100	<110	<0.1	<0.1	0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP60-4	23/09/2016	SE157495		Normal	<0.1	<0.2	280	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.3	0.2	2.8	<0.2	<0.6	-	-	-	-	-	-
TP60-5	23/09/2016	SE157495		Normal	-	-	330	-	-	-	-	-	<100	<110	<0.1	<0.1	0.3	0.2	4.4	<0.2	<0.6	-	-	-	-	-	-
TP61-1	23/09/2016	SE157495		Normal	-	-	210	-	-	-	-	-	<100	<110	<0.1	<0.1	0.4	0.3	4	<0.2	<0.6	-	-	-	-	-	-
TP61-2	23/09/2016	SE157495		Normal	<0.1	<0.2	450	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.3	0.2	3.9	<0.2	<0.6	-	-	-	-	-	-
TP61-3	23/09/2016	SE157495		Normal	-	-	400	-	-	-	-	-	<100	<110	<0.1	<0.1	0.2	0.2	2.6	<0.2	<0.6	-	-	-	-	-	-
TP61-4	23/09/2016	SE157495		Normal	<0.1	<0.2	270	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP61-5	23/09/2016	SE157495		Normal	-	-	280	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP62-1	23/09/2016	SE157495		Normal	-	-	70	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP62-2	23/09/2016	SE157495		Normal	<0.1	<0.2	40	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP62-3	23/09/2016	SE157495		Normal	-	-	580	-	-	-	-	-	<100	330	0.1	0.1	0.7	0.4	7.7	<0.2	<0.6	-	-	-	-	-	-
TP62-4	23/09/2016	SE157495		Normal	<0.1	<0.2	320	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.6	0.4	6.3	<0.2	<0.6	-	-	-	-	-	-
TP62-5	23/09/2016	SE157495		Normal	-	-	350	-	-	-	-	-	<100	310	<0.1	0.1	1.4	0.7	13	<0.2	<0.6	-	-	-	-	-	-
TP63-1	23/09/2016	SE157495		Normal	<0.1	<0.2	81	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP63-2	23/09/2016	SE157495		Normal	-	-	100	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP63-3	23/09/2016	SE157495		Normal	<0.1	<0.2	750	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.4	0.2	4.5	<0.2	<0.6	-	-	-	-	-	-
TP63-4	23/09/2016	SE157495		Normal	-	-	1000	-	-	-	-	-	<100	<110	<0.1	<0.1	0.6	0.3	7.8	<0.2	<0.6	-	-	-	-	-	-
TP63-5	23/09/2016	SE157495		Normal	<0.1	<0.2	390	<0.1	<0.1	<0.1	<0.1	<0.1	<100	1300	<0.1	<0.1	1	0.5	8.4	<0.2	<0.6	-	-	-	-	-	-
TP64-1	23/09/2016	SE157495		Normal	-	-	68	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP64-2	23/09/2016	SE157495		Normal	<0.1	<0.2	61	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP64-3	23/09/2016	SE157495		Normal	-	-	240	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP64-4	23/09/2016	SE157495		Normal	<0.1	<0.2	120	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP64-5	23/09/2016	SE157495		Normal	-	-	290	-	-	-	-	-	<100	<110	<0.1	<0.1	0.6	0.3	5.7	<0.2	<0.6	-	-	-	-	-	-
TP65-1	23/09/2016	SE157495		Normal	<0.1	<0.2	77	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP65-2	23/09/2016	SE157495		Normal	-	-	67	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP65-3	23/09/2016	SE157495		Normal	<0.1	<0.2	280	<0.1	<0.1	<0.1	<0.1	<0.1	<100	150	<0.1	<0.1	2.8	1.8	30	<0.2	<0.6	-	-	-	-	-	-
TP65-4	23/09/2016	SE157495		Normal	-	-	580	-	-	-	-	-	<100	<110	<0.1	<0.1	0.3	0.2	3.1	<0.2	<0.6	-	-	-	-	-	-
TP65-5	23/09/2016	SE157495		Normal	<0.1	<0.2	820	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.6	0.4	6.5	<0.2	<0.6	-	-	-	-	-	-
TP66-1	23/09/2016	SE157495		Normal	-	-	56	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP66-2	23/09/2016	SE157495		Normal	<0.1	<0.2	67	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP66-3	23/09/2016	SE157495		Normal	-	-	230	-	-	-	-	-	<100	<110	<0.1	<0.1	0.9	0.5	11	<0.2	<0.6	-	-	-	-	-	-
TP66-4	23/09/2016	SE157495		Normal	<0.1	<0.2	180	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.4	0.3	4.2	<0.2	<0.6	-	-	-	-	-	-

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB						
										2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
										mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL										0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																																
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																																
NEPM (1999) HIL D - Commercial/Industrial														100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																												
TP66-5	23/09/2016	SE157495		Normal	-	-	94	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP67-1	23/09/2016	SE157495		Normal	<0.1	<0.2	550	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP67-2	23/09/2016	SE157495		Normal	-	-	220	-	-	-	-	-	<100	<110	<0.1	<0.1	0.4	0.2	2.8	<0.2	<0.6	-	-	-	-	-	-
TP67-3	23/09/2016	SE157495		Normal	<0.1	<0.2	440	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.3	0.2	2.5	<0.2	<0.6	-	-	-	-	-	-
TP67-4	23/09/2016	SE157495		Normal	-	-	240	-	-	-	-	-	<100	<110	<0.1	<0.1	0.2	0.1	2.3	<0.2	<0.6	-	-	-	-	-	-
TP67-5	23/09/2016	SE157495		Normal	<0.1	<0.2	360	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.8	0.4	11	<0.2	<0.6	-	-	-	-	-	-
TP68-1	23/09/2016	SE157495		Normal	-	-	510	-	-	-	-	-	<100	<110	<0.1	<0.1	0.7	0.3	6.5	<0.2	<0.6	-	-	-	-	-	-
TP68-2	23/09/2016	SE157495		Normal	<0.1	<0.2	390	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.3	0.2	2.7	<0.2	<0.6	-	-	-	-	-	-
TP68-3	23/09/2016	SE157495		Normal	-	-	550	-	-	-	-	-	<100	<110	<0.1	<0.1	0.2	0.1	1.8	<0.2	<0.6	-	-	-	-	-	-
TP68-4	23/09/2016	SE157495		Normal	<0.1	<0.2	240	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP68-5	23/09/2016	SE157495		Normal	-	-	420	-	-	-	-	-	<100	<110	<0.1	<0.1	0.1	<0.1	1	<0.2	<0.6	-	-	-	-	-	-
TP69-1	23/09/2016	SE157495		Normal	<0.1	<0.2	450	<0.1	<0.1	<0.1	<0.1	<0.1	<100	340	<0.1	<0.1	2.3	1.1	23	<0.2	<0.6	-	-	-	-	-	-
TP69-2	23/09/2016	SE157495		Normal	-	-	1400	-	-	-	-	-	<100	<110	<0.1	<0.1	0.3	0.1	2.1	<0.2	<0.6	-	-	-	-	-	-
TP69-3	23/09/2016	SE157495		Normal	-	-	430	-	-	-	-	-	<100	<110	<0.1	<0.1	0.3	0.2	2.7	<0.2	<0.6	-	-	-	-	-	-
TP69-4	23/09/2016	SE157495		Normal	<0.1	<0.2	220	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	1.3	0.5	13	<0.2	<0.6	-	-	-	-	-	-
TP69-5	23/09/2016	SE157495		Normal	-	-	330	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP70-1	23/09/2016	SE157495		Normal	-	-	920	-	-	-	-	-	<100	<110	<0.1	<0.1	0.6	0.3	5.9	<0.2	<0.6	-	-	-	-	-	-
TP70-2	23/09/2016	SE157495		Normal	<0.1	<0.2	1000	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP70-3	23/09/2016	SE157495		Normal	-	-	370	-	-	-	-	-	<100	<110	<0.1	<0.1	0.9	0.5	9.2	<0.2	<0.6	-	-	-	-	-	-
TP70-4	23/09/2016	SE157495		Normal	<0.1	<0.2	950	<0.1	<0.1	<0.1	<0.1	<0.1	<100	140	<0.1	<0.1	1.9	1.1	19	<0.2	<0.6	-	-	-	-	-	-
TP70-5	23/09/2016	SE157495		Normal	-	-	350	-	-	-	-	-	<100	110	<0.1	<0.1	0.7	0.4	7.9	<0.2	<0.6	-	-	-	-	-	-
TP71-1	23/09/2016	SE157495		Normal	-	-	340	-	-	-	-	-	<100	<110	<0.1	<0.1	0.7	0.3	5.9	<0.2	<0.6	-	-	-	-	-	-
TP71-2	23/09/2016	SE157495		Normal	<0.1	<0.2	560	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.3	0.1	2.3	<0.2	<0.6	-	-	-	-	-	-
TP71-3	23/09/2016	SE157495		Normal	-	-	290	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP71-4	23/09/2016	SE157495		Normal	<0.1	<0.2	220	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP71-5	23/09/2016	SE157495		Normal	-	-	450	-	-	-	-	-	<100	<110	<0.1	<0.1	0.6	0.3	5.1	<0.2	<0.6	-	-	-	-	-	-
TP72-1	23/09/2016	SE157495		Normal	<0.1	<0.2	280	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	0.4	0.2	3.7	<0.2	<0.6	-	-	-	-	-	-
TP72-2	23/09/2016	SE157495		Normal	-	-	600	-	-	-	-	-	<100	<110	<0.1	<0.1	0.3	0.1	2.3	<0.2	<0.6	-	-	-	-	-	-
TP72-3	23/09/2016	SE157495		Normal	<0.1	<0.2	390	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-
TP72-4	23/09/2016	SE157495		Normal	-	-	330	-	-	-	-	-	<100	<110	<0.1	<0.1	0.3	0.1	2.2	<0.2	<0.6	-	-	-	-	-	-
TP72-5	23/09/2016	SE157495		Normal	<0.1	<0.2	650	<0.1	<0.1	<0.1	<0.1	<0.1	<100	120	<0.1	<0.1	0.2	<0.1	1.6	<0.2	<0.6	-	-	-	-	-	-
TP73-1	23/09/2016	SE157495		Normal	-	-	250	-	-	-	-	-	<100	<110	<0.1	<0.1	0.4	0.2	4	<0.2	<0.6	-	-	-	-	-	-
TP73-2	23/09/2016	SE157495		Normal	-	-	500	-	-	-	-	-	<100	<110	<0.1	<0.1	0.6	0.2	4.7	<0.2	<0.6	-	-	-	-	-	-
TP73-3	23/09/2016	SE157495		Normal	<0.1	<0.2	420	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	1.2	0.4	11	<0.2	<0.6	-	-	-	-	-	-
TP73-4	23/09/2016	SE157495		Normal	-	-	800	-	-	-	-	-	<100	<110	<0.1	<0.1	0.5	0.2	4	<0.2	<0.6	-	-	-	-	-	-
TP73-5	23/09/2016	SE157495		Normal	<0.1	<0.2	580	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
										2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
										mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL										0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																																
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																																
NEPM (1999) HIL D - Commercial/Industrial														100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																												
TP74-1	23/09/2016	SE157495		Normal	-	-	190	-	-	-	-	-	<100	<110	<0.1	<0.1	0.4	0.1	2.7	<0.2	<0.6	-	-	-	-	-	-						
TP74-2	23/09/2016	SE157495		Normal	<0.1	<0.2	310	<0.1	<0.1	<0.1	<0.1	<0.1	<100	130	<0.1	<0.1	6.9	2.2	59	<0.2	<0.6	-	-	-	-	-	-						
TP74-3	23/09/2016	SE157495		Normal	-	-	270	-	-	-	-	-	<100	<110	<0.1	<0.1	0.5	0.2	3.4	<0.2	<0.6	-	-	-	-	-	-						
TP74-4	23/09/2016	SE157495		Normal	<0.1	<0.2	700	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	2.3	0.7	19	<0.2	<0.6	-	-	-	-	-	-						
TP74-5	23/09/2016	SE157495		Normal	-	-	720	-	-	-	-	-	<100	140	<0.1	<0.1	3.3	1	29	<0.2	<0.6	-	-	-	-	-	-						
TP75-1	23/09/2016	SE157495		Normal	-	-	220	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-						
TP75-2	23/09/2016	SE157495		Normal	<0.1	<0.2	630	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-						
TP75-3	23/09/2016	SE157495		Normal	-	-	430	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-						
TP75-4	23/09/2016	SE157495		Normal	<0.1	<0.2	560	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-						
TP75-5	23/09/2016	SE157495		Normal	-	-	580	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-	-	-	-						
TP-52-10	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-52-11	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-52-6	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-52-7	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-52-8	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-52-9	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-72-10	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-72-11	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-72-6	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-72-7	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-72-8	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-72-9	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
TP-50_10	17/10/2018	203512	10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-50_6	17/10/2018	203512	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-50_7	17/10/2018	203512	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-50_8	17/10/2018	203512	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-50_9	17/10/2018	203512	9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-69_10	17/10/2018	203512	10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-69_6	17/10/2018	203512	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-69_7	17/10/2018	203512	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-69_8	17/10/2018	203512	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-69_9	17/10/2018	203512	9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-70_10	17/10/2018	203512	10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-70_6	17/10/2018	203512	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-70_7	17/10/2018	203512	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						
TP-70_8	17/10/2018	203512	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-						

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
					2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
					mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL					0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																										
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial									100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP-70_9	17/10/2018	203512	9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP-71_10	17/10/2018	203512	10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP-71_6	17/10/2018	203512	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP-71_7	17/10/2018	203512	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP-71_8	17/10/2018	203512	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP-71_9	17/10/2018	203512	9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP49_10	25/10/2018	204105	10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_6	25/10/2018	204105	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_7	25/10/2018	204105	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_8	25/10/2018	204105	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_9	25/10/2018	204105	9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68_10	25/10/2018	204105	10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68_11	25/10/2018	204105	11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68_6	25/10/2018	204105	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68_7	25/10/2018	204105	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68_8	25/10/2018	204105	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68_9	25/10/2018	204105	9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-10.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-6.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-7.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-8.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-9.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-10.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-6.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-7.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-8.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-9.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-10.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-6.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-7.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-8.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-9.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-7	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
					2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
					mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL					0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																										
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial									100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP44-9	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-7	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-9	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-7	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-9	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-7	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-9	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-7	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-9	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-7	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-9	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EB-1	20/06/2019	220093		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
EB-2	20/06/2019	220093		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
EB-3	20/06/2019	220093		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
EB-4	20/06/2019	220093		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
EB-5	20/06/2019	220093		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP73-10	28/06/2019	220692	10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-6	28/06/2019	220692	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-7	28/06/2019	220692	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-8	28/06/2019	220692	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-9	28/06/2019	220692	9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
										2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
										mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL										0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																																
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																																
NEPM (1999) HIL D - Commercial/Industrial														100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																												
EB-10	17/07/2019	221918		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-11	17/07/2019	221918		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-12	17/07/2019	221918		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-13	17/07/2019	221918		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-14	17/07/2019	221918		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-15	17/07/2019	221918		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-6	17/07/2019	221918		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-7	17/07/2019	221918		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-8	17/07/2019	221918		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-9	17/07/2019	221918		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-16	1/08/2019	223004		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-17	1/08/2019	223004		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-18	1/08/2019	223004		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-19	1/08/2019	223004		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-20	1/08/2019	223004		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB21	9/08/2019	223636		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB22	9/08/2019	223636		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB23	9/08/2019	223636		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB24	9/08/2019	223636		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB25	9/08/2019	223636		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-26	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-27	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-28	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-29	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB-30	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
TP53-10	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
TP53-6	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
TP53-7	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
TP53-8	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
TP53-9	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
TP74-10	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
TP74-6	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
TP74-7	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
TP74-8	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
TP74-9	22/08/2019	224601		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-
EB31	3/09/2019	225351	1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-	-

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
					2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
					mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL					0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																										
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial									100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
EB32	3/09/2019	225351	1	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
EB33	3/09/2019	225351	3	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
EB34	3/09/2019	225351	4	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
EB35	3/09/2019	225351	5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
EB36	3/10/2019	227648		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
EB37	3/10/2019	227648		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_Surface 1	16/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_Surface 2	16/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_Surface 3	16/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_Surface 4	16/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP56_6.0	18/10/2019	228813		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56_7.0	18/10/2019	228813		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56_8.0	18/10/2019	228813		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56_9.0	18/10/2019	228813		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UFEBP10_1	18/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_10	18/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_2	18/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_3	18/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_4	18/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_5	18/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_6	18/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_7	18/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_8	18/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
UFEBP10_9	18/10/2019	228806		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP43_6.0	23/10/2019	229078		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55_6.0	23/10/2019	229078		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55_7.0	23/10/2019	229078		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43_10.0	28/10/2019	229470		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43_7.0	28/10/2019	229470		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43_8.0	28/10/2019	229470		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43_9.0	28/10/2019	229470		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63_6.0	28/10/2019	229470		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63_7.0	28/10/2019	229470		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63_10.0	29/10/2019	229507		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63_8.0	29/10/2019	229507		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63_9.0	29/10/2019	229507		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
					2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
					mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL					0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																										
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial									100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP55-8.0	31/10/2019	229995		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP55-8.5	31/10/2019	229995		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP55-9.0	31/10/2019	229995		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP42_6	1/11/2019	229991	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP42_6.5	1/11/2019	229991	6.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP42_7	1/11/2019	229991	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP42_7.5	1/11/2019	229991	7.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP42_8	1/11/2019	229991	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP54_6	7/11/2019	230418	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP54_6.5	7/11/2019	230418	6.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP54_7	7/11/2019	230418	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP54_7.5	7/11/2019	230418	7.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP54_8	7/11/2019	230418	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP56_9.5	7/11/2019	230418	9.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP62_6	7/11/2019	230418	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP62_6.5	7/11/2019	230418	6.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP62_7	7/11/2019	230418	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP62_7.5	7/11/2019	230418	7.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP62_8	7/11/2019	230418	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP61-6.0	13/11/2019	230804	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP61-6.5	13/11/2019	230804	6.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP61-7.0	13/11/2019	230804	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP61-7.5	13/11/2019	230804	7.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP61-8.0	13/11/2019	230804	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP41_6	29/11/2019	231950	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP41_6.5	29/11/2019	231950	6.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP41_7	29/11/2019	231950	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP41_7.5	29/11/2019	231950	7.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP41_8	29/11/2019	231950	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP40_5.5	9/12/2019	232787		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP40_6.0	9/12/2019	232787		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP40_6.5	9/12/2019	232787		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP40_7.0	9/12/2019	232787		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP40_7.5	9/12/2019	232787		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP60_5.5	9/12/2019	232787		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-
TP60_6.0	9/12/2019	232787		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-	-

										ES_EPA418		ES_EPA8100					ES_EPA8260		ES_INHOUSE_ASB					
					2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
					mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL					0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																										
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial									100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP60_6.5	9/12/2019	232787		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP60_7.0	9/12/2019	232787		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP60_7.5	9/12/2019	232787		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP38_6	17/12/2019	233502	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP38_6.5	17/12/2019	233502	6.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP38_7	17/12/2019	233502	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP38_7.5	17/12/2019	233502	7.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP38_8	17/12/2019	233502	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP39_6	17/12/2019	233502	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP39_6.5	17/12/2019	233502	6.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP39_7	17/12/2019	233502	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP39_7.5	17/12/2019	233502	7.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP39_8	17/12/2019	233502	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP58_6	17/12/2019	233502	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP58_6.5	17/12/2019	233502	6.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP58_7	17/12/2019	233502	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP58_7.5	17/12/2019	233502	7.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP58_8	17/12/2019	233502	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP59_6	17/12/2019	233502	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP59_6.5	17/12/2019	233502	6.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP59_7	17/12/2019	233502	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP59_7.5	17/12/2019	233502	7.5	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
TP59_8	17/12/2019	233502	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-	-	-
UFH4SP1-1	15/05/2020	ES2016971		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4SP1-10	15/05/2020	ES2016971		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	2	<0.5	<0.2	-	-	-	-	-	-
UFH4SP1-2	15/05/2020	ES2016971		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	1.3	<0.5	<0.2	-	-	-	-	-	-
UFH4SP1-3	15/05/2020	ES2016971		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4SP1-4	15/05/2020	ES2016971		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4SP1-5	15/05/2020	ES2016971		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4SP1-6	15/05/2020	ES2016971		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4SP1-7	15/05/2020	ES2016971		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4SP1-8	15/05/2020	ES2016971		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4SP1-9	15/05/2020	ES2016971		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4-SP2-1	6/07/2020	ES2023317		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4-SP2-10	6/07/2020	ES2023317		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4-SP2-2	6/07/2020	ES2023317		Normal	-	-	-	-	-	-	-	-	-	230	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-

										ES_EPA418		ES_EPA8100						ES_EPA8260		ES_INHOUSE_ASB					
										2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	trans-Nonachlor	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample
										mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w	%w/w	%w/w	g
EQL										0.1	0.2	1	0.1	0.1	0.1	0.1	0.1	100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2						
CRC Care (2011) Direct Contact HSL D - Comm/Ind																																
NEPM (1999) EIL - Commercial/Industrial																																
NEPM (1999) ESL - Commercial/Industrial (fine)																																
NEPM (1999) HIL D - Commercial/Industrial														100										4000							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																																
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																												
UFH4-SP2-3	6/07/2020	ES2023317		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4-SP2-4	6/07/2020	ES2023317		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	1.5	<0.5	<0.2	-	-	-	-	-	-
UFH4-SP2-5	6/07/2020	ES2023317		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4-SP2-6	6/07/2020	ES2023317		Normal	-	-	-	-	-	-	-	-	-	620	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4-SP2-7	6/07/2020	ES2023317		Normal	-	-	-	-	-	-	-	-	-	630	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4-SP2-8	6/07/2020	ES2023317		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
UFH4-SP2-9	6/07/2020	ES2023317		Normal	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-	-	-
Statistical Summary																																
Number of Results					41	41	90	41	41	41	41	41	90	110	90	90	110	110	110	269	110	0	0	0	0	0	0
Number of Detects					0	0	90	0	0	0	0	0	0	13	1	2	61	56	61	0	0	0	0	0	0	0	0
Minimum Concentration					<0.1	<0.2	40	<0.1	<0.1	<0.1	<0.1	<0.1	<100	<50	<0.1	<0.1	<0.1	<0.1	<0.5	<0.2	<0.2	99999	99999	99999	99999	99999	99999
Minimum Detect					ND	ND	40	ND	ND	ND	ND	ND	ND	110	0.1	0.1	0.1	0.1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration					<0.1	<0.2	1400	<0.1	<0.1	<0.1	<0.1	<0.1	<100	1300	0.1	0.1	6.9	2.2	59	<2	<0.6	0	0	0	0	0	0
Maximum Detect					ND	ND	1400	ND	ND	ND	ND	ND	ND	1300	0.1	0.1	6.9	2.2	59	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration					0.05	0.1	400	0.05	0.05	0.05	0.05	0.05	50	85	0.051	0.051	0.52	0.27	4.6	0.64	0.26						
Median Concentration					0.05	0.1	345	0.05	0.05	0.05	0.05	0.05	50	55	0.05	0.05	0.25	0.2	1.9	1	0.3						
Standard Deviation					0	0	254	0	0	0	0	0	0	148	0.0053	0.0074	0.88	0.34	8.1	0.43	0.077						
Number of Guideline Exceedances					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

				ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil															
		AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
		g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind							11000																
NEPM (1999) EIL - Commercial/Industrial							170																
NEPM (1999) ESL - Commercial/Industrial (fine)														1.4									
NEPM (1999) HIL D - Commercial/Industrial																40							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m							NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+							NL																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																							
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
TP38-1	24/06/2016	148936		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP38-2	24/06/2016	148936		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP38-3	24/06/2016	148936		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.5	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	<0.1	<0.1
TP38-4	24/06/2016	148936		Normal	-	-	-	-	9.1	<0.1	<0.1	0.2	1	<0.1	0.5	0.5	0.6	0.7	0.7	0.8	0.3	0.5	<0.1	0.3	0.5
TP38-5	24/06/2016	148936		Normal	-	-	-	-	9	<0.1	<0.1	<0.1	0.1	0.5	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	0.1	0.3
TP39-1	24/06/2016	148936		Normal	-	-	-	-	9.3	<0.1	<0.1	<0.1	0.1	0.8	<0.1	0.3	0.3	<0.5	0.5	0.6	0.6	0.2	0.3	<0.1	0.2	0.4
TP39-2	24/06/2016	148936		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	0.06	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP39-3	24/06/2016	148936		Normal	-	-	-	-	9.8	<0.1	<0.1	<0.1	0.2	0.8	<0.1	0.4	0.5	0.6	0.7	0.7	0.7	0.3	0.4	<0.1	0.3	0.4
TP39-4	24/06/2016	148936		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.3	0.4	<0.5	0.5	0.6	0.5	0.4	0.2	<0.1	0.3	0.1
TP39-5	24/06/2016	148936		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.2	<0.5	<0.5	<0.5	0.2	0.2	0.1	<0.1	0.1	<0.1
TP40-1	24/06/2016	148936		Normal	-	-	-	-	9.5	<0.1	<0.1	0.5	1.1	6	0.2	2.8	2.6	3.8	3.8	3.8	4.1	1.4	2.1	0.4	1.6	3.6
TP40-2	24/06/2016	148936		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	0.2	0.8	<0.1	0.4	0.55	0.7	0.8	0.8	0.9	0.3	0.4	<0.1	0.3	0.4
TP40-3	24/06/2016	148936		Normal	-	-	-	-	14	<1 - 0.2	0.4	4	5.4	20	4.4	7.5	5.7	8.5	8.5	8.5	9.4	2.3	5.3	0.7	2.9	26
TP40-4	24/06/2016	148936		Normal	-	-	-	-	8.7	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.5	<0.5	<0.5	0.2	<0.1	0.1	<0.1	<0.1	<0.1
TP40-5	24/06/2016	148936		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	0.2	1.1	<0.1	0.6	0.57	0.8	0.8	0.9	0.9	0.2	0.5	<0.1	0.3	0.4
TP41-1	24/06/2016	148936		Normal	-	-	-	-	13	<1 - 0.2	<0.1	0.5	0.7	4.6	0.3	2.6	2.3	3.4	3.4	3.4	3.5	1.3	1.8	0.3	1.4	2.1
TP41-2	24/06/2016	148936		Normal	-	-	-	-	16	<1 - 0.1	<0.1	<0.1	0.4	1.6	0.1	0.9	0.71	1.1	1.1	1.1	1	0.4	0.7	0.1	0.4	1.2
TP41-3	24/06/2016	148936		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP41-4	24/06/2016	148936		Normal	-	-	-	-	11	<1 - 0.1	<0.1	0.5	0.7	1.4	0.6	1	0.62	0.9	0.9	1	1	0.3	0.6	<0.1	0.3	1.6
TP41-5	24/06/2016	148936		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP42-1	24/06/2016	148936		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP42-2	24/06/2016	148936		Normal	-	-	-	-	14	<1 - 0.1	0.1	0.3	1.2	4.4	0.8	1.9	1.5	2.2	2.2	2.2	2.5	0.7	1.5	0.2	0.8	4.8
TP42-3	24/06/2016	148936		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	0.1	<0.5	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	<0.1
TP42-4	24/06/2016	148936		Normal	-	-	-	-	17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP42-5	24/06/2016	148936		Normal	-	-	-	-	17	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	<0.1	0.1	<0.1	0.1	<0.1
TP43-1	24/06/2016	148936		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP43-2	24/06/2016	148936		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.3	<0.1	0.2	<0.1	<0.1	<0.1
TP43-3	24/06/2016	148936		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	0.1	0.6	<0.1	0.3	0.3	<0.5	<0.5	<0.5	0.5	0.2	0.3	<0.1	0.2	0.2
TP43-4	24/06/2016	148936		Normal	-	-	-	-	13	<1 - 0.1	<0.1	<0.1	0.1	0.6	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.1	0.3	<0.1	<0.1	0.5
TP43-5	24/06/2016	148936		Normal	-	-	-	-	12	<1 - 0.1	<0.1	0.1	0.4	2.1	<0.1	1.4	1.3	1.9	1.9	1.9	2.1	0.8	1	0.1	0.8	0.8
TP44-1	24/06/2016	148936		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP44-2	24/06/2016	148936		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP44-3	24/06/2016	148936		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.07	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP44-4	24/06/2016	148936		Normal	-	-	-	-	11	<1 - 0.3	0.3	2.7	5.1	20	1.5	11	9.8	15	15	15	16	4.1	8.6	1.5	4.8	22
TP44-5	24/06/2016	148936		Normal	-	-	-	-	14	<0.1	<0.1	0.4	1	5.9	0.2	3	2.5	3.6	3.6	3.6	4	1	2.1	0.2	1.1	3.3
TP45-1	24/06/2016	148936		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1

			ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil																
	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
	g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind						**11000**																
NEPM (1999) EIL - Commercial/Industrial						**170**																
NEPM (1999) ESL - Commercial/Industrial (fine)													**1.4**									
NEPM (1999) HIL D - Commercial/Industrial															**40**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+						**NL**																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
TP45-2	24/06/2016	148936		Normal	-	-	-	-	18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP45-3	24/06/2016	148936		Normal	-	-	-	-	15	<0.1	0.1	<0.1	0.4	2.2	0.1	1.4	1.2	1.8	1.8	1.8	2.1	0.8	1.1	0.1	0.7	1
TP45-4	24/06/2016	148936		Normal	-	-	-	-	9.6	<0.1	<0.1	0.5	1.8	14	<0.1	6.4	**4.8**	7.1	7.1	7.1	7.6	2.3	5.2	0.6	2.6	8.2
TP45-5	24/06/2016	148936		Normal	-	-	-	-	12	<1 - 0.1	<0.1	0.7	1	7.7	<0.1	3.4	**1.9**	3.1	3.1	3.1	3.7	1.1	3.1	0.3	1.2	4.5
TP46-1	24/06/2016	148936		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP46-2	24/06/2016	148936		Normal	-	-	-	-	22	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP46-3	24/06/2016	148936		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.1	0.2	<0.1	0.1	0.2
TP46-4	24/06/2016	148936		Normal	-	-	-	-	20	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	0.1	0.2	<0.1	0.1	0.1
TP46-5	24/06/2016	148936		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.1	0.2	<0.1	0.1	0.2
TP47-1	24/06/2016	149385		Normal	-	-	-	-	19	<0.1	<0.1	<0.1	0.1	0.8	<0.1	0.5	0.5	0.6	0.7	0.7	0.7	0.3	0.5	<0.1	0.2	0.3
TP47-2	24/06/2016	149385		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	<0.1	0.1	<0.1	<0.1	0.2
TP47-3	24/06/2016	149385		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	<0.1	0.1	<0.1	<0.1	<0.1
TP47-4	24/06/2016	149385		Normal	-	-	-	-	15	<0.1	<0.1	0.1	0.1	0.7	<0.1	0.4	0.4	0.5	0.6	0.6	0.6	0.3	0.4	<0.1	0.2	0.4
TP47-5	24/06/2016	149385		Normal	-	-	-	-	17	<0.1	<0.1	0.3	0.6	2.9	0.1	1.9	**2.3**	3.3	3.3	3.3	3.2	1.6	1.6	0.3	1.3	1.6
TP48-1	24/06/2016	149385		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	0.1	0.5	<0.1	0.3	0.3	<0.5	<0.5	0.5	0.5	0.2	0.3	<0.1	0.2	0.3
TP48-2	24/06/2016	149385		Normal	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.09	<0.5	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	<0.1
TP48-3	24/06/2016	149385		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	0.1	0.5	<0.1	0.3	0.2	<0.5	<0.5	<0.5	0.4	0.2	0.3	<0.1	0.1	0.3
TP48-4	24/06/2016	149980		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	0.09	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP48-5	24/06/2016	149980		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	0.1	1.2	<0.1	0.6	0.61	0.8	0.9	0.9	1	0.3	0.6	<0.1	0.3	0.4
TP49-1	24/06/2016	149385		Normal	-	-	-	-	9.8	<1 - 0.2	0.4	1.4	4.2	19	0.8	9.8	**7.9**	12	12	12	13	3.8	8.2	1.1	3.6	14
TP49-2	24/06/2016	149980		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	0.2	1.3	<0.1	0.7	0.57	0.8	0.8	0.9	1	0.2	0.6	<0.1	0.3	0.7
TP49-3	24/06/2016	149980		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	<0.1	0.1	<0.1	<0.1	0.1
TP49-4	24/06/2016	149980		Normal	-	-	-	-	9.8	<0.1	<0.1	0.1	0.3	1.9	<0.1	1	0.84	1.1	1.2	1.2	1	0.3	0.9	<0.1	0.4	0.9
TP49-5	24/06/2016	149980		Normal	-	-	-	-	9.4	<0.1	<0.1	0.1	0.3	2.1	<0.1	1	0.82	1.2	1.2	1.2	1	0.3	0.8	0.1	0.4	1.1
TP50-1	24/06/2016	149385		Normal	-	-	-	-	8.8	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.09	<0.5	<0.5	<0.5	0.2	<0.1	0.1	<0.1	<0.1	0.1
TP50-2	24/06/2016	149385		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.2	0.3	<0.1	0.2	0.2
TP50-3	24/06/2016	149980		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	0.7	0.9	<0.1	0.6	0.4	0.6	0.7	0.7	0.8	0.2	0.8	<0.1	0.2	0.7
TP50-4	24/06/2016	149385		Normal	-	-	-	-	11	<0.1	<0.1	0.1	0.2	1.1	<0.1	0.6	0.54	0.8	0.8	0.8	0.9	0.3	0.5	0.1	0.3	0.5
TP50-5	24/06/2016	149980		Normal	-	-	-	-	8.7	<0.1	<0.1	<0.1	0.1	0.6	<0.1	0.3	0.3	<0.5	0.5	0.5	0.6	0.2	0.3	<0.1	0.2	0.3
TP51-1	24/06/2016	149980		Normal	-	-	-	-	7.3	<0.1	<0.1	<0.1	0.3	2	<0.1	0.8	0.72	1.1	1.1	1.1	1	0.3	0.7	0.1	0.4	1.3
TP51-2	24/06/2016	149980		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.3	0.3	<0.5	<0.5	0.5	0.6	0.2	0.3	<0.1	0.2	0.2
TP51-3	24/06/2016	149980		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.1	0.2	<0.1	0.1	0.1
TP51-4	24/06/2016	149980		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.4	0.4	0.5	0.6	0.6	0.7	0.2	0.3	<0.1	0.2	0.2
TP51-5	24/06/2016	149385		Normal	-	-	-	-	11	<0.1	<0.1	0.2	0.3	1.6	<0.1	0.7	0.75	1.1	1.1	1.1	1	0.5	0.6	0.1	0.4	1
TP52-1	24/06/2016	149980		Normal	-	-	-	-	13	<0.1	<0.1	0.2	0.3	2.3	<0.1	1.5	0.93	1.4	1.4	1.4	2	0.3	1.1	0.1	0.3	0.7
TP52-2	24/06/2016	149980		Normal	-	-	-	-	9.9	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.4	0.5	0.6	0.7	0.7	0.8	0.2	0.4	<0.1	0.2	0.2

			ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil															
	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
	g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind						**11000**																
NEPM (1999) EIL - Commercial/Industrial						**170**																
NEPM (1999) ESL - Commercial/Industrial (fine)													**1.4**									
NEPM (1999) HIL D - Commercial/Industrial															**40**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+						**NL**																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
TP52-3	24/06/2016	149385		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.3	0.4	<0.5	0.5	0.6	0.5	0.2	0.3	<0.1	0.2	0.3
TP52-4	24/06/2016	149980		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.3	0.3	<0.5	<0.5	<0.5	0.5	0.1	0.3	<0.1	0.1	0.4
TP52-5	24/06/2016	149385		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-1	24/06/2016	149385		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-2	24/06/2016	149980		Normal	-	-	-	-	9.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-3	24/06/2016	149980		Normal	-	-	-	-	9.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-4	24/06/2016	149980		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-5	24/06/2016	149980		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP54-1	24/06/2016	149385		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP54-2	24/06/2016	149385		Normal	-	-	-	-	7.8	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP54-3	24/06/2016	149385		Normal	-	-	-	-	8.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP54-4	24/06/2016	149385		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1
TP54-5	24/06/2016	149385		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1
TP55-1	24/06/2016	149385		Normal	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP55-2	24/06/2016	149385		Normal	-	-	-	-	8.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP55-3	24/06/2016	149385		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP55-4	24/06/2016	149385		Normal	-	-	-	-	9.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP55-5	24/06/2016	149385		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP56-1	24/06/2016	149385		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP56-2	24/06/2016	149385		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP56-3	24/06/2016	149385		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP56-4	24/06/2016	149385		Normal	-	-	-	-	8.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP56-5	24/06/2016	149385		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP57-1	24/06/2016	149385		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP57-2	24/06/2016	149385		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP57-3	24/06/2016	149385		Normal	-	-	-	-	9.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP57-4	24/06/2016	149385		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP57-5	24/06/2016	149385		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP58-1	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	0.3	1.7	<0.1	0.7	0.9	-	1.2	1.2	-	0.4	0.7	<0.1	0.5	1
TP58-2	23/09/2016	SE157495		Normal	-	-	9.9	-	-	<0.1	<0.1	<0.1	0.7	<0.1	0.4	0.5	-	0.7	0.7	-	0.3	0.4	<0.1	0.4	0.3
TP58-3	23/09/2016	SE157495		Normal	-	-	9.7	-	-	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.3	-	0.4	0.5	-	0.2	0.3	<0.1	0.2	0.1
TP58-4	23/09/2016	SE157495		Normal	-	-	13	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP58-5	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP59-1	23/09/2016	SE157495		Normal	-	-	8.3	-	-	<0.1	<0.1	0.1	0.9	<0.1	0.4	0.4	-	0.6	0.6	-	0.2	0.3	<0.1	0.3	0.5
TP59-2	23/09/2016	SE157495		Normal	-	-	8.6	-	-	<0.1 - 0.1	<0.1	0.4	0.5	3.9	<0.1	2.2	**2.8**	-	3.8	3.8	-	1.5	2	0.2	1.7	1.2
TP59-3	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1	<0.1	0.2	0.3	1.4	<0.1	0.8	0.9	-	1.2	1.3	-	0.5	0.7	<0.1	0.6	0.9

			ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil																
	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
	g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind						**11000**																
NEPM (1999) EIL - Commercial/Industrial						**170**																
NEPM (1999) ESL - Commercial/Industrial (fine)													**1.4**									
NEPM (1999) HIL D - Commercial/Industrial															**40**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+						**NL**																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
TP59-4	23/09/2016	SE157495		Normal	-	-	9.9	-	-	<0.1 - 0.1	<0.1	0.5	0.8	3.1	0.2	1.9	1.9	-	2.7	2.7	-	1.1	1.5	0.2	1.4	2.2
TP59-5	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.2	-	0.3	0.3	-	0.1	0.1	<0.1	0.1	<0.1
TP60-1	23/09/2016	SE157495		Normal	-	-	18	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP60-2	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1 - 0.1	<0.1	0.1	0.2	1.2	<0.1	0.7	0.6	-	0.9	0.9	-	0.3	0.5	<0.1	0.4	0.8
TP60-3	23/09/2016	SE157495		Normal	-	-	16	-	-	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	-	<0.2	<0.3	-	<0.1	0.1	<0.1	<0.1	<0.1
TP60-4	23/09/2016	SE157495		Normal	-	-	18	-	-	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.3	0.3	-	0.4	0.5	-	0.2	0.2	<0.1	0.2	0.2
TP60-5	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1	<0.1	<0.1	0.2	0.8	<0.1	0.3	0.4	-	0.5	0.6	-	0.2	0.3	<0.1	0.3	0.6
TP61-1	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.4	0.4	-	0.6	0.7	-	0.3	0.3	<0.1	0.3	0.2
TP61-2	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1	<0.1	0.1	0.1	0.7	<0.1	0.4	0.3	-	0.5	0.5	-	0.2	0.3	<0.1	0.2	0.4
TP61-3	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.2	0.2	-	0.4	0.4	-	0.2	0.2	<0.1	0.2	0.2
TP61-4	23/09/2016	SE157495		Normal	-	-	13	-	-	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP61-5	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP62-1	23/09/2016	SE157495		Normal	-	-	18	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP62-2	23/09/2016	SE157495		Normal	-	-	16	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP62-3	23/09/2016	SE157495		Normal	-	-	13	-	-	<0.1 - 0.1	<0.1	0.2	0.1	1.2	<0.1	0.5	0.8	-	1	1.1	-	0.4	0.6	<0.1	0.5	0.6
TP62-4	23/09/2016	SE157495		Normal	-	-	12	-	-	<0.1	<0.1	0.1	0.2	1.1	<0.1	0.5	0.6	-	0.9	0.9	-	0.4	0.4	<0.1	0.5	0.5
TP62-5	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1 - 0.1	<0.1	0.2	0.2	2.1	<0.1	1.1	1.4	-	2	2	-	0.8	1.2	0.2	1	0.8
TP63-1	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP63-2	23/09/2016	SE157495		Normal	-	-	16	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP63-3	23/09/2016	SE157495		Normal	-	-	17	-	-	<0.1	<0.1	<0.1	<0.1	0.9	<0.1	0.4	0.4	-	0.6	0.6	-	0.2	0.4	<0.1	0.3	0.4
TP63-4	23/09/2016	SE157495		Normal	-	-	17	-	-	<0.1	<0.1	0.2	0.1	1.4	<0.1	0.7	0.6	-	0.9	0.9	-	0.4	0.6	<0.1	0.5	1
TP63-5	23/09/2016	SE157495		Normal	-	-	22	-	-	<0.1	<0.1	0.2	0.2	1.1	<0.1	0.7	0.9	-	1.3	1.3	-	0.6	0.6	0.1	0.7	0.5
TP64-1	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP64-2	23/09/2016	SE157495		Normal	-	-	19	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP64-3	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP64-4	23/09/2016	SE157495		Normal	-	-	18	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP64-5	23/09/2016	SE157495		Normal	-	-	10	-	-	<0.1	<0.1	0.1	<0.1	0.8	<0.1	0.7	0.5	-	0.8	0.8	-	0.3	0.6	<0.1	0.4	0.4
TP65-1	23/09/2016	SE157495		Normal	-	-	19	-	-	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP65-2	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP65-3	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1 - 0.1	<0.1	0.4	0.7	5.4	<0.1	2.3	2.9	-	4.2	4.2	-	1.7	2.1	0.4	2.2	2.4
TP65-4	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.3	0.3	-	0.5	0.5	-	0.2	0.3	<0.1	0.3	0.2
TP65-5	23/09/2016	SE157495		Normal	-	-	9.8	-	-	<0.1	<0.1	0.1	0.1	1.1	<0.1	0.5	0.6	-	0.9	1	-	0.4	0.6	<0.1	0.5	0.5
TP66-1	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP66-2	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP66-3	23/09/2016	SE157495		Normal	-	-	16	-	-	<0.1	<0.1	0.3	0.2	1.9	<0.1	0.8	0.9	-	1.3	1.3	-	0.6	0.7	0.1	0.7	1.5
TP66-4	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	0.3	0.4	-	0.6	0.6	-	0.3	0.4	<0.1	0.3	0.3

			ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil																
	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
	g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind						**11000**																
NEPM (1999) EIL - Commercial/Industrial						**170**																
NEPM (1999) ESL - Commercial/Industrial (fine)													**1.4**									
NEPM (1999) HIL D - Commercial/Industrial															**40**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+						**NL**																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
TP66-5	23/09/2016	SE157495		Normal	-	-	13	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP67-1	23/09/2016	SE157495		Normal	-	-	13	-	-	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP67-2	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.3	0.3	-	0.5	0.5	-	0.2	0.2	<0.1	0.3	0.1
TP67-3	23/09/2016	SE157495		Normal	-	-	17	-	-	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.2	0.2	-	0.4	0.4	-	0.2	0.2	<0.1	0.2	0.2
TP67-4	23/09/2016	SE157495		Normal	-	-	13	-	-	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	-	0.3	0.4	-	0.2	0.2	<0.1	0.2	0.2
TP67-5	23/09/2016	SE157495		Normal	-	-	17	-	-	<0.1 - 0.3	0.2	0.1	0.4	1.9	0.2	0.8	0.8	-	1.2	1.2	-	0.5	0.8	<0.1	0.6	1.3
TP68-1	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	0.1	0.1	0.9	<0.1	0.6	0.7	-	0.9	1	-	0.5	0.6	<0.1	0.6	0.4
TP68-2	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.3	0.3	-	0.4	0.5	-	0.2	0.3	<0.1	0.2	0.1
TP68-3	23/09/2016	SE157495		Normal	-	-	12	-	-	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	-	0.3	0.3	-	0.1	0.1	<0.1	0.1	0.1
TP68-4	23/09/2016	SE157495		Normal	-	-	16	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP68-5	23/09/2016	SE157495		Normal	-	-	18	-	-	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.1	-	<0.2	<0.3	-	<0.1	0.1	<0.1	<0.1	0.2
TP69-1	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	0.5	0.4	3.8	<0.1	2	**2.1**	-	3.1	3.1	-	1.1	1.8	0.3	1.5	1.8
TP69-2	23/09/2016	SE157495		Normal	-	-	10	-	-	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	-	0.3	0.4	-	0.1	0.2	<0.1	0.2	0.1
TP69-3	23/09/2016	SE157495		Normal	-	-	7.9	-	-	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.3	0.2	-	0.4	0.4	-	0.2	0.3	<0.1	0.2	0.2
TP69-4	23/09/2016	SE157495		Normal	-	-	10	-	-	<0.1	<0.1	0.3	0.3	2.3	<0.1	0.9	1.2	-	1.7	1.7	-	0.7	0.8	0.2	0.9	1
TP69-5	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP70-1	23/09/2016	SE157495		Normal	-	-	8.3	-	-	<0.1	<0.1	<0.1	<0.1	1	<0.1	0.6	0.6	-	0.8	0.9	-	0.3	0.5	<0.1	0.4	0.5
TP70-2	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP70-3	23/09/2016	SE157495		Normal	-	-	16	-	-	<0.1	<0.1	0.1	<0.1	1.4	<0.1	0.9	0.9	-	1.3	1.3	-	0.5	0.9	0.1	0.6	0.5
TP70-4	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1 - 0.1	<0.1	0.4	0.3	3.4	<0.1	1.4	**1.8**	-	2.6	2.6	-	1.1	1.4	0.2	1.4	1.6
TP70-5	23/09/2016	SE157495		Normal	-	-	8.1	-	-	<0.1	<0.1	0.1	0.1	1.3	<0.1	0.7	0.7	-	1	1.1	-	0.4	0.6	<0.1	0.6	0.6
TP71-1	23/09/2016	SE157495		Normal	-	-	6.1	-	-	<0.1	<0.1	0.1	<0.1	0.9	<0.1	0.5	0.6	-	0.9	0.9	-	0.4	0.5	<0.1	0.5	0.3
TP71-2	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	-	0.4	0.4	-	0.2	0.2	<0.1	0.2	0.1
TP71-3	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP71-4	23/09/2016	SE157495		Normal	-	-	13	-	-	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP71-5	23/09/2016	SE157495		Normal	-	-	9.8	-	-	<0.1	<0.1	0.1	<0.1	0.8	<0.1	0.5	0.6	-	0.8	0.8	-	0.3	0.4	<0.1	0.4	0.3
TP72-1	23/09/2016	SE157495		Normal	-	-	12	-	-	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.4	0.4	-	0.5	0.6	-	0.2	0.4	<0.1	0.3	0.2
TP72-2	23/09/2016	SE157495		Normal	-	-	20	-	-	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	-	0.4	0.4	-	0.2	0.2	<0.1	0.2	0.2
TP72-3	23/09/2016	SE157495		Normal	-	-	18	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP72-4	23/09/2016	SE157495		Normal	-	-	13	-	-	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	-	0.3	0.4	-	0.1	0.2	<0.1	0.1	0.2
TP72-5	23/09/2016	SE157495		Normal	-	-	13	-	-	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.2	-	0.3	0.3	-	0.1	0.1	<0.1	0.1	0.1
TP73-1	23/09/2016	SE157495		Normal	-	-	12	-	-	<0.1	<0.1	<0.1	0.1	0.6	<0.1	0.3	0.4	-	0.5	0.6	-	0.2	0.3	<0.1	0.2	0.4
TP73-2	23/09/2016	SE157495		Normal	-	-	14	-	-	<0.1	<0.1	<0.1	0.1	0.7	<0.1	0.4	0.5	-	0.7	0.7	-	0.3	0.4	<0.1	0.3	0.4
TP73-3	23/09/2016	SE157495		Normal	-	-	16	-	-	<0.1	<0.1	0.2	0.2	1.7	<0.1	0.9	1	-	1.4	1.4	-	0.6	0.8	0.1	0.6	0.9
TP73-4	23/09/2016	SE157495		Normal	-	-	13	-	-	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.3	0.4	-	0.6	0.6	-	0.2	0.4	<0.1	0.3	0.2
TP73-5	23/09/2016	SE157495		Normal	-	-	21	-	-	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1

			ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil																
	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
	g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind						**11000**																
NEPM (1999) EIL - Commercial/Industrial						**170**																
NEPM (1999) ESL - Commercial/Industrial (fine)													**1.4**									
NEPM (1999) HIL D - Commercial/Industrial															**40**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+						**NL**																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
TP74-1	23/09/2016	SE157495		Normal	-	-	16	-	-	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.3	-	0.4	0.5	-	0.2	0.3	<0.1	0.2	0.2
TP74-2	23/09/2016	SE157495		Normal	-	-	9.9	-	-	<0.1 - 0.1	<0.1	1.1	0.9	9	0.2	4.2	**5.3**	-	7.7	7.7	-	3.7	4.1	0.6	4	3.6
TP74-3	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.3	0.4	-	0.6	0.7	-	0.3	0.3	<0.1	0.3	0.2
TP74-4	23/09/2016	SE157495		Normal	-	-	9.5	-	-	<0.1	0.3	0.4	2.7	<0.1	1.4	**1.8**	-	2.6	2.6	-	1.3	1.5	0.2	1.3	1.2
TP74-5	23/09/2016	SE157495		Normal	-	-	9.5	-	-	<0.1 - 0.1	<0.1	0.4	0.5	4.7	<0.1	2.2	**2.6**	-	3.8	3.8	-	1.7	2.2	0.3	1.8	1.8
TP75-1	23/09/2016	SE157495		Normal	-	-	15	-	-	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP75-2	23/09/2016	SE157495		Normal	-	-	11	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP75-3	23/09/2016	SE157495		Normal	-	-	8.3	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP75-4	23/09/2016	SE157495		Normal	-	-	8.3	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP75-5	23/09/2016	SE157495		Normal	-	-	9.4	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1
TP-52-10	24/09/2018	201559		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	0.2	1.7	<0.1	0.8	0.88	1.2	1.2	1.3	1	0.6	0.8	<0.1	0.4	0.9
TP-52-11	24/09/2018	201559		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.3	0.4	<0.5	0.5	0.6	0.6	0.2	0.3	<0.1	0.2	0.3
TP-52-6	24/09/2018	201559		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.3	0.4	0.5	0.6	0.6	0.7	0.3	0.3	<0.1	0.2	0.2
TP-52-7	24/09/2018	201559		Normal	-	-	-	-	9.6	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.3	<0.5	<0.5	0.5	0.5	0.2	0.3	<0.1	0.2	0.2
TP-52-8	24/09/2018	201559		Normal	-	-	-	-	20	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	<0.1	<0.1
TP-52-9	24/09/2018	201559		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	1	<0.1	0.5	0.65	0.8	0.9	0.9	1	0.5	0.6	<0.1	0.3	0.4
TP-72-10	24/09/2018	201559		Normal	-	-	-	-	9.9	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.3	0.4	<0.5	0.5	0.6	0.6	0.3	0.3	<0.1	0.2	0.2
TP-72-11	24/09/2018	201559		Normal	-	-	-	-	23	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP-72-6	24/09/2018	201559		Normal	-	-	-	-	24	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	0.1	0.3
TP-72-7	24/09/2018	201559		Normal	-	-	-	-	18	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.3	0.4	0.5	0.6	0.6	0.6	0.3	0.3	<0.1	0.2	0.2
TP-72-8	24/09/2018	201559		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.2	0.4	<0.5	0.5	0.6	0.6	0.2	0.3	<0.1	0.2	0.2
TP-72-9	24/09/2018	201559		Normal	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	0.4	0.54	0.7	0.8	0.8	0.9	0.4	0.4	<0.1	0.3	0.3
TP-50_10	17/10/2018	203512	10	Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.9	<0.1	0.4	0.4	0.6	0.6	0.7	0.7	0.3	0.4	<0.1	0.2	0.4
TP-50_6	17/10/2018	203512	6	Normal	-	-	-	-	9.8	<0.1	<0.1	<0.1	0.1	0.7	<0.1	0.3	0.3	<0.5	<0.5	0.5	0.5	0.2	0.3	<0.1	0.2	0.4
TP-50_7	17/10/2018	203512	7	Normal	-	-	-	-	7	<0.1	<0.1	0.2	0.4	3	<0.1	1.3	1.2	1.8	1.8	1.8	2	0.7	1.2	0.2	0.6	1.6
TP-50_8	17/10/2018	203512	8	Normal	-	-	-	-	8.8	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	0.4	0.4	0.5	0.6	0.6	0.6	0.2	0.3	<0.1	0.2	0.3
TP-50_9	17/10/2018	203512	9	Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	1	<0.1	0.4	0.4	0.6	0.6	0.7	0.7	0.3	0.4	<0.1	0.2	0.4
TP-69_10	17/10/2018	203512	10	Normal	-	-	-	-	9.7	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	<0.1	0.2	<0.1	<0.1	0.2
TP-69_6	17/10/2018	203512	6	Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	0.1	0.1
TP-69_7	17/10/2018	203512	7	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.09	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP-69_8	17/10/2018	203512	8	Normal	-	-	-	-	9.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.1	<0.1	0.1	<0.1
TP-69_9	17/10/2018	203512	9	Normal	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP-70_10	17/10/2018	203512	10	Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.2	<0.5	<0.5	<0.5	0.3	<0.1	0.2	<0.1	0.1	0.2
TP-70_6	17/10/2018	203512	6	Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.1	0.2	<0.1	0.1	0.2
TP-70_7	17/10/2018	203512	7	Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	<0.1	0.3
TP-70_8	17/10/2018	203512	8	Normal	-	-	-	-	11	<0.1	<0.1	<0.1	0.1	0.8	<0.1	0.4	0.5	0.6	0.7	0.7	0.8	0.3	0.4	<0.1	0.3	0.4

			ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil															
	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
	g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind						11000																
NEPM (1999) EIL - Commercial/Industrial						170																
NEPM (1999) ESL - Commercial/Industrial (fine)													1.4									
NEPM (1999) HIL D - Commercial/Industrial															40							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m						NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m						NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m						NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+						NL																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
TP-70_9	17/10/2018	203512	9	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.7	<0.1	0.4	0.4	<0.5	0.5	0.6	0.6	0.2	0.3	<0.1	0.2	0.4
TP-71_10	17/10/2018	203512	10	Normal	-	-	-	-	18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP-71_6	17/10/2018	203512	6	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.3	<0.5	<0.5	0.5	0.5	0.2	0.3	<0.1	0.2	0.2
TP-71_7	17/10/2018	203512	7	Normal	-	-	-	-	15	<0.1	<0.1	0.4	0.6	2.4	0.3	1	0.8	1.1	1.1	1.2	1	0.4	0.9	<0.1	0.3	2.3
TP-71_8	17/10/2018	203512	8	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1
TP-71_9	17/10/2018	203512	9	Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	0.2	<0.5	<0.5	<0.5	0.2	<0.1	<0.1	<0.1	<0.1	0.2
TP49_10	25/10/2018	204105	10	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	0.4	0.5	0.6	0.7	0.7	0.8	0.3	0.4	<0.1	0.2	0.3
TP49_6	25/10/2018	204105	6	Normal	-	-	-	-	14	<0.1	<0.1	0.3	0.4	2.7	0.2	1.2	1.1	1.7	1.7	1.7	2	0.6	1	0.2	0.5	1.9
TP49_7	25/10/2018	204105	7	Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.2	0.3	<0.5	<0.5	<0.5	0.5	0.2	0.2	<0.1	0.2	0.2
TP49_8	25/10/2018	204105	8	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	0.4	0.4	<0.5	0.5	0.6	0.6	0.2	0.3	<0.1	0.2	0.3
TP49_9	25/10/2018	204105	9	Normal	-	-	-	-	12	<0.1	<0.1	0.2	0.5	3.5	0.1	1.6	1.4	2.1	2.1	2.1	2.3	0.7	1.3	0.2	0.7	2.2
TP68_10	25/10/2018	204105	10	Normal	-	-	-	-	6.9	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.2	0.2	<0.1	0.1	0.1
TP68_11	25/10/2018	204105	11	Normal	-	-	-	-	9.5	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	<0.1	0.1
TP68_6	25/10/2018	204105	6	Normal	-	-	-	-	14	<0.1	<0.1	0.2	0.4	3.2	<0.1	1.3	1.3	1.9	1.9	1.9	2	0.7	1.2	0.2	0.6	2.4
TP68_7	25/10/2018	204105	7	Normal	-	-	-	-	13	<0.1	<0.1	0.2	0.5	2.9	0.2	1.4	**1.5**	2.2	2.2	2.2	2.2	0.8	1.2	0.2	0.7	2
TP68_8	25/10/2018	204105	8	Normal	-	-	-	-	12	<0.1	<0.1	0.1	0.2	2	<0.1	1	1	1.5	1.5	1.5	2	0.6	0.9	0.2	0.5	0.8
TP68_9	25/10/2018	204105	9	Normal	-	-	-	-	10	<0.1	<0.1	0.2	0.4	3.2	0.1	1.7	**1.8**	2.6	2.6	2.6	2.7	0.9	1.4	0.3	0.8	1.6
TP47-10.0	26/10/2018	204204		Normal	-	-	-	-	9.4	<0.1	<0.1	0.4	0.4	1.2	0.2	0.6	0.5	0.6	0.7	0.7	0.7	0.3	0.6	<0.1	0.2	1.6
TP47-6.0	26/10/2018	204204		Normal	-	-	-	-	12	<1 - 0.1	<0.1	0.4	0.6	5.3	0.1	3	**3.1**	4.5	4.5	4.5	4.8	1.9	2.6	0.4	1.5	1.8
TP47-7.0	26/10/2018	204204		Normal	-	-	-	-	8.4	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	0.5	0.58	0.8	0.8	0.9	0.9	0.4	0.5	<0.1	0.3	0.3
TP47-8.0	26/10/2018	204204		Normal	-	-	-	-	7.2	<1 - 0.1	0.2	0.7	1	3	0.6	1.6	1.1	1.4	1.5	1.5	1	0.6	1.5	<0.1	0.4	5.5
TP47-9.0	26/10/2018	204204		Normal	-	-	-	-	8.3	<0.1	<0.1	0.4	0.4	0.8	0.2	0.5	0.3	<0.5	<0.5	0.5	0.4	0.2	0.5	<0.1	0.1	1.4
TP48-10.0	26/10/2018	204204		Normal	-	-	-	-	10	<0.1	<0.1	0.3	0.6	4.5	0.1	2.3	**2.2**	3.2	3.2	3.2	3.3	1.3	2	0.3	1	2.5
TP48-6.0	26/10/2018	204204		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.3	0.4	<0.5	0.5	0.6	0.6	0.3	0.3	<0.1	0.2	0.2
TP48-7.0	26/10/2018	204204		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.1	<0.1	<0.1	0.1
TP48-8.0	26/10/2018	204204		Normal	-	-	-	-	12	<0.1	<0.1	0.3	0.3	0.8	0.1	0.4	0.3	<0.5	<0.5	0.5	0.4	0.2	0.4	<0.1	0.1	1.4
TP48-9.0	26/10/2018	204204		Normal	-	-	-	-	12	<0.1	<0.1	0.3	0.6	4	0.1	1.9	**1.7**	2.5	2.5	2.5	2.6	1	1.6	0.2	0.8	3.1
TP67-10.0	26/10/2018	204204		Normal	-	-	-	-	8	<0.1	<0.1	<0.1	0.1	0.8	<0.1	0.5	0.59	0.8	0.8	0.9	0.9	0.4	0.5	<0.1	0.3	0.4
TP67-6.0	26/10/2018	204204		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.7	<0.1	0.3	0.4	<0.5	0.5	0.6	0.6	0.2	0.3	<0.1	0.2	0.3
TP67-7.0	26/10/2018	204204		Normal	-	-	-	-	9.6	<0.1	<0.1	0.3	0.4	1	0.4	0.5	0.3	<0.5	<0.5	<0.5	0.4	0.2	0.5	<0.1	0.1	2.4
TP67-8.0	26/10/2018	204204		Normal	-	-	-	-	6.8	<0.1	<0.1	0.2	0.3	0.9	0.2	0.4	0.3	<0.5	<0.5	<0.5	0.4	0.2	0.4	<0.1	0.1	1.7
TP67-9.0	26/10/2018	204204		Normal	-	-	-	-	6.9	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	<0.1	0.1
TP44-10	29/10/2018	204325		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP44-6	29/10/2018	204325		Normal	-	-	-	-	9.2	<0.1	<0.1	0.1	0.1	0.9	<0.1	0.5	0.56	0.7	0.8	0.8	0.9	0.4	0.5	<0.1	0.3	0.3
TP44-7	29/10/2018	204325		Normal	-	-	-	-	9.3	<0.1	<0.1	0.1	0.2	1.1	<0.1	0.6	0.71	1	1	1	1	0.5	0.6	0.1	0.4	0.5
TP44-8	29/10/2018	204325		Normal	-	-	-	-	8.6	<0.1	<0.1	0.2	0.3	1.6	<0.1	1	1	1.5	1.5	1.5	2	0.6	1	0.1	0.5	0.8

			ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil																
	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
	g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind						11000																
NEPM (1999) EIL - Commercial/Industrial						170																
NEPM (1999) ESL - Commercial/Industrial (fine)													1.4									
NEPM (1999) HIL D - Commercial/Industrial															40							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m						NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m						NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m						NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+						NL																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
TP44-9	29/10/2018	204325		Normal	-	-	-	-	12	<0.1	0.2	0.2	0.9	5.5	0.4	2	2	2.8	2.8	2.8	2.9	1.2	1.8	0.2	1	4.4
TP45-10	29/10/2018	204325		Normal	-	-	-	-	9	<0.1	<0.1	0.1	0.2	1.2	<0.1	0.7	0.76	1.1	1.1	1.1	1	0.5	0.7	0.1	0.4	0.6
TP45-6	29/10/2018	204325		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	0.1	0.1	<0.1	<0.1	<0.1
TP45-7	29/10/2018	204325		Normal	-	-	-	-	17	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	0.1	<0.1
TP45-8	29/10/2018	204325		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.5	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	<0.1
TP45-9	29/10/2018	204325		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.06	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP46-10	29/10/2018	204325		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	0.4	0.5	0.6	0.7	0.7	0.7	0.3	0.4	<0.1	0.2	0.2
TP46-6	29/10/2018	204325		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.06	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP46-7	29/10/2018	204325		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.06	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP46-8	29/10/2018	204325		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	0.1	0.1	<0.1	<0.1	0.1
TP46-9	29/10/2018	204325		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	0.07	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP64-10	29/10/2018	204325		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	0.3	1.5	<0.1	0.7	0.62	0.8	0.9	0.9	1	0.4	0.7	<0.1	0.3	0.9
TP64-6	29/10/2018	204325		Normal	-	-	-	-	6	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.2	0.2	<0.1	0.1	0.2
TP64-7	29/10/2018	204325		Normal	-	-	-	-	8.8	<0.1	<0.1	0.1	0.3	1.8	<0.1	0.9	0.95	1.4	1.4	1.4	2	0.6	0.9	0.1	0.5	1.1
TP64-8	29/10/2018	204325		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.09	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1
TP64-9	29/10/2018	204325		Normal	-	-	-	-	8.9	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.08	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1
TP65-10	29/10/2018	204325		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.2	0.2	<0.1	0.1	0.2
TP65-6	29/10/2018	204325		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	0.08	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP65-7	29/10/2018	204325		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.7	<0.1	0.4	0.55	0.7	0.8	0.8	0.9	0.4	0.5	<0.1	0.3	0.2
TP65-8	29/10/2018	204325		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	0.1	0.1	<0.1	<0.1	<0.1
TP65-9	29/10/2018	204325		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	<0.1	0.1
TP66-10	29/10/2018	204325		Normal	-	-	-	-	12	<0.1	<0.1	0.1	0.1	0.7	<0.1	0.4	0.4	0.6	0.6	0.7	0.7	0.3	0.5	<0.1	0.2	0.5
TP66-6	29/10/2018	204325		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	0.1	0.7	<0.1	0.4	0.4	0.6	0.6	0.7	0.6	0.3	0.4	<0.1	0.2	0.5
TP66-7	29/10/2018	204325		Normal	-	-	-	-	12	<0.1	<0.1	0.2	0.2	2	<0.1	1.1	1.2	1.8	1.8	1.8	2	0.9	1.2	0.2	0.6	0.8
TP66-8	29/10/2018	204325		Normal	-	-	-	-	11	<0.1	<0.1	0.2	0.2	2.1	<0.1	1.1	1.2	1.8	1.8	1.8	2	0.9	1.2	0.2	0.6	0.9
TP66-9	29/10/2018	204325		Normal	-	-	-	-	10	<0.1	<0.1	0.1	0.1	0.9	<0.1	0.5	0.61	0.8	0.8	0.9	0.9	0.4	0.6	<0.1	0.3	0.4
EB-1	20/06/2019	220093		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-2	20/06/2019	220093		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-3	20/06/2019	220093		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-4	20/06/2019	220093		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-5	20/06/2019	220093		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP73-10	28/06/2019	220692	10	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP73-6	28/06/2019	220692	6	Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP73-7	28/06/2019	220692	7	Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP73-8	28/06/2019	220692	8	Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP73-9	28/06/2019	220692	9	Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1

			ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil																
	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
	g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind						**11000**																
NEPM (1999) EIL - Commercial/Industrial						**170**																
NEPM (1999) ESL - Commercial/Industrial (fine)													**1.4**									
NEPM (1999) HIL D - Commercial/Industrial															**40**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+						**NL**																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
EB-10	17/07/2019	221918		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.1	<0.5	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	0.2
EB-11	17/07/2019	221918		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-12	17/07/2019	221918		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-13	17/07/2019	221918		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-14	17/07/2019	221918		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-15	17/07/2019	221918		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-6	17/07/2019	221918		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-7	17/07/2019	221918		Normal	-	-	-	-	8.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-8	17/07/2019	221918		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-9	17/07/2019	221918		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-16	1/08/2019	223004		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-17	1/08/2019	223004		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-18	1/08/2019	223004		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-19	1/08/2019	223004		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-20	1/08/2019	223004		Normal	-	-	-	-	9.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB21	9/08/2019	223636		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB22	9/08/2019	223636		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB23	9/08/2019	223636		Normal	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB24	9/08/2019	223636		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB25	9/08/2019	223636		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB-26	22/08/2019	224601		Normal	-	-	-	-	6.2	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	<0.1	0.1
EB-27	22/08/2019	224601		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.2	<0.5	<0.5	<0.5	0.3	0.2	0.2	<0.1	0.1	0.1
EB-28	22/08/2019	224601		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.08	<0.5	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	0.1
EB-29	22/08/2019	224601		Normal	-	-	-	-	8.7	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.2	0.2	<0.1	0.2	0.2
EB-30	22/08/2019	224601		Normal	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.3	0.4	0.5	0.6	0.6	0.7	0.4	0.3	<0.1	0.3	0.2
TP53-10	22/08/2019	224601		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-6	22/08/2019	224601		Normal	-	-	-	-	9.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-7	22/08/2019	224601		Normal	-	-	-	-	6.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-8	22/08/2019	224601		Normal	-	-	-	-	17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP53-9	22/08/2019	224601		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP74-10	22/08/2019	224601		Normal	-	-	-	-	8.9	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.08	<0.5	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	<0.1
TP74-6	22/08/2019	224601		Normal	-	-	-	-	2.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP74-7	22/08/2019	224601		Normal	-	-	-	-	5.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP74-8	22/08/2019	224601		Normal	-	-	-	-	6.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.06	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP74-9	22/08/2019	224601		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	<0.1	0.1
EB31	3/09/2019	225351	1	Normal	-	-	-	-	18	<0.1	<0.1	<0.1	0.4	7	<0.1	3.3	5.1	8.3	8.3	8.3	16	4.9	4.4	0.8	3.7	2.6

			ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil															
	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
	g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind						**11000**																
NEPM (1999) EIL - Commercial/Industrial						**170**																
NEPM (1999) ESL - Commercial/Industrial (fine)													**1.4**									
NEPM (1999) HIL D - Commercial/Industrial															**40**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+						**NL**																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																		
EB32	3/09/2019	225351	1	Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB33	3/09/2019	225351	3	Normal	-	-	-	-	17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB34	3/09/2019	225351	4	Normal	-	-	-	-	20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB35	3/09/2019	225351	5	Normal	-	-	-	-	18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB36	3/10/2019	227648		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
EB37	3/10/2019	227648		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_Surface 1	16/10/2019	228806		Normal	-	-	-	-	22	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_Surface 2	16/10/2019	228806		Normal	-	-	-	-	7.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_Surface 3	16/10/2019	228806		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_Surface 4	16/10/2019	228806		Normal	-	-	-	-	22	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP56_6.0	18/10/2019	228813		Normal	-	-	-	-	9.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP56_7.0	18/10/2019	228813		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP56_8.0	18/10/2019	228813		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP56_9.0	18/10/2019	228813		Normal	-	-	-	-	21	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_1	18/10/2019	228806		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_10	18/10/2019	228806		Normal	-	-	-	-	25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_2	18/10/2019	228806		Normal	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_3	18/10/2019	228806		Normal	-	-	-	-	26	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_4	18/10/2019	228806		Normal	-	-	-	-	21	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_5	18/10/2019	228806		Normal	-	-	-	-	31	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_6	18/10/2019	228806		Normal	-	-	-	-	29	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_7	18/10/2019	228806		Normal	-	-	-	-	21	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_8	18/10/2019	228806		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
UFEBP10_9	18/10/2019	228806		Normal	-	-	-	-	20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.5	<0.5	<0.5	<0.2	0.2	<0.1	<0.1	<0.1	<0.1
TP43_6.0	23/10/2019	229078		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP55_6.0	23/10/2019	229078		Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP55_7.0	23/10/2019	229078		Normal	-	-	-	-	6.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP43_10.0	28/10/2019	229470		Normal	-	-	-	-	20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP43_7.0	28/10/2019	229470		Normal	-	-	-	-	10	<0.1	<0.1	<0.1	0.2	1.2	<0.1	0.7	0.82	1	1.1	1.1	0.7	0.5	0.7	<0.1	0.5	0.6
TP43_8.0	28/10/2019	229470		Normal	-	-	-	-	14	<0.1	<0.1	<0.1	0.2	1.2	<0.1	0.6	0.5	0.6	0.7	0.7	0.4	0.3	0.5	<0.1	0.3	0.6
TP43_9.0	28/10/2019	229470		Normal	-	-	-	-	8	<0.1	<0.1	<0.1	0.1	0.8	<0.1	0.4	0.4	0.5	0.6	0.6	0.4	0.3	0.4	<0.1	0.3	0.4
TP63_6.0	28/10/2019	229470		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.1	<0.5	<0.5	<0.5	<0.2	<0.1	0.2	<0.1	<0.1	0.1
TP63_7.0	28/10/2019	229470		Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP63_10.0	29/10/2019	229507		Normal	-	-	-	-	21	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP63_8.0	29/10/2019	229507		Normal	-	-	-	-	12	<1 - 0.2	<0.1	0.4	0.6	3.3	0.2	1.8	2.3	3.1	3.1	3.1	2	1.5	1.7	0.4	1.1	2.1
TP63_9.0	29/10/2019	229507		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.2	<0.5	<0.5	<0.5	<0.2	0.1	0.2	<0.1	0.1	0.2

			ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil															
	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
	g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind						**11000**																
NEPM (1999) EIL - Commercial/Industrial						**170**																
NEPM (1999) ESL - Commercial/Industrial (fine)													**1.4**									
NEPM (1999) HIL D - Commercial/Industrial															**40**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m						**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+						**NL**																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
TP55-8.0	31/10/2019	229995		Normal	-	-	-	-	7.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP55-8.5	31/10/2019	229995		Normal	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP55-9.0	31/10/2019	229995		Normal	-	-	-	-	5.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP42_6	1/11/2019	229991	6	Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.2	0.2	<0.1	0.1	0.2
TP42_6.5	1/11/2019	229991	6.5	Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.2	0.2	<0.1	0.1	0.3
TP42_7	1/11/2019	229991	7	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.4	0.2	0.2	<0.1	0.1	0.2
TP42_7.5	1/11/2019	229991	7.5	Normal	-	-	-	-	15	<0.1	<0.1	<0.1	0.2	1.4	<0.1	0.6	0.5	0.7	0.7	0.8	0.8	0.3	0.5	<0.1	0.2	1
TP42_8	1/11/2019	229991	8	Normal	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP54_6	7/11/2019	230418	6	Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP54_6.5	7/11/2019	230418	6.5	Normal	-	-	-	-	19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP54_7	7/11/2019	230418	7	Normal	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP54_7.5	7/11/2019	230418	7.5	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP54_8	7/11/2019	230418	8	Normal	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP56_9.5	7/11/2019	230418	9.5	Normal	-	-	-	-	4.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1
TP62_6	7/11/2019	230418	6	Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP62_6.5	7/11/2019	230418	6.5	Normal	-	-	-	-	9	<0.1	<0.1	0.4	0.6	3.4	0.1	1.4	1.4	2	2	2	2	0.8	1.2	0.2	0.6	1.8
TP62_7	7/11/2019	230418	7	Normal	-	-	-	-	19	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	0.1	0.1	<0.1	<0.1	<0.1
TP62_7.5	7/11/2019	230418	7.5	Normal	-	-	-	-	11	<0.1	<0.1	<0.1	0.1	0.7	<0.1	0.4	0.4	<0.5	0.5	0.6	0.6	0.2	0.3	<0.1	0.2	0.2
TP62_8	7/11/2019	230418	8	Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.2	0.2	<0.1	0.1	0.2
TP61-6.0	13/11/2019	230804	6	Normal	-	-	-	-	8.5	<0.1	<0.1	0.2	0.2	1.4	<0.1	0.6	1	1.4	1.4	1.4	1	0.6	0.7	0.1	0.4	1.1
TP61-6.5	13/11/2019	230804	6.5	Normal	-	-	-	-	5.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	0.1	0.1
TP61-7.0	13/11/2019	230804	7	Normal	-	-	-	-	6.1	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.2	0.5	0.6	0.7	0.7	0.7	0.3	0.3	<0.1	0.2	0.3
TP61-7.5	13/11/2019	230804	7.5	Normal	-	-	-	-	18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP61-8.0	13/11/2019	230804	8	Normal	-	-	-	-	0.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP41_6	29/11/2019	231950	6	Normal	-	-	-	-	5.6	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	<0.1
TP41_6.5	29/11/2019	231950	6.5	Normal	-	-	-	-	5.8	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	0.1	0.1	<0.1	<0.1	<0.1
TP41_7	29/11/2019	231950	7	Normal	-	-	-	-	6.2	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.3	0.3	<0.5	<0.5	<0.5	0.4	0.2	0.3	<0.1	0.2	0.2
TP41_7.5	29/11/2019	231950	7.5	Normal	-	-	-	-	3.9	<1 - 0.7	0.4	1.7	11	48	2.7	24	**20**	28	28	28	26	5.8	24	1.7	5.2	34
TP41_8	29/11/2019	231950	8	Normal	-	-	-	-	5.8	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.2	<0.1	0.2	<0.1	<0.1	0.1
TP40_5.5	9/12/2019	232787		Normal	-	-	-	-	8.5	<1 - 0.5	0.3	1.8	3.8	20	2.2	9.9	**9.8**	14	14	14	12	4	6.6	1.2	3.8	17
TP40_6.0	9/12/2019	232787		Normal	-	-	-	-	7	<1 - 0.2	0.2	1.2	2.4	12	1.3	6.1	**6.2**	8.8	8.8	8.8	8.8	2.6	4.2	0.8	2.5	10
TP40_6.5	9/12/2019	232787		Normal	-	-	-	-	9.6	<1 - 7.7	2.7	13	23	90	15	36	**27**	42	**42**	42	43	9.6	24	4.9	10	100
TP40_7.0	9/12/2019	232787		Normal	-	-	-	-	23	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP40_7.5	9/12/2019	232787		Normal	-	-	-	-	11	<1 - 0.1	<0.1	0.1	0.4	3.5	0.2	2.2	**2.2**	3.2	3.2	3.2	3.2	1.2	1.6	0.3	1	1.8
TP60_5.5	9/12/2019	232787		Normal	-	-	-	-	8.7	<0.1	<0.1	0.1	0.3	1.4	0.1	0.7	0.64	0.8	0.9	0.9	1	0.3	0.5	<0.1	0.3	1.3
TP60_6.0	9/12/2019	232787		Normal	-	-	-	-	9.6	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	0.4	0.56	0.7	0.8	0.8	0.8	0.3	0.4	<0.1	0.3	0.3

				ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil															
		AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
		g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind							11000																
NEPM (1999) EIL - Commercial/Industrial							170																
NEPM (1999) ESL - Commercial/Industrial (fine)														1.4									
NEPM (1999) HIL D - Commercial/Industrial																40							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m							NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m							NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m							NL																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+							NL																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																							
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																			
TP60_6.5	9/12/2019	232787		Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP60_7.0	9/12/2019	232787		Normal	-	-	-	-	6.6	<1 - 0.1	<0.1	0.2	0.5	4	0.2	2.2	2.3	3.2	3.2	3.2	3.2	1	1.6	0.3	0.9	2.3
TP60_7.5	9/12/2019	232787		Normal	-	-	-	-	6.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP38_6	17/12/2019	233502	6	Normal	-	-	-	-	8.6	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1
TP38_6.5	17/12/2019	233502	6.5	Normal	-	-	-	-	6	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	<0.1	0.1
TP38_7	17/12/2019	233502	7	Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.7	<0.1	0.4	0.3	<0.5	<0.5	0.5	0.5	0.2	0.4	<0.1	0.1	0.3
TP38_7.5	17/12/2019	233502	7.5	Normal	-	-	-	-	9.8	<0.1	<0.1	<0.1	0.5	3.8	<0.1	1.3	1	1.6	1.6	1.6	2	0.9	1.4	0.2	0.7	2.6
TP38_8	17/12/2019	233502	8	Normal	-	-	-	-	7.6	<0.1	0.1	0.1	0.3	1.8	0.2	1	1.2	1.7	1.7	1.7	2	0.8	1.1	0.2	0.6	1.4
TP39_6	17/12/2019	233502	6	Normal	-	-	-	-	11	<1 - 0.1	0.1	0.4	0.9	5.4	0.5	3	2.6	3.8	3.8	3.8	3.9	1.5	2.9	0.3	1.2	3.8
TP39_6.5	17/12/2019	233502	6.5	Normal	-	-	-	-	8.4	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	0.1	0.3
TP39_7	17/12/2019	233502	7	Normal	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	0.3	0.2	<0.5	<0.5	<0.5	0.4	0.1	0.2	<0.1	0.1	0.2
TP39_7.5	17/12/2019	233502	7.5	Normal	-	-	-	-	15	<0.1	<0.1	0.1	0.2	1.5	<0.1	0.8	0.83	1.2	1.2	1.2	1	0.5	0.9	0.1	0.4	0.8
TP39_8	17/12/2019	233502	8	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	0.7	<0.1	0.4	0.4	0.6	0.6	0.7	0.6	0.3	0.5	<0.1	0.2	0.3
TP58_6	17/12/2019	233502	6	Normal	-	-	-	-	4.2	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	<0.5	<0.5	<0.5	0.3	0.1	0.2	<0.1	0.1	0.1
TP58_6.5	17/12/2019	233502	6.5	Normal	-	-	-	-	4.8	<0.1	<0.1	0.2	0.6	4.4	0.2	2.3	1.9	2.7	2.7	2.7	2.8	1	2.2	0.2	0.8	2.2
TP58_7	17/12/2019	233502	7	Normal	-	-	-	-	9.4	<0.1	<0.1	0.2	<0.1	0.4	<0.1	0.4	0.4	0.7	0.7	0.7	0.8	0.4	0.6	0.1	0.3	0.2
TP58_7.5	17/12/2019	233502	7.5	Normal	-	-	-	-	9.4	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	0.08	<0.5	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	<0.1
TP58_8	17/12/2019	233502	8	Normal	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.5	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	<0.1
TP59_6	17/12/2019	233502	6	Normal	-	-	-	-	9.2	<0.1	<0.1	<0.1	0.2	1.4	<0.1	0.9	0.83	1.2	1.2	1.2	1	0.5	0.8	0.1	0.4	0.5
TP59_6.5	17/12/2019	233502	6.5	Normal	-	-	-	-	8.8	<0.1	<0.1	<0.1	<0.1	0.7	<0.1	0.4	0.4	0.5	0.6	0.6	0.6	0.3	0.4	<0.1	0.2	0.6
TP59_7	17/12/2019	233502	7	Normal	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
TP59_7.5	17/12/2019	233502	7.5	Normal	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5	<0.5	<0.5	0.2	<0.1	0.1	<0.1	<0.1	<0.1
TP59_8	17/12/2019	233502	8	Normal	-	-	-	-	9.4	<0.1	<0.1	<0.1	<0.1	0.7	<0.1	0.4	0.5	0.6	0.7	0.7	0.7	0.3	0.5	<0.1	0.3	0.3
UFH4SP1-1	15/05/2020	ES2016971		Normal	-	-	-	-	13.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4SP1-10	15/05/2020	ES2016971		Normal	-	-	-	-	13.7	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4SP1-2	15/05/2020	ES2016971		Normal	-	-	-	-	11.7	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4SP1-3	15/05/2020	ES2016971		Normal	-	-	-	-	8.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4SP1-4	15/05/2020	ES2016971		Normal	-	-	-	-	13.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4SP1-5	15/05/2020	ES2016971		Normal	-	-	-	-	10.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4SP1-6	15/05/2020	ES2016971		Normal	-	-	-	-	12.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4SP1-7	15/05/2020	ES2016971		Normal	-	-	-	-	12.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4SP1-8	15/05/2020	ES2016971		Normal	-	-	-	-	11.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4SP1-9	15/05/2020	ES2016971		Normal	-	-	-	-	12.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4-SP2-1	6/07/2020	ES2023317		Normal	-	-	-	-	10.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4-SP2-10	6/07/2020	ES2023317		Normal	-	-	-	-	17.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4-SP2-2	6/07/2020	ES2023317		Normal	-	-	-	-	13.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5

				ES_NEPM102	ESD_AS4964	Moisture Content	Naphthalene	PAHs in Soil															
				AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene
				g	g	%w/w	%w/w	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**11000**																
NEPM (1999) EIL - Commercial/Industrial									**170**																
NEPM (1999) ESL - Commercial/Industrial (fine)																**1.4**									
NEPM (1999) HIL D - Commercial/Industrial																		**40**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m									**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m									**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m									**NL**																
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+									**NL**																
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																					
UFH4-SP2-3	6/07/2020	ES2023317		Normal	-	-	-	-	9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4-SP2-4	6/07/2020	ES2023317		Normal	-	-	-	-	12	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4-SP2-5	6/07/2020	ES2023317		Normal	-	-	-	-	14.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4-SP2-6	6/07/2020	ES2023317		Normal	-	-	-	-	17.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4-SP2-7	6/07/2020	ES2023317		Normal	-	-	-	-	17.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4-SP2-8	6/07/2020	ES2023317		Normal	-	-	-	-	10.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
UFH4-SP2-9	6/07/2020	ES2023317		Normal	-	-	-	-	10.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5
Statistical Summary																									
Number of Results					0	0	90	0	349	439	439	439	439	439	439	439	439	349	439	439	329	439	439	439	439	439
Number of Detects					0	0	90	0	349	30	14	88	119	273	41	239	265	98	187	195	177	224	247	66	210	232
Minimum Concentration					99999	####	6.1	99999	0.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5	<0.2	<0.3	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Minimum Detect					ND	ND	6.1	ND	0.9	ND	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1
Maximum Concentration					0	0	22	0	31	7.7	2.7	13	23	90	15	36	27	42	42	42	43	9.6	24	4.9	10	100
Maximum Detect					ND	ND	22	ND	31	7.7	2.7	13	23	90	15	36	27	42	42	42	43	9.6	24	4.9	10	100
Average Concentration							13		12	0.082	0.071	0.15	0.26	1.3	0.14	0.63	0.59	0.94	0.94	0.99	1	0.33	0.55	0.11	0.32	0.94
Median Concentration							13.5		12	0.05	0.05	0.05	0.05	0.3	0.05	0.2	0.2	0.25	0.25	0.25	0.2	0.1	0.2	0.05	0.1	0.1
Standard Deviation							3.3		4	0.21	0.14	0.68	1.3	5.3	0.77	2.3	1.9	3.1	2.8	2.8	3.3	0.75	1.8	0.28	0.75	5.4
Number of Guideline Exceedances					0	0	0	0	0	0	0	0	0	0	0	0	34	0	1	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)					0	0	0	0	0	0	0	0	0	0	0	0	34	0	1	0	0	0	0	0	0	0

				pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP38-1	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	18	23	22
TP38-2	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	7	<0.4	20	29	31
TP38-3	24/06/2016	148936		Normal	0.2	0.65	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	18	20	59
TP38-4	24/06/2016	148936		Normal	1	5.5	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	5	<0.4	9	17	61
TP38-5	24/06/2016	148936		Normal	0.5	2.7	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	6	<0.4	18	27	62
TP39-1	24/06/2016	148936		Normal	0.8	4.1	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	0.6	16	36	37
TP39-2	24/06/2016	148936		Normal	0.1	0.32	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	9	<0.4	21	24	44
TP39-3	24/06/2016	148936		Normal	0.9	4.8	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	7	0.7	11	36	58
TP39-4	24/06/2016	148936		Normal	0.5	3.1	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	5	<0.4	18	18	98
TP39-5	24/06/2016	148936		Normal	0.3	1.4	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	4	<0.4	11	19	33
TP40-1	24/06/2016	148936		Normal	5	31	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	7	<0.4	23	62	130
TP40-2	24/06/2016	148936		Normal	0.9	5.3	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	6	<0.4	16	28	91
TP40-3	24/06/2016	148936		Normal	15	110	-	210	<100	-	<50	<50	250	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	5	<0.4	10	35	110
TP40-4	24/06/2016	148936		Normal	0.2	0.77	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	9	0.6	12	39	290
TP40-5	24/06/2016	148936		Normal	1	6	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	10	0.4	18	29	100
TP41-1	24/06/2016	148936		Normal	4.6	26	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	12	22	90
TP41-2	24/06/2016	148936		Normal	1.2	9.4	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	0.5	18	33	190
TP41-3	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	16	15	34
TP41-4	24/06/2016	148936		Normal	1.1	10	-	290	230	-	<50	<50	460	130	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	16	0.9	15	110	250
TP41-5	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	7	<0.4	18	30	19
TP42-1	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	6	<0.4	21	16	18
TP42-2	24/06/2016	148936		Normal	3.8	25	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	9	0.4	23	51	120
TP42-3	24/06/2016	148936		Normal	0.2	0.54	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	16	24	32
TP42-4	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	9	<0.4	18	19	24
TP42-5	24/06/2016	148936		Normal	0.3	1.3	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	4	<0.4	7	39	67
TP43-1	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	27	14	24
TP43-2	24/06/2016	148936		Normal	0.3	1.2	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	7	<0.4	18	30	100
TP43-3	24/06/2016	148936		Normal	0.6	3.4	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	12	<0.4	17	54	73
TP43-4	24/06/2016	148936		Normal	0.7	3.3	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	11	0.4	19	**400**	200
TP43-5	24/06/2016	148936		Normal	2.2	13	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	7	0.5	16	97	170
TP44-1	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	5	<0.4	16	20	18
TP44-2	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	7	<0.4	23	14	22
TP44-3	24/06/2016	148936		Normal	0.1	0.38	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	18	34	52
TP44-4	24/06/2016	148936		Normal	18	130	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	5	<0.4	14	52	120
TP44-5	24/06/2016	148936		Normal	5	30	-	<100	<100	-	<50	<50	100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	11	0.4	18	130	150
TP45-1	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	25	16	24

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP45-2	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	10	<0.4	23	16	24
TP45-3	24/06/2016	148936		Normal	2.3	14	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	16	30	75
TP45-4	24/06/2016	148936		Normal	13	66	-	120	<100	-	<50	<50	180	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	5	<0.4	9	22	79
TP45-5	24/06/2016	148936		Normal	7.7	37	-	<100	<100	-	<50	<50	110	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	6	<0.4	14	21	66
TP46-1	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	6	<0.4	21	14	28
TP46-2	24/06/2016	148936		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	5	<0.4	22	16	12
TP46-3	24/06/2016	148936		Normal	0.5	2.5	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	5	<0.4	9	23	120
TP46-4	24/06/2016	148936		Normal	0.2	1.5	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	17	26	48
TP46-5	24/06/2016	148936		Normal	0.4	2.2	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	9	<0.4	18	25	84
TP47-1	24/06/2016	149385		Normal	0.9	5	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	13	0.4	37	26	45
TP47-2	24/06/2016	149385		Normal	0.2	1.2	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	6	<0.4	17	36	40
TP47-3	24/06/2016	149385		Normal	0.2	0.93	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	5	0.4	14	29	98
TP47-4	24/06/2016	149385		Normal	0.7	4.4	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	10	0.6	18	33	110
TP47-5	24/06/2016	149385		Normal	3	21	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	0.5	18	27	320
TP48-1	24/06/2016	149385		Normal	0.5	3.4	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	<4	<0.4	15	12	53
TP48-2	24/06/2016	149385		Normal	0.2	0.64	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	0.5	19	24	61
TP48-3	24/06/2016	149385		Normal	0.5	2.9	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	6	0.5	16	40	77
TP48-4	24/06/2016	149980		Normal	0.2	0.39	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	6	<0.4	15	30	53
TP48-5	24/06/2016	149980		Normal	1.2	6.4	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	7	<0.4	19	26	82
TP49-1	24/06/2016	149385		Normal	17	100	-	320	180	-	<50	<50	450	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	14	0.6	18	81	130
TP49-2	24/06/2016	149980		Normal	1.2	6.8	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	5	<0.4	8	31	76
TP49-3	24/06/2016	149980		Normal	0.3	1.3	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	7	<0.4	19	36	75
TP49-4	24/06/2016	149980		Normal	1.8	9.9	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	8	<0.4	21	46	77
TP49-5	24/06/2016	149980		Normal	1.9	10	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	8	<0.4	16	50	110
TP50-1	24/06/2016	149385		Normal	0.2	1	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	12	<0.4	43	38	24
TP50-2	24/06/2016	149385		Normal	0.5	2.8	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	0.4	17	34	50
TP50-3	24/06/2016	149980		Normal	0.9	6.3	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	11	<0.4	14	87	84
TP50-4	24/06/2016	149385		Normal	1.1	6.2	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	10	0.6	20	82	89
TP50-5	24/06/2016	149980		Normal	0.6	3.5	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	9	<0.4	17	48	110
TP51-1	24/06/2016	149980		Normal	1.9	9.8	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	5	<0.4	7	71	200
TP51-2	24/06/2016	149980		Normal	0.6	3.2	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	4	<0.4	16	36	46
TP51-3	24/06/2016	149980		Normal	0.4	2.1	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	4	<0.4	23	32	47
TP51-4	24/06/2016	149980		Normal	0.6	3.5	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	30	<0.4	15	28	140
TP51-5	24/06/2016	149385		Normal	1.6	9	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	46	0.5	20	42	200
TP52-1	24/06/2016	149980		Normal	2.3	12	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	48	0.5	17	55	90
TP52-2	24/06/2016	149980		Normal	0.7	4.2	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	4	<0.4	9	21	61

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																					
TP52-3	24/06/2016	149385		Normal	0.6	3.2	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	<4	<0.4	11	21	38
TP52-4	24/06/2016	149980		Normal	0.6	3.1	-	<100	120	-	<50	<50	140	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	16	<0.4	24	120	150
TP52-5	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	<4	<0.4	29	16	21
TP53-1	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	12	0.4	19	21	19
TP53-2	24/06/2016	149980		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	17	<0.4	16	34	18
TP53-3	24/06/2016	149980		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	10	<0.4	16	39	16
TP53-4	24/06/2016	149980		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	<4	<0.4	8	48	19
TP53-5	24/06/2016	149980		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	-	6	<0.4	12	40	15
TP54-1	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	11	<0.4	19	18	16
TP54-2	24/06/2016	149385		Normal	<0.1	0.11	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	0.4	17	27	14
TP54-3	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	9	<0.4	16	29	14
TP54-4	24/06/2016	149385		Normal	<0.1	0.1	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	6	<0.4	14	47	17
TP54-5	24/06/2016	149385		Normal	<0.1	0.1	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	6	<0.4	14	42	17
TP55-1	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	0.5	27	25	19
TP55-2	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	13	0.4	16	39	17
TP55-3	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	10	<0.4	14	29	13
TP55-4	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	5	<0.4	15	38	15
TP55-5	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	19	33	17
TP56-1	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	10	0.4	26	24	23
TP56-2	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	11	0.4	17	38	16
TP56-3	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	12	<0.4	16	38	15
TP56-4	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	9	<0.4	14	24	11
TP56-5	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	10	0.4	17	30	14
TP57-1	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	7	<0.4	22	14	23
TP57-2	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	9	<0.4	15	34	15
TP57-3	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	8	<0.4	12	24	11
TP57-4	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	9	<0.4	14	36	15
TP57-5	24/06/2016	149385		Normal	<0.1	0	-	<100	<100	-	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	-	<25	<2	11	<0.4	16	38	17
TP58-1	23/09/2016	SE157495		Normal	1.5	9.2	8.2	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	13	23	46
TP58-2	23/09/2016	SE157495		Normal	0.8	4.4	8.1	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	12	23	79
TP58-3	23/09/2016	SE157495		Normal	0.5	2.6	8.2	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	14	140	170
TP58-4	23/09/2016	SE157495		Normal	<0.1	<0.8	8.6	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	0.4	11	25	29
TP58-5	23/09/2016	SE157495		Normal	<0.1	<0.8	7.7	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	<0.3	17	15	22
TP59-1	23/09/2016	SE157495		Normal	0.9	4.5	8.4	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	15	23	37
TP59-2	23/09/2016	SE157495		Normal	4.6	25	8.5	68	<45	<210	<20	<25	110	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	5	<0.3	19	30	130
TP59-3	23/09/2016	SE157495		Normal	1.8	9.5	8.4	74	<45	<210	<20	<25	110	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.4	13	42	81

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																					
TP59-4	23/09/2016	SE157495		Normal	4.1	22	8.5	61	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	17	32	140
TP59-5	23/09/2016	SE157495		Normal	0.3	1.4	8.4	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	12	21	57
TP60-1	23/09/2016	SE157495		Normal	<0.1	<0.8	7	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	16	21	33
TP60-2	23/09/2016	SE157495		Normal	1.4	7.2	8.2	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	10	<0.3	13	44	75
TP60-3	23/09/2016	SE157495		Normal	0.2	<0.8	7.3	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	14	13	27
TP60-4	23/09/2016	SE157495		Normal	0.6	2.8	8.4	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	0.9	14	68	110
TP60-5	23/09/2016	SE157495		Normal	0.8	4.4	8.5	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	5	<0.3	9.4	20	29
TP61-1	23/09/2016	SE157495		Normal	0.8	4	8.4	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	<0.3	13	18	180
TP61-2	23/09/2016	SE157495		Normal	0.7	3.9	8.1	52	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	57	0.5	18	67	85
TP61-3	23/09/2016	SE157495		Normal	0.5	2.6	8.2	48	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	38	0.3	21	45	57
TP61-4	23/09/2016	SE157495		Normal	0.1	<0.8	8.5	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	9.8	20	26
TP61-5	23/09/2016	SE157495		Normal	0.1	<0.8	8.4	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	9	<0.3	17	21	69
TP62-1	23/09/2016	SE157495		Normal	<0.1	<0.8	6.7	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	<0.3	23	12	28
TP62-2	23/09/2016	SE157495		Normal	<0.1	<0.8	6.6	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	<0.3	24	13	24
TP62-3	23/09/2016	SE157495		Normal	1.3	7.4	8.3	210	120	330	<20	<25	300	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	15	1.3	27	**320**	530
TP62-4	23/09/2016	SE157495		Normal	1.1	6.3	8.8	78	<45	<210	<20	<25	110	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.3	14	90	170
TP62-5	23/09/2016	SE157495		Normal	2	13	8.5	190	120	310	<20	<25	290	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	14	1	24	180	530
TP63-1	23/09/2016	SE157495		Normal	<0.1	<0.8	6.5	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	5	<0.3	18	15	24
TP63-2	23/09/2016	SE157495		Normal	<0.1	<0.8	6.3	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	<0.3	18	14	26
TP63-3	23/09/2016	SE157495		Normal	0.9	4.5	7.8	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	19	0.4	18	52	68
TP63-4	23/09/2016	SE157495		Normal	1.4	7.8	8	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	19	0.5	17	63	79
TP63-5	23/09/2016	SE157495		Normal	1.5	8.4	8.5	820	460	1300	25	60	1200	<120	60	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	13	1.1	28	**420**	1100
TP64-1	23/09/2016	SE157495		Normal	<0.1	<0.8	6.3	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	<0.3	23	16	27
TP64-2	23/09/2016	SE157495		Normal	<0.1	<0.8	6.3	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	<0.3	22	15	25
TP64-3	23/09/2016	SE157495		Normal	0.1	<0.8	7.7	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.4	18	22	62
TP64-4	23/09/2016	SE157495		Normal	<0.1	<0.8	7.2	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	0.3	21	30	41
TP64-5	23/09/2016	SE157495		Normal	1	5.7	8.1	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	<0.3	12	32	97
TP65-1	23/09/2016	SE157495		Normal	0.1	<0.8	6.3	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	10	0.4	23	15	25
TP65-2	23/09/2016	SE157495		Normal	<0.1	<0.8	6.2	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	<0.3	20	14	25
TP65-3	23/09/2016	SE157495		Normal	5.3	30	8.3	95	59	<210	<20	<25	150	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	15	0.5	11	33	270
TP65-4	23/09/2016	SE157495		Normal	0.6	3.1	7.9	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	4	0.5	7.9	25	180
TP65-5	23/09/2016	SE157495		Normal	1.1	6.5	8	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	28	0.5	9.3	43	120
TP66-1	23/09/2016	SE157495		Normal	<0.1	<0.8	6.4	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	17	13	22
TP66-2	23/09/2016	SE157495		Normal	<0.1	<0.8	6.1	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	20	13	22
TP66-3	23/09/2016	SE157495		Normal	2.3	11	7.9	45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	12	0.5	19	27	120
TP66-4	23/09/2016	SE157495		Normal	0.8	4.2	8	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	10	0.4	22	51	120

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP66-5	23/09/2016	SE157495		Normal	<0.1	<0.8	6.5	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	9	0.3	23	17	29
TP67-1	23/09/2016	SE157495		Normal	0.2	<0.8	8.2	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.4	16	22	43
TP67-2	23/09/2016	SE157495		Normal	0.5	2.8	8.8	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	5	<0.3	11	22	44
TP67-3	23/09/2016	SE157495		Normal	0.4	2.5	8.4	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.4	15	51	73
TP67-4	23/09/2016	SE157495		Normal	0.5	2.3	8.7	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	3	<0.3	6.8	9.9	96
TP67-5	23/09/2016	SE157495		Normal	1.7	11	8.3	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	<0.3	16	15	46
TP68-1	23/09/2016	SE157495		Normal	1.1	6.5	8.5	<45	46	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.4	18	60	65
TP68-2	23/09/2016	SE157495		Normal	0.5	2.7	8.9	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	5	<0.3	13	31	73
TP68-3	23/09/2016	SE157495		Normal	0.3	1.8	8.2	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	5	0.4	15	31	43
TP68-4	23/09/2016	SE157495		Normal	<0.1	<0.8	7.7	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.4	11	18	46
TP68-5	23/09/2016	SE157495		Normal	0.3	1	8.1	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.3	14	26	68
TP69-1	23/09/2016	SE157495		Normal	4.3	23	8.3	210	130	340	<20	<25	310	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.3	13	38	280
TP69-2	23/09/2016	SE157495		Normal	0.4	2.1	7.9	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	14	0.6	20	35	84
TP69-3	23/09/2016	SE157495		Normal	0.5	2.7	8.3	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.3	12	39	55
TP69-4	23/09/2016	SE157495		Normal	2.8	13	8.5	54	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.4	12	39	210
TP69-5	23/09/2016	SE157495		Normal	0.2	<0.8	8.1	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	0.5	18	28	79
TP70-1	23/09/2016	SE157495		Normal	1.1	5.9	8.1	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	52	0.5	36	59	76
TP70-2	23/09/2016	SE157495		Normal	0.2	<0.8	8.2	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	4	<0.3	13	28	33
TP70-3	23/09/2016	SE157495		Normal	1.9	9.2	8.4	51	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	9	0.4	16	47	80
TP70-4	23/09/2016	SE157495		Normal	3.1	19	8	79	61	<210	<20	<25	130	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	9	0.6	23	44	130
TP70-5	23/09/2016	SE157495		Normal	1.6	7.9	8.7	67	46	<210	<20	<25	110	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	5	0.6	39	76	230
TP71-1	23/09/2016	SE157495		Normal	1	5.9	8.8	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.3	8.1	99	290
TP71-2	23/09/2016	SE157495		Normal	0.5	2.3	8.6	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	5	<0.3	21	38	59
TP71-3	23/09/2016	SE157495		Normal	0.2	<0.8	8.3	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	7.3	11	15
TP71-4	23/09/2016	SE157495		Normal	<0.1	<0.8	5	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	<0.3	8.6	21	20
TP71-5	23/09/2016	SE157495		Normal	0.9	5.1	8.4	61	46	<210	<20	<25	100	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.6	12	49	200
TP72-1	23/09/2016	SE157495		Normal	0.7	3.7	8.6	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	4	0.3	11	60	120
TP72-2	23/09/2016	SE157495		Normal	0.4	2.3	8.3	<45	68	<210	<20	<25	100	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.4	15	36	56
TP72-3	23/09/2016	SE157495		Normal	<0.1	<0.8	7.5	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.3	12	35	53
TP72-4	23/09/2016	SE157495		Normal	0.5	2.2	7.8	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	0.3	12	30	380
TP72-5	23/09/2016	SE157495		Normal	0.3	1.6	7.7	64	54	<210	<20	<25	110	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	0.4	15	28	56
TP73-1	23/09/2016	SE157495		Normal	0.9	4	8	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.4	16	35	72
TP73-2	23/09/2016	SE157495		Normal	1	4.7	7.9	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	7	0.3	14	28	68
TP73-3	23/09/2016	SE157495		Normal	2.8	11	7.6	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	9	0.5	35	28	120
TP73-4	23/09/2016	SE157495		Normal	1	4	7.8	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.4	18	41	99
TP73-5	23/09/2016	SE157495		Normal	0.2	<0.8	7.6	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.4	17	37	69

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																					
TP74-1	23/09/2016	SE157495		Normal	0.5	2.7	7.1	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	11	0.4	27	19	32
TP74-2	23/09/2016	SE157495		Normal	13	59	7.8	85	47	<210	<20	<25	130	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.5	16	41	99
TP74-3	23/09/2016	SE157495		Normal	0.6	3.4	7.3	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	10	0.3	35	23	44
TP74-4	23/09/2016	SE157495		Normal	3.7	19	7.6	64	<45	<210	<20	<25	100	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.4	15	42	110
TP74-5	23/09/2016	SE157495		Normal	6.2	29	7.7	87	56	<210	<20	<25	140	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.4	16	38	94
TP75-1	23/09/2016	SE157495		Normal	0.1	<0.8	7.8	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	10	0.4	28	19	29
TP75-2	23/09/2016	SE157495		Normal	<0.1	<0.8	9	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.3	12	40	19
TP75-3	23/09/2016	SE157495		Normal	<0.1	<0.8	9.3	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	12	0.5	17	39	19
TP75-4	23/09/2016	SE157495		Normal	<0.1	<0.8	9	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	6	0.3	13	29	14
TP75-5	23/09/2016	SE157495		Normal	<0.1	<0.8	8.9	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1	<0.3	<25	-	8	0.3	14	38	17
TP-52-10	24/09/2018	201559		Normal	1.6	9.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	12	21	49
TP-52-11	24/09/2018	201559		Normal	0.6	3.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	13	20	42
TP-52-6	24/09/2018	201559		Normal	0.6	3.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	8	<0.4	15	32	73
TP-52-7	24/09/2018	201559		Normal	0.5	2.8	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	9	<0.4	29	27	95
TP-52-8	24/09/2018	201559		Normal	0.2	1.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	12	21	56
TP-52-9	24/09/2018	201559		Normal	1	6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	12	29	44
TP-72-10	24/09/2018	201559		Normal	0.5	3.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	8	<0.4	22	35	57
TP-72-11	24/09/2018	201559		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	14	<0.4	20	28	15
TP-72-6	24/09/2018	201559		Normal	0.4	2.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	20	62	180
TP-72-7	24/09/2018	201559		Normal	0.6	3.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	<4	<0.4	16	27	54
TP-72-8	24/09/2018	201559		Normal	0.5	3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	23	32	52
TP-72-9	24/09/2018	201559		Normal	0.9	4.9	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	15	24	56
TP-50_10	17/10/2018	203512	10	Normal	0.8	4.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	5	<0.4	22	24	77
TP-50_6	17/10/2018	203512	6	Normal	0.6	3.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	6	<0.4	17	46	130
TP-50_7	17/10/2018	203512	7	Normal	2.6	15	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	7	<0.4	16	32	230
TP-50_8	17/10/2018	203512	8	Normal	0.8	4.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	8	<0.4	19	27	55
TP-50_9	17/10/2018	203512	9	Normal	0.9	4.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	4	<0.4	13	20	30
TP-69_10	17/10/2018	203512	10	Normal	0.3	1.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	4	<0.4	34	25	110
TP-69_6	17/10/2018	203512	6	Normal	0.3	1.7	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	7	<0.4	18	22	51
TP-69_7	17/10/2018	203512	7	Normal	0.2	0.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	6	<0.4	20	24	30
TP-69_8	17/10/2018	203512	8	Normal	0.2	1.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	<4	<0.4	14	25	33
TP-69_9	17/10/2018	203512	9	Normal	0.2	0.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	5	0.6	25	31	68
TP-70_10	17/10/2018	203512	10	Normal	0.3	1.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	9	<0.4	17	34	52
TP-70_6	17/10/2018	203512	6	Normal	0.4	2.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	8	<0.4	17	37	48
TP-70_7	17/10/2018	203512	7	Normal	0.4	2.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	6	<0.4	15	40	95
TP-70_8	17/10/2018	203512	8	Normal	0.8	4.7	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	7	<0.4	16	33	65

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																					
TP-70_9	17/10/2018	203512	9	Normal	0.7	3.8	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	10	<0.4	18	34	61
TP-71_10	17/10/2018	203512	10	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	15	<0.4	19	13	24
TP-71_6	17/10/2018	203512	6	Normal	0.4	2.7	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	14	<0.4	17	41	68
TP-71_7	17/10/2018	203512	7	Normal	2.1	13	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	4	<0.4	10	23	32
TP-71_8	17/10/2018	203512	8	Normal	0.1	0.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	7	<0.4	19	38	56
TP-71_9	17/10/2018	203512	9	Normal	0.2	1.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	-	8	0.5	21	39	95
TP49_10	25/10/2018	204105	10	Normal	0.7	4.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	8	<0.4	18	27	57
TP49_6	25/10/2018	204105	6	Normal	2.3	14	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	10	<0.4	19	31	62
TP49_7	25/10/2018	204105	7	Normal	0.5	2.7	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	16	27	47
TP49_8	25/10/2018	204105	8	Normal	0.7	3.8	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	19	25	50
TP49_9	25/10/2018	204105	9	Normal	3	18	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	18	29	84
TP68_10	25/10/2018	204105	10	Normal	0.3	2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	<4	<0.4	7	24	250
TP68_11	25/10/2018	204105	11	Normal	0.3	1.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	15	33	82
TP68_6	25/10/2018	204105	6	Normal	2.8	16	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	15	39	140
TP68_7	25/10/2018	204105	7	Normal	2.6	16	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	16	32	170
TP68_8	25/10/2018	204105	8	Normal	1.8	11	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	0.6	17	38	270
TP68_9	25/10/2018	204105	9	Normal	3	18	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	0.6	17	38	330
TP47-10.0	26/10/2018	204204		Normal	1.9	8.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	4	<0.4	31	41	53
TP47-6.0	26/10/2018	204204		Normal	5.4	31	-	100	110	190	<50	<50	190	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	17	42	110
TP47-7.0	26/10/2018	204204		Normal	0.9	5.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	<4	<0.4	13	26	47
TP47-8.0	26/10/2018	204204		Normal	5.2	23	-	220	170	470	<50	<50	350	120	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	57	66	88
TP47-9.0	26/10/2018	204204		Normal	1.6	6.7	-	120	140	340	<50	<50	230	110	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	38	52	64
TP48-10.0	26/10/2018	204204		Normal	4.4	25	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	15	24	170
TP48-6.0	26/10/2018	204204		Normal	0.5	3.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	14	20	26
TP48-7.0	26/10/2018	204204		Normal	0.3	1.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	13	29	43
TP48-8.0	26/10/2018	204204		Normal	1.4	6.3	-	130	150	370	<50	<50	250	120	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	35	63	44
TP48-9.0	26/10/2018	204204		Normal	3.8	22	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	4	<0.4	13	27	97
TP67-10.0	26/10/2018	204204		Normal	0.8	5.4	-	<100	<100	130	<50	<50	130	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	18	30	59
TP67-6.0	26/10/2018	204204		Normal	0.7	3.7	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	<4	<0.4	25	19	150
TP67-7.0	26/10/2018	204204		Normal	2.2	8.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	8	<0.4	19	30	48
TP67-8.0	26/10/2018	204204		Normal	1.6	6.7	-	<100	<100	150	<50	<50	150	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	<4	<0.4	26	36	110
TP67-9.0	26/10/2018	204204		Normal	0.3	1.6	-	<100	<100	<50	<50	<50	0	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	<4	<0.4	21	20	130
TP44-10	29/10/2018	204325		Normal	<0.1	0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	4	<0.4	10	6	11
TP44-6	29/10/2018	204325		Normal	0.9	5.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	16	19	70
TP44-7	29/10/2018	204325		Normal	1.1	7.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	0.5	18	120	190
TP44-8	29/10/2018	204325		Normal	1.7	11	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	83	1	18	270	1000

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP44-9	29/10/2018	204325		Normal	4.8	28	-	<100	<100	150	<50	<50	150	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	35	1	17	150	450
TP45-10	29/10/2018	204325		Normal	1.2	7.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	14	31	77
TP45-6	29/10/2018	204325		Normal	0.2	1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	13	27	46
TP45-7	29/10/2018	204325		Normal	0.2	1.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	8	<0.4	15	83	31
TP45-8	29/10/2018	204325		Normal	0.2	0.51	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	18	28	22
TP45-9	29/10/2018	204325		Normal	0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	8	<0.4	10	32	62
TP46-10	29/10/2018	204325		Normal	0.8	4.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	16	42	80
TP46-6	29/10/2018	204325		Normal	<0.1	0.06	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	16	27	37
TP46-7	29/10/2018	204325		Normal	0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	0.6	12	230	62
TP46-8	29/10/2018	204325		Normal	0.2	1.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	0.5	18	29	42
TP46-9	29/10/2018	204325		Normal	0.1	0.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	<4	<0.4	9	34	29
TP64-10	29/10/2018	204325		Normal	1.3	7.7	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	0.4	13	40	45
TP64-6	29/10/2018	204325		Normal	0.4	2.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	11	62	86
TP64-7	29/10/2018	204325		Normal	1.7	11	-	110	120	200	<50	<50	200	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	0.9	21	170	250
TP64-8	29/10/2018	204325		Normal	0.2	0.51	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	14	39	36
TP64-9	29/10/2018	204325		Normal	0.2	0.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	15	36	22
TP65-10	29/10/2018	204325		Normal	0.4	2.2	-	<100	240	420	<50	<50	240	180	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	19	33	43
TP65-6	29/10/2018	204325		Normal	0.1	0.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	12	18	20
TP65-7	29/10/2018	204325		Normal	0.7	4.7	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	8	0.4	18	31	36
TP65-8	29/10/2018	204325		Normal	0.2	1.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	13	45	75
TP65-9	29/10/2018	204325		Normal	0.3	1.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	<0.4	15	55	49
TP66-10	29/10/2018	204325		Normal	1	4.9	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	31	0.4	19	43	100
TP66-6	29/10/2018	204325		Normal	0.8	4.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	7	<0.4	21	34	56
TP66-7	29/10/2018	204325		Normal	2.1	12	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	12	30	87
TP66-8	29/10/2018	204325		Normal	2.3	13	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	6	0.5	16	38	72
TP66-9	29/10/2018	204325		Normal	1.1	6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<1	<25	<2	5	<0.4	16	35	100
EB-1	20/06/2019	220093		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	21	11	21
EB-2	20/06/2019	220093		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	15	29	18
EB-3	20/06/2019	220093		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	19	23	20
EB-4	20/06/2019	220093		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	17	22	15
EB-5	20/06/2019	220093		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	17	14	17
TP73-10	28/06/2019	220692	10	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	<4	<0.4	12	30	11
TP73-6	28/06/2019	220692	6	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	6	<0.4	12	31	12
TP73-7	28/06/2019	220692	7	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	7	<0.4	12	27	11
TP73-8	28/06/2019	220692	8	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	7	<0.4	13	31	15
TP73-9	28/06/2019	220692	9	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	26	<0.4	10	64	14

				pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
EB-10	17/07/2019	221918		Normal	0.2	1.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	22	<0.4	14	32	26
EB-11	17/07/2019	221918		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	15	14	17
EB-12	17/07/2019	221918		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	23	15	20
EB-13	17/07/2019	221918		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	21	17	22
EB-14	17/07/2019	221918		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	15	23	18
EB-15	17/07/2019	221918		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	23	13	17
EB-6	17/07/2019	221918		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	16	16	46
EB-7	17/07/2019	221918		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	18	16	19
EB-8	17/07/2019	221918		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	27	20	18
EB-9	17/07/2019	221918		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	18	21	20
EB-16	1/08/2019	223004		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	14	<0.4	11	37	13
EB-17	1/08/2019	223004		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	13	46	13
EB-18	1/08/2019	223004		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	11	34	13
EB-19	1/08/2019	223004		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	4	<0.4	11	39	15
EB-20	1/08/2019	223004		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	<4	<0.4	11	46	14
EB21	9/08/2019	223636		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	10	<0.4	14	25	13
EB22	9/08/2019	223636		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	11	<0.4	16	26	16
EB23	9/08/2019	223636		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	15	15	14
EB24	9/08/2019	223636		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	16	<0.4	17	36	16
EB25	9/08/2019	223636		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	11	<0.4	18	30	15
EB-26	22/08/2019	224601		Normal	0.3	1.7	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	16	25	27
EB-27	22/08/2019	224601		Normal	0.3	1.8	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	15	26	29
EB-28	22/08/2019	224601		Normal	0.2	0.64	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	14	24	22
EB-29	22/08/2019	224601		Normal	0.4	2.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	10	<0.4	14	24	24
EB-30	22/08/2019	224601		Normal	0.6	3.7	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	18	21	29
TP53-10	22/08/2019	224601		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	22	11	21
TP53-6	22/08/2019	224601		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	16	14	17
TP53-7	22/08/2019	224601		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	17	15	16
TP53-8	22/08/2019	224601		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	12	19	18
TP53-9	22/08/2019	224601		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	17	14	17
TP74-10	22/08/2019	224601		Normal	0.2	0.52	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	18	14	18
TP74-6	22/08/2019	224601		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	18	12	21
TP74-7	22/08/2019	224601		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	19	13	23
TP74-8	22/08/2019	224601		Normal	0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	17	14	25
TP74-9	22/08/2019	224601		Normal	0.3	1.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	13	10	14
EB31	3/09/2019	225351	1	Normal	6.1	55	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	21	16	20

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
EB32	3/09/2019	225351	1	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	9	<0.4	16	25	12
EB33	3/09/2019	225351	3	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	10	<0.4	20	25	14
EB34	3/09/2019	225351	4	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	9	<0.4	19	18	18
EB35	3/09/2019	225351	5	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	15	15	14
EB36	3/10/2019	227648		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	10	<0.4	19	18	12
EB37	3/10/2019	227648		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	<4	<0.4	8	11	6
UFEBP10_Surface 1	16/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	7	13	7
UFEBP10_Surface 2	16/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	8	15	10
UFEBP10_Surface 3	16/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	15	22	16
UFEBP10_Surface 4	16/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	9	<0.4	14	33	16
TP56_6.0	18/10/2019	228813		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	10	<0.4	16	22	15
TP56_7.0	18/10/2019	228813		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	10	<0.4	14	21	11
TP56_8.0	18/10/2019	228813		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	8	<0.4	15	21	15
TP56_9.0	18/10/2019	228813		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	6	<0.4	18	27	9
UFEBP10_1	18/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	14	23	17
UFEBP10_10	18/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	9	<0.4	14	22	19
UFEBP10_2	18/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	9	15	8
UFEBP10_3	18/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	9	<0.4	17	34	20
UFEBP10_4	18/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	13	29	32
UFEBP10_5	18/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	9	18	21
UFEBP10_6	18/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	10	<0.4	18	25	46
UFEBP10_7	18/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	10	<0.4	14	26	17
UFEBP10_8	18/10/2019	228806		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	11	20	11
UFEBP10_9	18/10/2019	228806		Normal	<0.1	0.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	17	28	20
TP43_6.0	23/10/2019	229078		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	11	<0.4	15	29	31
TP55_6.0	23/10/2019	229078		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	8	<0.4	23	14	23
TP55_7.0	23/10/2019	229078		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	<4	<0.4	14	24	8
TP43_10.0	28/10/2019	229470		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	13	<0.4	21	37	14
TP43_7.0	28/10/2019	229470		Normal	1.3	7.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	9	<0.4	12	74	160
TP43_8.0	28/10/2019	229470		Normal	1.1	5.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	7	0.4	14	58	98
TP43_9.0	28/10/2019	229470		Normal	0.8	4.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	<4	<0.4	8	24	53
TP63_6.0	28/10/2019	229470		Normal	0.3	1.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	12	<0.4	21	78	150
TP63_7.0	28/10/2019	229470		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	12	<0.4	16	26	23
TP63_10.0	29/10/2019	229507		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	12	<0.4	17	29	21
TP63_8.0	29/10/2019	229507		Normal	3.3	20	-	130	130	230	<50	<50	230	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	12	0.6	22	120	220
TP63_9.0	29/10/2019	229507		Normal	0.3	1.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	6	<0.4	13	36	47

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																					
TP55-8.0	31/10/2019	229995		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	9	<0.4	12	25	11
TP55-8.5	31/10/2019	229995		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	14	28	13
TP55-9.0	31/10/2019	229995		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	4	<0.4	11	39	20
TP42_6	1/11/2019	229991	6	Normal	0.4	2.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	20	**320**	200
TP42_6.5	1/11/2019	229991	6.5	Normal	0.4	2.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	140	28	68
TP42_7	1/11/2019	229991	7	Normal	0.4	2.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	12	34	150
TP42_7.5	1/11/2019	229991	7.5	Normal	1.3	6.9	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	9	<0.4	19	38	120
TP42_8	1/11/2019	229991	8	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	13	0.5	13	41	26
TP54_6	7/11/2019	230418	6	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	23	26	18
TP54_6.5	7/11/2019	230418	6.5	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	12	15	10
TP54_7	7/11/2019	230418	7	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	<4	<0.4	35	42	11
TP54_7.5	7/11/2019	230418	7.5	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	13	36	15
TP54_8	7/11/2019	230418	8	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	16	17	12
TP56_9.5	7/11/2019	230418	9.5	Normal	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	12	26	13
TP62_6	7/11/2019	230418	6	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	17	8	42
TP62_6.5	7/11/2019	230418	6.5	Normal	3.2	17	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	11	21	54
TP62_7	7/11/2019	230418	7	Normal	0.2	1.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	15	28	54
TP62_7.5	7/11/2019	230418	7.5	Normal	0.7	3.7	-	<100	<100	130	<50	<50	130	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	12	25	61
TP62_8	7/11/2019	230418	8	Normal	0.3	2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	12	29	51
TP61-6.0	13/11/2019	230804	6	Normal	1.5	9.3	-	160	210	500	<50	<50	310	190	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	12	18	70
TP61-6.5	13/11/2019	230804	6.5	Normal	0.2	1.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	11	23	45
TP61-7.0	13/11/2019	230804	7	Normal	0.5	3.7	-	320	240	660	<50	<50	470	180	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	<4	<0.4	7	18	27
TP61-7.5	13/11/2019	230804	7.5	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	16	32	280
TP61-8.0	13/11/2019	230804	8	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	25	<0.4	13	66	14
TP41_6	29/11/2019	231950	6	Normal	0.2	0.64	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	14	28	48
TP41_6.5	29/11/2019	231950	6.5	Normal	0.2	0.98	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	16	17	25
TP41_7	29/11/2019	231950	7	Normal	0.4	2.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	16	13	32
TP41_7.5	29/11/2019	231950	7.5	Normal	48	250	-	390	260	730	<50	<50	580	160	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	4	0.5	10	67	380
TP41_8	29/11/2019	231950	8	Normal	0.2	1.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	16	33	66
TP40_5.5	9/12/2019	232787		Normal	17	110	-	300	220	600	<50	<50	460	140	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	11	53	230
TP40_6.0	9/12/2019	232787		Normal	10	69	-	200	170	450	<50	<50	320	120	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	18	36	120
TP40_6.5	9/12/2019	232787		Normal	70	480	-	1100	450	1700	<50	140	1300	240	140	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	15	38	75
TP40_7.0	9/12/2019	232787		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	14	<0.4	15	7	11
TP40_7.5	9/12/2019	232787		Normal	3.5	21	-	110	100	180	<50	<50	180	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	13	47	300
TP60_5.5	9/12/2019	232787		Normal	1.2	7.7	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	13	22	49
TP60_6.0	9/12/2019	232787		Normal	0.6	4.3	-	<100	<100	100	<50	<50	100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	4	<0.4	12	34	93

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																						
TP60_6.5	9/12/2019	232787		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	<4	<0.4	5	16	14
TP60_7.0	9/12/2019	232787		Normal	3.7	23	-	120	100	190	<50	<50	190	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	16	67	240
TP60_7.5	9/12/2019	232787		Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	8	<0.4	24	29	13
TP38_6	17/12/2019	233502	6	Normal	0.1	0.4	-	<100	<100	80	87	85	<100	<100	85	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	14	43	74
TP38_6.5	17/12/2019	233502	6.5	Normal	0.2	1.6	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	4	<0.4	15	18	28
TP38_7	17/12/2019	233502	7	Normal	0.6	3.5	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	<4	<0.4	9	28	19
TP38_7.5	17/12/2019	233502	7.5	Normal	3.2	18	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	4	<0.4	20	29	22
TP38_8	17/12/2019	233502	8	Normal	1.8	12	-	<100	220	420	<50	<50	220	200	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	9	<0.4	18	43	120
TP39_6	17/12/2019	233502	6	Normal	5.2	32	-	130	120	220	<50	<50	220	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	0.5	13	52	550
TP39_6.5	17/12/2019	233502	6.5	Normal	0.4	2.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	16	24	29
TP39_7	17/12/2019	233502	7	Normal	0.4	2.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	<4	<0.4	10	14	77
TP39_7.5	17/12/2019	233502	7.5	Normal	1.5	9	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	16	27	350
TP39_8	17/12/2019	233502	8	Normal	0.7	4.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	<4	<0.4	8	17	59
TP58_6	17/12/2019	233502	6	Normal	0.3	1.9	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	11	17	31
TP58_6.5	17/12/2019	233502	6.5	Normal	4	23	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	11	18	71
TP58_7	17/12/2019	233502	7	Normal	0.6	4.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	4	<0.4	15	28	52
TP58_7.5	17/12/2019	233502	7.5	Normal	0.1	0.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	14	33	27
TP58_8	17/12/2019	233502	8	Normal	0.2	0.54	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	6	<0.4	13	48	22
TP59_6	17/12/2019	233502	6	Normal	1.4	8.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	5	<0.4	13	25	38
TP59_6.5	17/12/2019	233502	6.5	Normal	0.7	4.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	12	18	23
TP59_7	17/12/2019	233502	7	Normal	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	10	<0.4	12	20	31
TP59_7.5	17/12/2019	233502	7.5	Normal	0.2	1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	15	34	22
TP59_8	17/12/2019	233502	8	Normal	0.7	4.4	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1	<3	<25	-	7	<0.4	10	21	55
UFH4SP1-1	15/05/2020	ES2016971		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	8	<1	14	32	31
UFH4SP1-10	15/05/2020	ES2016971		Normal	1.2	-	-	<100	<100	120	<50	<50	120	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	10	<1	14	38	39
UFH4SP1-2	15/05/2020	ES2016971		Normal	0.6	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	9	<1	14	37	28
UFH4SP1-3	15/05/2020	ES2016971		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	9	<1	14	34	20
UFH4SP1-4	15/05/2020	ES2016971		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	9	<1	15	36	32
UFH4SP1-5	15/05/2020	ES2016971		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	8	<1	21	31	33
UFH4SP1-6	15/05/2020	ES2016971		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	10	<1	16	40	39
UFH4SP1-7	15/05/2020	ES2016971		Normal	<0.5	-	-	<100	<100	120	<50	<50	120	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	8	<1	14	30	24
UFH4SP1-8	15/05/2020	ES2016971		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	10	<1	21	47	32
UFH4SP1-9	15/05/2020	ES2016971		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	8	<1	13	32	30
UFH4-SP2-1	6/07/2020	ES2023317		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	14	<1	31	22	30
UFH4-SP2-10	6/07/2020	ES2023317		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	14	<1	18	54	15
UFH4-SP2-2	6/07/2020	ES2023317		Normal	<0.5	-	-	110	120	190	<50	<50	190	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	8	<1	13	35	28

			pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil								BTEX	Metals				
	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1	0.3	10	2	1	0.3	0.3	0.5	1
CRC Care (2011) Direct Contact HSL D - Comm/Ind									**27000**	**38,000**	**20,000**	**99000**			**430**	**27000**		**81000**	**26,000**						
NEPM (1999) EIL - Commercial/Industrial																					**160**		**680**	**290**	**1800**
NEPM (1999) ESL - Commercial/Industrial (fine)									**2500**	**6600**	**170**	**135**			**95**	**185**		**95**							
NEPM (1999) HIL D - Commercial/Industrial		**4000**																			**3000**	**900**		**240000**	**1500**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**	**NL**			**4**	**NL**		**NL**	**310**						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**	**NL**			**6**	**NL**		**NL**	**480**						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**	**NL**			**9**	**NL**		**NL**	**NL**						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**	**NL**			**NL**	**NL**		**NL**	**NL**						
NEPM (1999) Management Limits - Commercial/Industrial (fine)								**1000**	**5000**	**10000**	**1000**								**800**						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
UFH4-SP2-3	6/07/2020	ES2023317		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	14	<1	18	37	33
UFH4-SP2-4	6/07/2020	ES2023317		Normal	0.8	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	13	<1	22	32	59
UFH4-SP2-5	6/07/2020	ES2023317		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	12	<1	22	20	31
UFH4-SP2-6	6/07/2020	ES2023317		Normal	<0.5	-	-	300	320	700	<50	<50	530	170	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	6	<1	19	24	19
UFH4-SP2-7	6/07/2020	ES2023317		Normal	<0.5	-	-	310	320	700	<50	<50	540	160	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	5	<1	12	29	21
UFH4-SP2-8	6/07/2020	ES2023317		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	16	<1	17	24	31
UFH4-SP2-9	6/07/2020	ES2023317		Normal	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5	<0.5	<10	-	12	<1	16	24	24

Statistical Summary

Statistical Summary	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	m&p-Xylene	Arsenic	Cadmium	Chromium	Copper	Lead
Number of Results	439	419	90	439	439	339	439	439	439	439	439	439	439	439	439	439	439	339	439	170	439	439	439	439	439
Number of Detects	275	304	90	43	36	32	2	3	51	14	3	0	0	0	0	0	0	0	0	0	416	104	439	439	439
Minimum Concentration	<0.1	0	5	<45	<45	<50	<20	<25	0	<100	<25	<0.1	<10	<10	<0.1	<0.1	<0.1	<0.3	<10	<2	3	<0.3	5	6	6
Minimum Detect	0.1	0.05	5	45	46	80	25	60	100	110	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	0.3	5	6	6
Maximum Concentration	70	480	9.3	1100	460	1700	87	140	1300	240	140	<0.5	<25	<25	<0.2	<1	<1	<3	<25	<2	83	1.3	140	420	1100
Maximum Detect	70	480	9.3	1100	460	1700	87	140	1300	240	140	ND	ND	ND	ND	ND	ND	ND	ND	ND	83	1.3	140	420	1100
Average Concentration	1.2	7.4	7.9	59	54	80	22	23	74	56	23	0.21	12	12	0.09	0.4	0.4	0.81	12	1	8.3	0.28	17	37	72
Median Concentration	0.3	1.6	8.1	50	50	25	25	25	50	50	25	0.25	12.5	12.5	0.1	0.5	0.5	0.5	12.5	1	7	0.2	16	29	44
Standard Deviation	4.5	29	0.79	75	45	152	6.8	8.3	106	20	8.3	0.081	1.6	1.8	0.02	0.18	0.18	0.6	1.6	0	6.8	0.16	8.2	41	102
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0

								PCBs																								
					Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																														
NEPM (1999) EIL - Commercial/Industrial						300	690																							
NEPM (1999) ESL - Commercial/Industrial (fine)																														
NEPM (1999) HIL D - Commercial/Industrial					730	6000	400000									7				45					530					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																														
NEPM (1999) Management Limits - Commercial/Industrial (fine)																														
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																										
TP38-1	24/06/2016	148936		Normal	<0.1	12	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38-2	24/06/2016	148936		Normal	<0.1	16	92	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	-	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP38-3	24/06/2016	148936		Normal	<0.1	7	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38-4	24/06/2016	148936		Normal	<0.1	13	93	<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	-
TP38-5	24/06/2016	148936		Normal	<0.1	14	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-1	24/06/2016	148936		Normal	<0.1	14	65	<0.1	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	-	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP39-2	24/06/2016	148936		Normal	0.1	14	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-3	24/06/2016	148936		Normal	<0.1	9	69	<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	-
TP39-4	24/06/2016	148936		Normal	0.2	5	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-5	24/06/2016	148936		Normal	<0.1	8	38	<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	-
TP40-1	24/06/2016	148936		Normal	<0.1	18	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40-2	24/06/2016	148936		Normal	0.1	11	130	<0.1	<0.1	<0.1	<0.1	<0.1	1	<0.1	-	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP40-3	24/06/2016	148936		Normal	0.1	9	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40-4	24/06/2016	148936		Normal	0.2	19	460	<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	-
TP40-5	24/06/2016	148936		Normal	0.1	13	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-1	24/06/2016	148936		Normal	<0.1	10	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-2	24/06/2016	148936		Normal	<0.1	7	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-3	24/06/2016	148936		Normal	<0.1	5	38	<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	-
TP41-4	24/06/2016	148936		Normal	0.1	18	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-5	24/06/2016	148936		Normal	<0.1	26	62	<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	-
TP42-1	24/06/2016	148936		Normal	<0.1	11	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-2	24/06/2016	148936		Normal	<0.1	16	220	<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	-
TP42-3	24/06/2016	148936		Normal	<0.1	10	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-4	24/06/2016	148936		Normal	<0.1	7	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-5	24/06/2016	148936		Normal	0.2	6	39	<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	-
TP43-1	24/06/2016	148936		Normal	<0.1	8	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43-2	24/06/2016	148936		Normal	0.1	10	96	<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	-
TP43-3	24/06/2016	148936		Normal	<0.1	18	420	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43-4	24/06/2016	148936		Normal	0.3	130	250	<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	-
TP43-5	24/06/2016	148936		Normal	0.3	24	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-1	24/06/2016	148936		Normal	<0.1	5	16	<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	-
TP44-2	24/06/2016	148936		Normal	<0.1	7	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-3	24/06/2016	148936		Normal	<0.1	10	73	<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	-
TP44-4	24/06/2016	148936		Normal	0.2	15	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-5	24/06/2016	148936		Normal	0.2	11	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-1	24/06/2016	148936		Normal	<0.1	8	23	<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	-

					PCBs																										
				Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																													
NEPM (1999) EIL - Commercial/Industrial					300	690																							
NEPM (1999) ESL - Commercial/Industrial (fine)																													
NEPM (1999) HIL D - Commercial/Industrial				730	6000	400000									7				45					530					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																													
NEPM (1999) Management Limits - Commercial/Industrial (fine)																													
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																									
TP45-2	24/06/2016	148936		Normal	<0.1	9	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-3	24/06/2016	148936		Normal	0.1	12	130	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	-	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP45-4	24/06/2016	148936		Normal	0.1	4	510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-5	24/06/2016	148936		Normal	<0.1	5	950	<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	-
TP46-1	24/06/2016	148936		Normal	<0.1	8	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-2	24/06/2016	148936		Normal	<0.1	5	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-3	24/06/2016	148936		Normal	<0.1	6	7100	<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	-
TP46-4	24/06/2016	148936		Normal	<0.1	8	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-5	24/06/2016	148936		Normal	<0.1	8	760	<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	-
TP47-1	24/06/2016	149385		Normal	<0.1	15	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-2	24/06/2016	149385		Normal	<0.1	19	390	<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	-
TP47-3	24/06/2016	149385		Normal	<0.1	7	1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-4	24/06/2016	149385		Normal	<0.1	7	77	<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	-
TP47-5	24/06/2016	149385		Normal	<0.1	9	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-1	24/06/2016	149385		Normal	0.1	7	60	<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	-
TP48-2	24/06/2016	149385		Normal	<0.1	11	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-3	24/06/2016	149385		Normal	0.2	28	150	<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	-
TP48-4	24/06/2016	149980		Normal	<0.1	15	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-5	24/06/2016	149980		Normal	<0.1	15	130	<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	-
TP49-1	24/06/2016	149385		Normal	0.2	11	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49-2	24/06/2016	149980		Normal	<0.1	5	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49-3	24/06/2016	149980		Normal	<0.1	11	150	<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	-
TP49-4	24/06/2016	149980		Normal	0.1	15	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49-5	24/06/2016	149980		Normal	0.1	11	150	<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	-
TP50-1	24/06/2016	149385		Normal	<0.1	41	72	<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	-
TP50-2	24/06/2016	149385		Normal	<0.1	11	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP50-3	24/06/2016	149980		Normal	<0.1	11	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP50-4	24/06/2016	149385		Normal	<0.1	16	130	<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	-
TP50-5	24/06/2016	149980		Normal	<0.1	10	360	<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	-
TP51-1	24/06/2016	149980		Normal	1.7	6	110	<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	-
TP51-2	24/06/2016	149980		Normal	0.1	19	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP51-3	24/06/2016	149980		Normal	<0.1	29	80	<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	-
TP51-4	24/06/2016	149980		Normal	0.1	6	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP51-5	24/06/2016	149385		Normal	0.1	8	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP52-1	24/06/2016	149980		Normal	0.2	15	68	<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	-
TP52-2	24/06/2016	149980		Normal	0.1	5	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

								PCBs																								
				Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																														
NEPM (1999) EIL - Commercial/Industrial					300	690																								
NEPM (1999) ESL - Commercial/Industrial (fine)																														
NEPM (1999) HIL D - Commercial/Industrial				730	6000	400000									7				45					530						
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																														
NEPM (1999) Management Limits - Commercial/Industrial (fine)																														
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																										
TP52-3	24/06/2016	149385		Normal	0.1	6	41	<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	-
TP52-4	24/06/2016	149980		Normal	0.1	15	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP52-5	24/06/2016	149385		Normal	<0.1	11	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP53-1	24/06/2016	149385		Normal	<0.1	11	39	<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	-
TP53-2	24/06/2016	149980		Normal	<0.1	26	70	<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	-
TP53-3	24/06/2016	149980		Normal	<0.1	23	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP53-4	24/06/2016	149980		Normal	<0.1	16	54	<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	-
TP53-5	24/06/2016	149980		Normal	<0.1	18	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP54-1	24/06/2016	149385		Normal	<0.1	9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP54-2	24/06/2016	149385		Normal	<0.1	22	63	<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	-
TP54-3	24/06/2016	149385		Normal	<0.1	22	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP54-4	24/06/2016	149385		Normal	<0.1	19	65	<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	-
TP54-5	24/06/2016	149385		Normal	<0.1	20	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-1	24/06/2016	149385		Normal	<0.1	20	48	<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	-
TP55-2	24/06/2016	149385		Normal	<0.1	26	74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-3	24/06/2016	149385		Normal	<0.1	20	62	<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	-
TP55-4	24/06/2016	149385		Normal	<0.1	23	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-5	24/06/2016	149385		Normal	<0.1	21	62	<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	-
TP56-1	24/06/2016	149385		Normal	<0.1	14	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56-2	24/06/2016	149385		Normal	<0.1	23	67	<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	-
TP56-3	24/06/2016	149385		Normal	<0.1	23	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56-4	24/06/2016	149385		Normal	<0.1	17	51	<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	-
TP56-5	24/06/2016	149385		Normal	<0.1	20	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-1	24/06/2016	149385		Normal	<0.1	7	20	<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	-
TP57-2	24/06/2016	149385		Normal	<0.1	21	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-3	24/06/2016	149385		Normal	<0.1	16	51	<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	-
TP57-4	24/06/2016	149385		Normal	<0.1	20	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-5	24/06/2016	149385		Normal	<0.1	24	69	<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	-
TP58-1	23/09/2016	SE157495		Normal	0.11	12	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP58-2	23/09/2016	SE157495		Normal	0.11	8.8	64	<0.2	<0.2	<0.2	<0.2	<0.2	0.6	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP58-3	23/09/2016	SE157495		Normal	0.12	10	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP58-4	23/09/2016	SE157495		Normal	0.08	6.5	65	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP58-5	23/09/2016	SE157495		Normal	<0.05	6.9	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP59-1	23/09/2016	SE157495		Normal	0.07	12	68	<0.2	<0.2	<0.2	<0.2	<0.2	1	<0.2	<0.2	1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP59-2	23/09/2016	SE157495		Normal	0.26	7.5	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP59-3	23/09/2016	SE157495		Normal	0.07	6.9	190	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-

					PCBs																										
					Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																															
NEPM (1999) EIL - Commercial/Industrial						300	690																								
NEPM (1999) ESL - Commercial/Industrial (fine)																															
NEPM (1999) HIL D - Commercial/Industrial					730	6000	400000									7				45					530						
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																															
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																															
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																															
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																															
NEPM (1999) Management Limits - Commercial/Industrial (fine)																															
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																											
TP59-4	23/09/2016	SE157495		Normal	0.13	5.8	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP59-5	23/09/2016	SE157495		Normal	0.06	8.8	64	<0.2	<0.2	<0.2	<0.2	<0.2	0.5	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP60-1	23/09/2016	SE157495		Normal	<0.05	9	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP60-2	23/09/2016	SE157495		Normal	0.07	9.2	86	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP60-3	23/09/2016	SE157495		Normal	<0.05	2.4	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP60-4	23/09/2016	SE157495		Normal	0.05	10	140	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP60-5	23/09/2016	SE157495		Normal	0.08	3.8	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP61-1	23/09/2016	SE157495		Normal	0.06	6.3	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP61-2	23/09/2016	SE157495		Normal	0.07	5.7	52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP61-3	23/09/2016	SE157495		Normal	0.06	6.4	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP61-4	23/09/2016	SE157495		Normal	<0.05	9.1	48	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP61-5	23/09/2016	SE157495		Normal	<0.05	7.4	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP62-1	23/09/2016	SE157495		Normal	<0.05	5.1	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP62-2	23/09/2016	SE157495		Normal	<0.05	5.6	19	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP62-3	23/09/2016	SE157495		Normal	0.25	31	610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP62-4	23/09/2016	SE157495		Normal	0.31	9.9	180	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP62-5	23/09/2016	SE157495		Normal	0.14	21	530	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63-1	23/09/2016	SE157495		Normal	<0.05	6.7	20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP63-2	23/09/2016	SE157495		Normal	<0.05	6.1	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63-3	23/09/2016	SE157495		Normal	0.09	5.9	98	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP63-4	23/09/2016	SE157495		Normal	<0.05	6.4	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63-5	23/09/2016	SE157495		Normal	0.17	23	530	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP64-1	23/09/2016	SE157495		Normal	<0.05	7.2	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-2	23/09/2016	SE157495		Normal	<0.05	5.9	19	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP64-3	23/09/2016	SE157495		Normal	0.1	7.3	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-4	23/09/2016	SE157495		Normal	<0.05	12	45	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP64-5	23/09/2016	SE157495		Normal	0.17	7.5	74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-1	23/09/2016	SE157495		Normal	<0.05	5.7	23	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP65-2	23/09/2016	SE157495		Normal	<0.05	6.3	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-3	23/09/2016	SE157495		Normal	0.1	8.7	270	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP65-4	23/09/2016	SE157495		Normal	0.11	3.9	3400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-5	23/09/2016	SE157495		Normal	0.14	6.4	370	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP66-1	23/09/2016	SE157495		Normal	<0.05	6.1	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-2	23/09/2016	SE157495		Normal	<0.05	6.4	20	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP66-3	23/09/2016	SE157495		Normal	0.07	9.3	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-4	23/09/2016	SE157495		Normal	<0.05	15	130	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-

					PCBs																										
				Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																													
NEPM (1999) EIL - Commercial/Industrial					300	690																							
NEPM (1999) ESL - Commercial/Industrial (fine)																													
NEPM (1999) HIL D - Commercial/Industrial				730	6000	400000									7				45					530					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																													
NEPM (1999) Management Limits - Commercial/Industrial (fine)																													
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																									
TP66-5	23/09/2016	SE157495		Normal	0.08	5	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-1	23/09/2016	SE157495		Normal	<0.05	8.5	130	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP67-2	23/09/2016	SE157495		Normal	0.1	13	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-3	23/09/2016	SE157495		Normal	0.65	18	190	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP67-4	23/09/2016	SE157495		Normal	<0.05	3.7	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-5	23/09/2016	SE157495		Normal	0.08	6.8	52	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP68-1	23/09/2016	SE157495		Normal	0.09	33	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68-2	23/09/2016	SE157495		Normal	0.11	22	82	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP68-3	23/09/2016	SE157495		Normal	0.05	20	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68-4	23/09/2016	SE157495		Normal	<0.05	7.8	68	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP68-5	23/09/2016	SE157495		Normal	0.14	12	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP69-1	23/09/2016	SE157495		Normal	0.45	6.4	180	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP69-2	23/09/2016	SE157495		Normal	0.08	14	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP69-3	23/09/2016	SE157495		Normal	0.28	8.3	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP69-4	23/09/2016	SE157495		Normal	0.07	7.4	480	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP69-5	23/09/2016	SE157495		Normal	0.06	7.6	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP70-1	23/09/2016	SE157495		Normal	0.56	32	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP70-2	23/09/2016	SE157495		Normal	0.06	9.7	55	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP70-3	23/09/2016	SE157495		Normal	0.63	12	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP70-4	23/09/2016	SE157495		Normal	0.22	19	170	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP70-5	23/09/2016	SE157495		Normal	0.11	7.2	820	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP71-1	23/09/2016	SE157495		Normal	0.61	7	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP71-2	23/09/2016	SE157495		Normal	0.12	20	72	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP71-3	23/09/2016	SE157495		Normal	<0.05	2.8	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP71-4	23/09/2016	SE157495		Normal	<0.05	1.2	13	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP71-5	23/09/2016	SE157495		Normal	0.14	5.9	590	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP72-1	23/09/2016	SE157495		Normal	0.94	15	120	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP72-2	23/09/2016	SE157495		Normal	0.06	19	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP72-3	23/09/2016	SE157495		Normal	0.08	14	84	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	0.4	-	-
TP72-4	23/09/2016	SE157495		Normal	<0.05	13	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP72-5	23/09/2016	SE157495		Normal	0.06	16	110	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP73-1	23/09/2016	SE157495		Normal	0.12	12	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-2	23/09/2016	SE157495		Normal	0.09	9.6	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-3	23/09/2016	SE157495		Normal	0.15	11	110	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP73-4	23/09/2016	SE157495		Normal	0.07	14	260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-5	23/09/2016	SE157495		Normal	0.1	20	140	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-

														PCBs															
				Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																													
NEPM (1999) EIL - Commercial/Industrial					300	690																							
NEPM (1999) ESL - Commercial/Industrial (fine)																													
NEPM (1999) HIL D - Commercial/Industrial				730	6000	400000									7				45					530					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																													
NEPM (1999) Management Limits - Commercial/Industrial (fine)																													
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																									
TP74-1	23/09/2016	SE157495		Normal	0.07	8.7	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP74-2	23/09/2016	SE157495		Normal	0.09	13	110	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP74-3	23/09/2016	SE157495		Normal	0.09	11	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP74-4	23/09/2016	SE157495		Normal	0.19	13	140	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP74-5	23/09/2016	SE157495		Normal	0.19	13	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP75-1	23/09/2016	SE157495		Normal	<0.05	11	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP75-2	23/09/2016	SE157495		Normal	<0.05	20	81	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP75-3	23/09/2016	SE157495		Normal	<0.05	26	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP75-4	23/09/2016	SE157495		Normal	<0.05	17	67	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-
TP75-5	23/09/2016	SE157495		Normal	<0.05	21	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-52-10	24/09/2018	201559		Normal	<0.1	7	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-52-11	24/09/2018	201559		Normal	<0.1	12	81	<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	-	<0.1	-
TP-52-6	24/09/2018	201559		Normal	0.1	14	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-52-7	24/09/2018	201559		Normal	<0.1	12	85	<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	-	<0.1	-
TP-52-8	24/09/2018	201559		Normal	0.1	10	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-52-9	24/09/2018	201559		Normal	0.1	10	54	<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	-	<0.1	-
TP-72-10	24/09/2018	201559		Normal	0.1	17	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-72-11	24/09/2018	201559		Normal	<0.1	12	44	<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	-	<0.1	-
TP-72-6	24/09/2018	201559		Normal	0.4	6	290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-72-7	24/09/2018	201559		Normal	0.3	6	83	<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	-	<0.1	-
TP-72-8	24/09/2018	201559		Normal	<0.1	15	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-72-9	24/09/2018	201559		Normal	0.1	10	89	<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	-	<0.1	-
TP-50_10	17/10/2018	203512	10	Normal	0.1	11	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-50_6	17/10/2018	203512	6	Normal	0.4	8	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-50_7	17/10/2018	203512	7	Normal	0.2	9	210	<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	-	0.1	-
TP-50_8	17/10/2018	203512	8	Normal	0.3	11	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-50_9	17/10/2018	203512	9	Normal	<0.1	10	63	<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	-	<0.1	-
TP-69_10	17/10/2018	203512	10	Normal	0.3	16	87	<0.1	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	-	0.4	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP-69_6	17/10/2018	203512	6	Normal	0.2	11	55	<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	-	<0.1	-
TP-69_7	17/10/2018	203512	7	Normal	0.2	15	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-69_8	17/10/2018	203512	8	Normal	<0.1	22	55	<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	-	<0.1	-
TP-69_9	17/10/2018	203512	9	Normal	0.2	21	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-70_10	17/10/2018	203512	10	Normal	0.1	12	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-70_6	17/10/2018	203512	6	Normal	0.2	14	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-70_7	17/10/2018	203512	7	Normal	0.1	12	190	<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	-	<0.1	-
TP-70_8	17/10/2018	203512	8	Normal	0.1	13	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

					PCBs																								
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
					Mercury	Nickel	Zinc																						
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																													
NEPM (1999) EIL - Commercial/Industrial						300	690																						
NEPM (1999) ESL - Commercial/Industrial (fine)																													
NEPM (1999) HIL D - Commercial/Industrial					730	6000	400000						7				45					530							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																													
NEPM (1999) Management Limits - Commercial/Industrial (fine)																													
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																									
TP-70_9	17/10/2018	203512	9	Normal	0.2	11	98	<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	-	-	<0.1	-	<0.1	-
TP-71_10	17/10/2018	203512	10	Normal	0.1	9	42	<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	-	-	<0.1	-	<0.1	-
TP-71_6	17/10/2018	203512	6	Normal	0.1	11	120	<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	-	-	<0.1	-	<0.1	-
TP-71_7	17/10/2018	203512	7	Normal	<0.1	13	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-71_8	17/10/2018	203512	8	Normal	0.2	16	160	<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	-	-	<0.1	-	<0.1	-
TP-71_9	17/10/2018	203512	9	Normal	0.1	16	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_10	25/10/2018	204105	10	Normal	0.1	11	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_6	25/10/2018	204105	6	Normal	0.2	15	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_7	25/10/2018	204105	7	Normal	<0.1	13	61	<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	-	-	<0.1	-	<0.1	-
TP49_8	25/10/2018	204105	8	Normal	0.1	12	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_9	25/10/2018	204105	9	Normal	0.2	10	70	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP68_10	25/10/2018	204105	10	Normal	0.2	4	80	<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	-	-	<0.1	-	<0.1	-
TP68_11	25/10/2018	204105	11	Normal	<0.1	12	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68_6	25/10/2018	204105	6	Normal	0.1	12	150	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP68_7	25/10/2018	204105	7	Normal	0.1	11	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68_8	25/10/2018	204105	8	Normal	0.1	13	200	<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	-	-	<0.1	-	<0.1	-
TP68_9	25/10/2018	204105	9	Normal	0.2	11	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-10.0	26/10/2018	204204		Normal	0.2	20	170	<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	-	-	<0.1	-	0.1	-
TP47-6.0	26/10/2018	204204		Normal	0.6	13	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-7.0	26/10/2018	204204		Normal	0.2	9	120	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	-	<0.3	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP47-8.0	26/10/2018	204204		Normal	0.6	23	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-9.0	26/10/2018	204204		Normal	0.3	23	200	<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	-	-	<0.1	-	<0.1	-
TP48-10.0	26/10/2018	204204		Normal	0.7	7	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-6.0	26/10/2018	204204		Normal	0.2	9	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-7.0	26/10/2018	204204		Normal	<0.1	15	100	<0.1	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	-	0.4	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP48-8.0	26/10/2018	204204		Normal	0.2	26	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-9.0	26/10/2018	204204		Normal	1	8	88	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	-	0.2	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP67-10.0	26/10/2018	204204		Normal	0.2	14	94	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	<0.3	-	0.6	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP67-6.0	26/10/2018	204204		Normal	0.3	10	94	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	-	0.6	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP67-7.0	26/10/2018	204204		Normal	0.1	18	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-8.0	26/10/2018	204204		Normal	0.2	14	220	<0.1	<0.1	<0.1	<0.1	<0.5	2.4	<0.5	-	2.4	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP67-9.0	26/10/2018	204204		Normal	0.1	15	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-10	29/10/2018	204325		Normal	<0.1	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-6	29/10/2018	204325		Normal	0.2	4	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-7	29/10/2018	204325		Normal	0.3	18	380	<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	-	-	<0.1	-	<0.1	-
TP44-8	29/10/2018	204325		Normal	0.2	31	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

					PCBs																										
					Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
	Mercury	Nickel	Zinc																												
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																											
NEPM (1999) EIL - Commercial/Industrial		300	690																								
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HIL D - Commercial/Industrial	730	6000	400000										7				45					530					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																								
TP44-9	29/10/2018	204325		Normal	0.4	23	280	<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	-	-	<0.1	-	<0.1	-
TP45-10	29/10/2018	204325		Normal	0.2	10	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-6	29/10/2018	204325		Normal	0.1	15	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-7	29/10/2018	204325		Normal	0.1	17	67	<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	-	-	<0.1	-	<0.1	-
TP45-8	29/10/2018	204325		Normal	<0.1	14	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-9	29/10/2018	204325		Normal	0.1	17	150	<0.1	<0.1	<0.1	<0.1	<1	11	<1	-	11	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP46-10	29/10/2018	204325		Normal	0.2	17	120	<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	-	<0.1	-
TP46-6	29/10/2018	204325		Normal	<0.1	12	74	<0.1	<0.1	<0.1	<0.1	<0.2	0.3	<0.2	-	0.3	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP46-7	29/10/2018	204325		Normal	0.1	8	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-8	29/10/2018	204325		Normal	<0.1	20	94	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	-	0.2	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP46-9	29/10/2018	204325		Normal	<0.1	10	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-10	29/10/2018	204325		Normal	0.1	15	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-6	29/10/2018	204325		Normal	0.2	12	680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-7	29/10/2018	204325		Normal	0.2	20	390	<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	-	<0.1	-
TP64-8	29/10/2018	204325		Normal	<0.1	13	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-9	29/10/2018	204325		Normal	<0.1	17	70	<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	-	<0.1	-
TP65-10	29/10/2018	204325		Normal	<0.1	20	100	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	-	0.2	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP65-6	29/10/2018	204325		Normal	<0.1	8	31	<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	-	<0.1	-
TP65-7	29/10/2018	204325		Normal	0.2	17	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-8	29/10/2018	204325		Normal	0.1	12	130	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	-	0.2	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP65-9	29/10/2018	204325		Normal	<0.1	20	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-10	29/10/2018	204325		Normal	0.1	9	220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-6	29/10/2018	204325		Normal	0.1	16	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-7	29/10/2018	204325		Normal	0.1	11	140	<0.1	<0.1	<0.1	<0.1	<0.2	0.4	<0.2	-	0.4	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP66-8	29/10/2018	204325		Normal	0.2	17	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-9	29/10/2018	204325		Normal	0.1	10	150	<0.1	<0.1	<0.1	<0.1	<0.2	0.4	<0.2	-	0.4	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
EB-1	20/06/2019	220093		Normal	<0.1	6	16	<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	-	<0.1	-
EB-2	20/06/2019	220093		Normal	<0.1	15	56	<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	-	<0.1	-
EB-3	20/06/2019	220093		Normal	<0.1	14	45	<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	-	<0.1	-
EB-4	20/06/2019	220093		Normal	<0.1	16	48	<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	-	<0.1	-
EB-5	20/06/2019	220093		Normal	<0.1	8	32	<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	-	<0.1	-
TP73-10	28/06/2019	220692	10	Normal	<0.1	13	56	<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	-	<0.1	-
TP73-6	28/06/2019	220692	6	Normal	<0.1	16	52	<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	-	<0.1	-
TP73-7	28/06/2019	220692	7	Normal	<0.1	15	48	<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	-	<0.1	-
TP73-8	28/06/2019	220692	8	Normal	<0.1	16	52	<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	-	<0.1	-
TP73-9	28/06/2019	220692	9	Normal	<0.1	15	53	<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	-	<0.1	-

								PCBs																								
				Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																														
NEPM (1999) EIL - Commercial/Industrial					300	690																								
NEPM (1999) ESL - Commercial/Industrial (fine)																														
NEPM (1999) HIL D - Commercial/Industrial				730	6000	400000									7				45					530						
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																														
NEPM (1999) Management Limits - Commercial/Industrial (fine)																														
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																										
EB-10	17/07/2019	221918		Normal	<0.1	25	63	<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	-	-	<0.1	-	<0.1	-
EB-11	17/07/2019	221918		Normal	<0.1	8	26	<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	-	-	<0.1	-	<0.1	-
EB-12	17/07/2019	221918		Normal	<0.1	8	21	<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	-	-	<0.1	-	<0.1	-
EB-13	17/07/2019	221918		Normal	<0.1	9	27	<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	-	-	<0.1	-	<0.1	-
EB-14	17/07/2019	221918		Normal	<0.1	11	33	<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	-	-	<0.1	-	<0.1	-
EB-15	17/07/2019	221918		Normal	<0.1	8	19	<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	-	-	<0.1	-	<0.1	-
EB-6	17/07/2019	221918		Normal	<0.1	7	58	<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	-	-	<0.1	-	<0.1	-
EB-7	17/07/2019	221918		Normal	<0.1	11	36	<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	-	-	<0.1	-	<0.1	-
EB-8	17/07/2019	221918		Normal	<0.1	19	44	<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	-	-	<0.1	-	<0.1	-
EB-9	17/07/2019	221918		Normal	<0.1	14	52	<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	-	-	<0.1	-	<0.1	-
EB-16	1/08/2019	223004		Normal	<0.1	20	57	<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	-	-	<0.1	-	<0.1	-
EB-17	1/08/2019	223004		Normal	<0.1	18	57	<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	-	-	<0.1	-	<0.1	-
EB-18	1/08/2019	223004		Normal	0.1	16	51	<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	-	-	<0.1	-	<0.1	-
EB-19	1/08/2019	223004		Normal	<0.1	18	58	<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	-	-	<0.1	-	<0.1	-
EB-20	1/08/2019	223004		Normal	<0.1	16	58	<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	-	-	<0.1	-	<0.1	-
EB21	9/08/2019	223636		Normal	<0.1	20	77	<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	-	-	<0.1	-	<0.1	-
EB22	9/08/2019	223636		Normal	<0.1	21	64	<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	-	-	<0.1	-	<0.1	-
EB23	9/08/2019	223636		Normal	<0.1	13	36	<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	-	-	<0.1	-	<0.1	-
EB24	9/08/2019	223636		Normal	<0.1	28	71	<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	-	-	<0.1	-	<0.1	-
EB25	9/08/2019	223636		Normal	<0.1	23	62	<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	-	-	<0.1	-	<0.1	-
EB-26	22/08/2019	224601		Normal	0.1	14	72	<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	-	-	<0.1	-	<0.1	-
EB-27	22/08/2019	224601		Normal	<0.1	12	63	<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	-	-	<0.1	-	<0.1	-
EB-28	22/08/2019	224601		Normal	<0.1	13	60	<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	-	-	<0.1	-	<0.1	-
EB-29	22/08/2019	224601		Normal	<0.1	11	76	<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	-	-	<0.1	-	<0.1	-
EB-30	22/08/2019	224601		Normal	<0.1	14	54	<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	-	-	<0.1	-	<0.1	-
TP53-10	22/08/2019	224601		Normal	<0.1	6	16	<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	-	-	<0.1	-	<0.1	-
TP53-6	22/08/2019	224601		Normal	<0.1	8	27	<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	-	-	<0.1	-	<0.1	-
TP53-7	22/08/2019	224601		Normal	<0.1	10	32	<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	-	-	<0.1	-	<0.1	-
TP53-8	22/08/2019	224601		Normal	<0.1	9	28	<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	-	-	<0.1	-	<0.1	-
TP53-9	22/08/2019	224601		Normal	<0.1	7	25	<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	-	-	<0.1	-	<0.1	-
TP74-10	22/08/2019	224601		Normal	<0.1	8	36	<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	-	-	<0.1	-	<0.1	-
TP74-6	22/08/2019	224601		Normal	<0.1	6	24	<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	-	-	<0.1	-	<0.1	-
TP74-7	22/08/2019	224601		Normal	<0.1	8	27	<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	-	-	<0.1	-	<0.1	-
TP74-8	22/08/2019	224601		Normal	<0.1	8	33	<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	-	-	<0.1	-	<0.1	-
TP74-9	22/08/2019	224601		Normal	<0.1	7	28	<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	-	-	<0.1	-	<0.1	-
EB31	3/09/2019	225351	1	Normal	<0.1	8	36	<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	-	-	<0.1	-	<0.1	-

				PCBs																							
				Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																												
NEPM (1999) EIL - Commercial/Industrial					300	690																						
NEPM (1999) ESL - Commercial/Industrial (fine)																												
NEPM (1999) HIL D - Commercial/Industrial				730	6000	400000									7				45					530				
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																												
NEPM (1999) Management Limits - Commercial/Industrial (fine)																												
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																								
EB32	3/09/2019	225351	1	Normal	<0.1	17	50	<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	-	-	<0.1	-	<0.1	-
EB33	3/09/2019	225351	3	Normal	<0.1	12	56	<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	-	-	<0.1	-	<0.1	-
EB34	3/09/2019	225351	4	Normal	<0.1	10	45	<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	-	-	<0.1	-	<0.1	-
EB35	3/09/2019	225351	5	Normal	<0.1	3	15	<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	-	-	<0.1	-	<0.1	-
EB36	3/10/2019	227648		Normal	<0.1	5	23	<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	-	-	<0.1	-	<0.1	-
EB37	3/10/2019	227648		Normal	<0.1	2	7	<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	-	-	<0.1	-	<0.1	-
UFEBP10_Surface 1	16/10/2019	228806		Normal	<0.1	11	30	<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	-	-	<0.1	-	<0.1	-
UFEBP10_Surface 2	16/10/2019	228806		Normal	<0.1	8	26	<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	-	-	<0.1	-	<0.1	-
UFEBP10_Surface 3	16/10/2019	228806		Normal	<0.1	10	31	<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	-	-	<0.1	-	<0.1	-
UFEBP10_Surface 4	16/10/2019	228806		Normal	<0.1	19	62	<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	-	-	<0.1	-	<0.1	-
TP56_6.0	18/10/2019	228813		Normal	<0.1	14	45	<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	-	-	<0.1	-	<0.1	-
TP56_7.0	18/10/2019	228813		Normal	<0.1	12	39	<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	-	-	<0.1	-	<0.1	-
TP56_8.0	18/10/2019	228813		Normal	<0.1	12	43	<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	-	-	<0.1	-	<0.1	-
TP56_9.0	18/10/2019	228813		Normal	<0.1	12	45	<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	-	-	<0.1	-	<0.1	-
UFEBP10_1	18/10/2019	228806		Normal	<0.1	13	38	<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	-	-	<0.1	-	<0.1	-
UFEBP10_10	18/10/2019	228806		Normal	<0.1	11	38	<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	-	-	<0.1	-	<0.1	-
UFEBP10_2	18/10/2019	228806		Normal	<0.1	11	34	<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	-	-	<0.1	-	<0.1	-
UFEBP10_3	18/10/2019	228806		Normal	<0.1	19	110	<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	-	-	<0.1	-	<0.1	-
UFEBP10_4	18/10/2019	228806		Normal	<0.1	12	71	<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	-	-	<0.1	-	<0.1	-
UFEBP10_5	18/10/2019	228806		Normal	<0.1	8	48	<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	-	-	<0.1	-	<0.1	-
UFEBP10_6	18/10/2019	228806		Normal	0.1	10	77	<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	-	-	<0.1	-	<0.1	-
UFEBP10_7	18/10/2019	228806		Normal	<0.1	14	51	<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	-	-	<0.1	-	<0.1	-
UFEBP10_8	18/10/2019	228806		Normal	<0.1	14	41	<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	-	-	<0.1	-	<0.1	-
UFEBP10_9	18/10/2019	228806		Normal	<0.1	17	56	<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	-	-	<0.1	-	<0.1	-
TP43_6.0	23/10/2019	229078		Normal	<0.1	16	54	<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	-	-	<0.1	-	<0.1	-
TP55_6.0	23/10/2019	229078		Normal	<0.1	7	18	<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	-	-	<0.1	-	<0.1	-
TP55_7.0	23/10/2019	229078		Normal	<0.1	11	47	<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	-	-	<0.1	-	<0.1	-
TP43_10.0	28/10/2019	229470		Normal	<0.1	22	65	<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	-	-	<0.1	-	<0.1	-
TP43_7.0	28/10/2019	229470		Normal	0.3	13	240	<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	-	-	<0.1	-	<0.1	-
TP43_8.0	28/10/2019	229470		Normal	0.3	12	180	<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	-	-	<0.1	-	<0.1	-
TP43_9.0	28/10/2019	229470		Normal	0.2	5	60	<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	-	-	<0.1	-	<0.1	-
TP63_6.0	28/10/2019	229470		Normal	0.1	12	130	<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	-	-	<0.1	-	<0.1	-
TP63_7.0	28/10/2019	229470		Normal	<0.1	22	63	<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	-	-	<0.1	-	<0.1	-
TP63_10.0	29/10/2019	229507		Normal	<0.1	13	45	<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	-	-	<0.1	-	<0.1	-
TP63_8.0	29/10/2019	229507		Normal	0.2	32	240	<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	-	-	<0.1	-	<0.1	-
TP63_9.0	29/10/2019	229507		Normal	0.1	14	85	<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	-	-	<0.1	-	<0.1	-

					PCBs																								
				Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																													
NEPM (1999) EIL - Commercial/Industrial					300	690																							
NEPM (1999) ESL - Commercial/Industrial (fine)																													
NEPM (1999) HIL D - Commercial/Industrial				730	6000	400000									7				45					530					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																													
NEPM (1999) Management Limits - Commercial/Industrial (fine)																													
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																									
TP55-8.0	31/10/2019	229995		Normal	<0.1	16	45	<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	<0.1	-	-	<0.1	-	<0.1	-
TP55-8.5	31/10/2019	229995		Normal	<0.1	15	44	<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	<0.1	-	-	<0.1	-	<0.1	-
TP55-9.0	31/10/2019	229995		Normal	<0.1	17	58	<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	<0.1	-	-	<0.1	-	<0.1	-
TP42_6	1/11/2019	229991	6	Normal	0.1	13	180	<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	<0.1	-	-	<0.1	-	<0.1	-
TP42_6.5	1/11/2019	229991	6.5	Normal	<0.1	84	89	<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	<0.1	-	-	<0.1	-	<0.1	-
TP42_7	1/11/2019	229991	7	Normal	0.1	17	150	<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	<0.1	-	-	<0.1	-	<0.1	-
TP42_7.5	1/11/2019	229991	7.5	Normal	0.1	14	130	<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	<0.1	-	-	<0.1	-	<0.1	-
TP42_8	1/11/2019	229991	8	Normal	<0.1	28	68	<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	<0.1	-	-	<0.1	-	<0.1	-
TP54_6	7/11/2019	230418	6	Normal	<0.1	17	22	<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	<0.1	-	-	<0.1	-	<0.1	-
TP54_6.5	7/11/2019	230418	6.5	Normal	<0.1	4	17	<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	<0.1	-	-	<0.1	-	<0.1	-
TP54_7	7/11/2019	230418	7	Normal	<0.1	35	45	<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	<0.1	-	-	<0.1	-	<0.1	-
TP54_7.5	7/11/2019	230418	7.5	Normal	<0.1	16	49	<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	<0.1	-	-	<0.1	-	<0.1	-
TP54_8	7/11/2019	230418	8	Normal	<0.1	8	34	<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	<0.1	-	-	<0.1	-	<0.1	-
TP56_9.5	7/11/2019	230418	9.5	Normal	<0.1	14	50	<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	<0.1	-	-	<0.1	-	<0.1	-
TP62_6	7/11/2019	230418	6	Normal	<0.1	3	48	<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	<0.1	-	-	<0.1	-	<0.1	-
TP62_6.5	7/11/2019	230418	6.5	Normal	<0.1	8	53	<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	<0.1	-	-	<0.1	-	<0.1	-
TP62_7	7/11/2019	230418	7	Normal	<0.1	11	79	<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	<0.1	-	-	<0.1	-	<0.1	-
TP62_7.5	7/11/2019	230418	7.5	Normal	<0.1	7	68	<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	<0.1	-	-	<0.1	-	<0.1	-
TP62_8	7/11/2019	230418	8	Normal	<0.1	15	84	<0.1	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	-	0.4	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP61-6.0	13/11/2019	230804	6	Normal	<0.1	7	60	<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	<0.1	-	-	<0.1	-	<0.1	-
TP61-6.5	13/11/2019	230804	6.5	Normal	<0.1	10	77	<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	<0.1	-	-	<0.1	-	<0.1	-
TP61-7.0	13/11/2019	230804	7	Normal	<0.1	13	66	<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	<0.1	-	-	<0.1	-	<0.1	-
TP61-7.5	13/11/2019	230804	7.5	Normal	<0.1	8	230	<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	<0.1	-	-	<0.1	-	<0.1	-
TP61-8.0	13/11/2019	230804	8	Normal	<0.1	24	56	<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	<0.1	-	-	<0.1	-	<0.1	-
TP41_6	29/11/2019	231950	6	Normal	0.1	9	71	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	-	0.6	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP41_6.5	29/11/2019	231950	6.5	Normal	<0.1	12	38	<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	<0.1	-	-	<0.1	-	<0.1	-
TP41_7	29/11/2019	231950	7	Normal	<0.1	5	37	<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	<0.1	-	-	<0.1	-	<0.1	-
TP41_7.5	29/11/2019	231950	7.5	Normal	0.2	12	360	<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	<0.1	-	-	<0.1	-	<0.1	-
TP41_8	29/11/2019	231950	8	Normal	<0.1	19	93	<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	<0.1	-	-	<0.1	-	<0.1	-
TP40_5.5	9/12/2019	232787		Normal	0.4	10	150	<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	<0.1	-	-	<0.1	-	<0.1	-
TP40_6.0	9/12/2019	232787		Normal	0.1	10	100	<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	<0.1	-	-	<0.1	-	<0.1	-
TP40_6.5	9/12/2019	232787		Normal	<0.1	11	97	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.1	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	<0.5	-	<0.5	-
TP40_7.0	9/12/2019	232787		Normal	<0.1	2	7	<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	<0.1	-	-	<0.1	-	<0.1	-
TP40_7.5	9/12/2019	232787		Normal	0.2	14	330	<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	<0.1	-	-	<0.1	-	<0.1	-
TP60_5.5	9/12/2019	232787		Normal	<0.1	8	72	<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	<0.1	-	-	<0.1	-	<0.1	-
TP60_6.0	9/12/2019	232787		Normal	0.1	7	130	<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	<0.1	-	-	<0.1	-	<0.1	-

								PCBs																								
				Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																														
NEPM (1999) EIL - Commercial/Industrial					300	690																								
NEPM (1999) ESL - Commercial/Industrial (fine)																														
NEPM (1999) HIL D - Commercial/Industrial				730	6000	400000									7				45					530						
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																														
NEPM (1999) Management Limits - Commercial/Industrial (fine)																														
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																										
TP60_6.5	9/12/2019	232787		Normal	<0.1	2	8	<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	-	-	<0.1	-	<0.1	-
TP60_7.0	9/12/2019	232787		Normal	0.3	15	230	<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	-	-	<0.1	-	<0.1	-
TP60_7.5	9/12/2019	232787		Normal	<0.1	23	64	<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	-	-	<0.1	-	<0.1	-
TP38_6	17/12/2019	233502	6	Normal	<0.1	14	91	<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	-	-	<0.1	-	<0.1	-
TP38_6.5	17/12/2019	233502	6.5	Normal	<0.1	11	32	<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	-	-	<0.1	-	<0.1	-
TP38_7	17/12/2019	233502	7	Normal	<0.1	22	39	<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	-	-	<0.1	-	<0.1	-
TP38_7.5	17/12/2019	233502	7.5	Normal	<0.1	34	69	<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	-	-	<0.1	-	<0.1	-
TP38_8	17/12/2019	233502	8	Normal	0.1	12	140	-	-	-	-	-	-	-	-	1.4	<0.1	<0.1	0.6	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP39_6	17/12/2019	233502	6	Normal	0.2	10	330	<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	-	-	<0.1	-	<0.1	-
TP39_6.5	17/12/2019	233502	6.5	Normal	<0.1	19	49	<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	-	-	<0.1	-	<0.1	-
TP39_7	17/12/2019	233502	7	Normal	0.8	4	54	<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	-	-	<0.1	-	<0.1	-
TP39_7.5	17/12/2019	233502	7.5	Normal	0.2	11	300	<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	-	-	<0.1	-	<0.1	-
TP39_8	17/12/2019	233502	8	Normal	0.3	6	48	<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	-	-	<0.1	-	<0.1	-
TP58_6	17/12/2019	233502	6	Normal	<0.1	7	44	<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	-	-	<0.1	-	<0.1	-
TP58_6.5	17/12/2019	233502	6.5	Normal	<0.1	5	77	<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	-	-	<0.1	-	<0.1	-
TP58_7	17/12/2019	233502	7	Normal	0.2	19	75	<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	-	-	<0.1	-	<0.1	-
TP58_7.5	17/12/2019	233502	7.5	Normal	<0.1	24	120	-	-	-	-	-	-	-	-	3	0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP58_8	17/12/2019	233502	8	Normal	<0.1	25	93	-	-	-	-	-	-	-	-	1.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1	-
TP59_6	17/12/2019	233502	6	Normal	<0.1	20	77	<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	-	-	<0.1	-	<0.1	-
TP59_6.5	17/12/2019	233502	6.5	Normal	<0.1	11	40	<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	-	-	<0.1	-	<0.1	-
TP59_7	17/12/2019	233502	7	Normal	<0.1	8	95	<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	-	-	<0.1	-	<0.1	-
TP59_7.5	17/12/2019	233502	7.5	Normal	0.1	35	56	<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	-	-	<0.1	-	<0.1	-
TP59_8	17/12/2019	233502	8	Normal	0.1	8	66	<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	-	-	<0.1	-	<0.1	-
UFH4SP1-1	15/05/2020	ES2016971		Normal	<0.1	14	231	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4SP1-10	15/05/2020	ES2016971		Normal	<0.1	18	266	-	-	-	-	-	-	-	-	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4SP1-2	15/05/2020	ES2016971		Normal	<0.1	16	201	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4SP1-3	15/05/2020	ES2016971		Normal	<0.1	17	102	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4SP1-4	15/05/2020	ES2016971		Normal	<0.1	19	325	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4SP1-5	15/05/2020	ES2016971		Normal	0.1	22	142	-	-	-	-	-	-	-	-	0.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4SP1-6	15/05/2020	ES2016971		Normal	<0.1	18	162	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4SP1-7	15/05/2020	ES2016971		Normal	<0.1	23	115	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4SP1-8	15/05/2020	ES2016971		Normal	<0.1	23	139	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4SP1-9	15/05/2020	ES2016971		Normal	<0.1	16	292	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4-SP2-1	6/07/2020	ES2023317		Normal	<0.1	15	88	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4-SP2-10	6/07/2020	ES2023317		Normal	<0.1	17	77	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4-SP2-2	6/07/2020	ES2023317		Normal	<0.1	36	104	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05

						PCBs																											
					Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																														
NEPM (1999) EIL - Commercial/Industrial						300	690																							
NEPM (1999) ESL - Commercial/Industrial (fine)																														
NEPM (1999) HIL D - Commercial/Industrial					730	6000	400000									7				45					530					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																														
NEPM (1999) Management Limits - Commercial/Industrial (fine)																														
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																										
UFH4-SP2-3	6/07/2020	ES2023317		Normal	<0.1	22	121	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4-SP2-4	6/07/2020	ES2023317		Normal	<0.1	22	218	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4-SP2-5	6/07/2020	ES2023317		Normal	<0.1	12	50	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4-SP2-6	6/07/2020	ES2023317		Normal	<0.1	60	94	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4-SP2-7	6/07/2020	ES2023317		Normal	<0.1	46	195	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4-SP2-8	6/07/2020	ES2023317		Normal	<0.1	14	134	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
UFH4-SP2-9	6/07/2020	ES2023317		Normal	<0.1	15	381	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05
Statistical Summary																														
Number of Results					439	439	439	269	269	269	269	269	269	269	41	245	292	292	292	20	292	292	292	20	20	292	41	251	20
Number of Detects					184	439	439	0	0	0	0	0	26	0	0	23	1	0	1	0	0	0	0	0	0	0	1	2	0
Minimum Concentration					<0.05	1.2	6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05
Minimum Detect					0.05	1.2	6	ND	ND	ND	ND	ND	0.1	ND	ND	0.1	0.1	ND	0.6	ND	ND	ND	ND	ND	ND	ND	0.4	0.1	ND
Maximum Concentration					1.7	130	7100	<0.5	<0.5	<0.5	<0.5	<1	11	<1	<0.2	11	<0.5	<0.5	0.6	<0.05	<0.5	<0.5	<0.5	<0.05	<0.05	<0.5	0.4	<0.5	<0.05
Maximum Detect					1.7	130	7100	ND	ND	ND	ND	ND	11	ND	ND	11	0.1	ND	0.6	ND	ND	ND	ND	ND	ND	ND	0.4	0.1	ND
Average Concentration					0.11	14	138	0.06	0.06	0.06	0.06	0.063	0.14	0.063	0.1	0.23	0.049	0.049	0.051	0.025	0.056	0.049	0.056	0.025	0.025	0.049	0.059	0.049	0.025
Median Concentration					0.05	12	74	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.025	0.05	0.05	0.05	0.025	0.025	0.05	0.05	0.05	0.025
Standard Deviation					0.14	9.5	393	0.025	0.025	0.025	0.025	0.039	0.69	0.039	0	0.76	0.014	0.013	0.035	0	0.022	0.013	0.022	0	0	0.013	0.055	0.015	0
Number of Guideline Exceedances					0	0	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)					0	0	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

							Pesticides																					
							Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																															
NEPM (1999) EIL - Commercial/Industrial											180																				
NEPM (1999) ESL - Commercial/Industrial (fine)																															
NEPM (1999) HIL D - Commercial/Industrial							2000					3600						2000				100								50	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																															
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																															
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																															
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																															
NEPM (1999) Management Limits - Commercial/Industrial (fine)																															
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																											
TP38-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38-2	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP38-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38-4	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP38-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-1	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP39-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-3	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP39-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP39-5	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP40-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40-2	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP40-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40-4	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP40-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-3	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP41-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41-5	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP42-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-2	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP42-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP42-5	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP43-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43-2	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP43-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP43-4	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP43-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-1	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP44-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-3	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1
TP44-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-1	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1

														Pesticides														
						Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																														
NEPM (1999) EIL - Commercial/Industrial										180																				
NEPM (1999) ESL - Commercial/Industrial (fine)																														
NEPM (1999) HIL D - Commercial/Industrial						2000					3600						2000				100							50	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																														
NEPM (1999) Management Limits - Commercial/Industrial (fine)																														
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																										
TP45-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-3	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP45-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-5	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP46-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-3	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP46-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-5	24/06/2016	148936		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP47-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-2	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP47-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-4	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP47-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-1	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP48-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-3	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP48-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-5	24/06/2016	149980		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP49-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49-2	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49-3	24/06/2016	149980		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP49-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49-5	24/06/2016	149980		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP50-1	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP50-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP50-3	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP50-4	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP50-5	24/06/2016	149980		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP51-1	24/06/2016	149980		Normal	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	<0.1	0.3	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP51-2	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP51-3	24/06/2016	149980		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP51-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP51-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP52-1	24/06/2016	149980		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	-	<0.1	-	<0.1	<0.1	<0.1	<0.1
TP52-2	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Pesticides																										
	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial					180																				
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial	2000					3600						2000				100								50	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																								
TP52-3	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP52-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP52-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP53-1	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP53-2	24/06/2016	149980		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	-	<0.1	-	<0.1	<0.1	<0.1
TP53-3	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP53-4	24/06/2016	149980		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	-	<0.1	-	<0.1	<0.1	<0.1
TP53-5	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP54-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP54-2	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP54-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP54-4	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP54-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-1	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP55-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-3	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP55-4	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP55-5	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP56-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56-2	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP56-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56-4	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP56-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-1	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP57-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-3	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP57-4	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP57-5	24/06/2016	149385		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	-	<0.1	-	<0.1	<0.1	<0.1
TP58-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP58-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP58-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP58-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP58-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP59-1	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP59-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP59-3	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1

														Pesticides														
				Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																												
NEPM (1999) EIL - Commercial/Industrial								**180**																				
NEPM (1999) ESL - Commercial/Industrial (fine)																												
NEPM (1999) HIL D - Commercial/Industrial				**2000**					**3600**						**2000**				**100**								**50**	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																												
NEPM (1999) Management Limits - Commercial/Industrial (fine)																												
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																								
TP59-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP59-5	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP60-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP60-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	0.3	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP60-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP60-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP60-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP61-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP61-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP61-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP61-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP61-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP62-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP62-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP62-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP62-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP62-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63-1	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP63-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63-3	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP63-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP63-5	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP64-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP64-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP64-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-1	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP65-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-3	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP65-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-5	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP66-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP66-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1

														Pesticides														
				Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																												
NEPM (1999) EIL - Commercial/Industrial								180																				
NEPM (1999) ESL - Commercial/Industrial (fine)																												
NEPM (1999) HIL D - Commercial/Industrial				2000					3600						2000				100								50	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																												
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																												
NEPM (1999) Management Limits - Commercial/Industrial (fine)																												
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																								
TP66-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-1	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP67-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-3	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP67-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-5	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP68-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP68-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP68-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP69-1	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP69-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP69-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP69-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP69-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP70-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP70-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP70-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP70-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP70-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP71-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP71-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP71-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP71-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP71-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP72-1	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP72-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP72-3	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP72-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP72-5	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP73-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-3	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP73-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP73-5	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1

	Pesticides																										
	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial					**180**																				
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial	**2000**					**3600**						**2000**				**100**								**50**	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																							
TP74-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP74-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP74-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP74-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP74-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP75-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP75-2	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP75-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP75-4	23/09/2016	SE157495		Normal	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1
TP75-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-52-10	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-52-11	24/09/2018	201559		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-52-6	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-52-7	24/09/2018	201559		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-52-8	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-52-9	24/09/2018	201559		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-72-10	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-72-11	24/09/2018	201559		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-72-6	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-72-7	24/09/2018	201559		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-72-8	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-72-9	24/09/2018	201559		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-50_10	17/10/2018	203512	10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-50_6	17/10/2018	203512	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-50_7	17/10/2018	203512	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-50_8	17/10/2018	203512	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-50_9	17/10/2018	203512	9	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-69_10	17/10/2018	203512	10	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-69_6	17/10/2018	203512	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-69_7	17/10/2018	203512	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-69_8	17/10/2018	203512	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-69_9	17/10/2018	203512	9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-70_10	17/10/2018	203512	10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-70_6	17/10/2018	203512	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-70_7	17/10/2018	203512	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-70_8	17/10/2018	203512	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Pesticides																										
	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial					180																				
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial	2000					3600						2000				100								50	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																								
TP-70_9	17/10/2018	203512	9	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-71_10	17/10/2018	203512	10	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-71_6	17/10/2018	203512	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-71_7	17/10/2018	203512	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP-71_8	17/10/2018	203512	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP-71_9	17/10/2018	203512	9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_10	25/10/2018	204105	10	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_6	25/10/2018	204105	6	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_7	25/10/2018	204105	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP49_8	25/10/2018	204105	8	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP49_9	25/10/2018	204105	9	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP68_10	25/10/2018	204105	10	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP68_11	25/10/2018	204105	11	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68_6	25/10/2018	204105	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP68_7	25/10/2018	204105	7	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68_8	25/10/2018	204105	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP68_9	25/10/2018	204105	9	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-10.0	26/10/2018	204204		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP47-6.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-7.0	26/10/2018	204204		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP47-8.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47-9.0	26/10/2018	204204		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP48-10.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-6.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-7.0	26/10/2018	204204		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP48-8.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP48-9.0	26/10/2018	204204		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP67-10.0	26/10/2018	204204		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP67-6.0	26/10/2018	204204		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP67-7.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP67-8.0	26/10/2018	204204		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP67-9.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP44-7	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP44-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

														Pesticides															
							Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL							0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																														
NEPM (1999) EIL - Commercial/Industrial											180																			
NEPM (1999) ESL - Commercial/Industrial (fine)																														
NEPM (1999) HIL D - Commercial/Industrial							2000					3600						2000				100							50	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																														
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																														
NEPM (1999) Management Limits - Commercial/Industrial (fine)																														
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																										
TP44-9	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP45-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-7	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP45-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45-9	29/10/2018	204325		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	<0.3	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP46-10	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP46-6	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP46-7	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP46-8	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP46-9	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-7	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP64-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP64-9	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP65-10	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP65-6	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP65-7	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP65-8	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP65-9	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-7	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP66-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP66-9	29/10/2018	204325		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-1	20/06/2019	220093		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-2	20/06/2019	220093		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-3	20/06/2019	220093		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-4	20/06/2019	220093		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-5	20/06/2019	220093		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP73-10	28/06/2019	220692	10	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP73-6	28/06/2019	220692	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP73-7	28/06/2019	220692	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP73-8	28/06/2019	220692	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP73-9	28/06/2019	220692	9	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1

	Pesticides																										
	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial					180																				
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial	2000					3600						2000				100								50	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																								
EB-10	17/07/2019	221918		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-11	17/07/2019	221918		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-12	17/07/2019	221918		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-13	17/07/2019	221918		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-14	17/07/2019	221918		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-15	17/07/2019	221918		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-6	17/07/2019	221918		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-7	17/07/2019	221918		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-8	17/07/2019	221918		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-9	17/07/2019	221918		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-16	1/08/2019	223004		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-17	1/08/2019	223004		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-18	1/08/2019	223004		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-19	1/08/2019	223004		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-20	1/08/2019	223004		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB21	9/08/2019	223636		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB22	9/08/2019	223636		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB23	9/08/2019	223636		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB24	9/08/2019	223636		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB25	9/08/2019	223636		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-26	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-27	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-28	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-29	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB-30	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP53-10	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP53-6	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP53-7	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP53-8	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP53-9	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP74-10	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP74-6	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP74-7	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP74-8	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP74-9	22/08/2019	224601		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB31	3/09/2019	225351	1	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1

	Pesticides																										
	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial					180																				
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial	2000					3600						2000				100								50	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																								
EB32	3/09/2019	225351	1	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB33	3/09/2019	225351	3	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB34	3/09/2019	225351	4	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB35	3/09/2019	225351	5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB36	3/10/2019	227648		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
EB37	3/10/2019	227648		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_Surface 1	16/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_Surface 2	16/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_Surface 3	16/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_Surface 4	16/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP56_6.0	18/10/2019	228813		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP56_7.0	18/10/2019	228813		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP56_8.0	18/10/2019	228813		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP56_9.0	18/10/2019	228813		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_1	18/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_10	18/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_2	18/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_3	18/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_4	18/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_5	18/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_6	18/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_7	18/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_8	18/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFEBP10_9	18/10/2019	228806		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP43_6.0	23/10/2019	229078		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP55_6.0	23/10/2019	229078		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP55_7.0	23/10/2019	229078		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP43_10.0	28/10/2019	229470		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP43_7.0	28/10/2019	229470		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP43_8.0	28/10/2019	229470		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP43_9.0	28/10/2019	229470		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP63_6.0	28/10/2019	229470		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP63_7.0	28/10/2019	229470		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP63_10.0	29/10/2019	229507		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP63_8.0	29/10/2019	229507		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP63_9.0	29/10/2019	229507		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1

	Pesticides																										
	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial					180																				
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial	2000					3600						2000				100								50	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																								
TP55-8.0	31/10/2019	229995		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP55-8.5	31/10/2019	229995		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP55-9.0	31/10/2019	229995		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP42_6	1/11/2019	229991	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP42_6.5	1/11/2019	229991	6.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP42_7	1/11/2019	229991	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP42_7.5	1/11/2019	229991	7.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP42_8	1/11/2019	229991	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP54_6	7/11/2019	230418	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP54_6.5	7/11/2019	230418	6.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP54_7	7/11/2019	230418	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP54_7.5	7/11/2019	230418	7.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP54_8	7/11/2019	230418	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP56_9.5	7/11/2019	230418	9.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP62_6	7/11/2019	230418	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP62_6.5	7/11/2019	230418	6.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP62_7	7/11/2019	230418	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP62_7.5	7/11/2019	230418	7.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP62_8	7/11/2019	230418	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP61-6.0	13/11/2019	230804	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP61-6.5	13/11/2019	230804	6.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP61-7.0	13/11/2019	230804	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP61-7.5	13/11/2019	230804	7.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP61-8.0	13/11/2019	230804	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP41_6	29/11/2019	231950	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP41_6.5	29/11/2019	231950	6.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP41_7	29/11/2019	231950	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP41_7.5	29/11/2019	231950	7.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP41_8	29/11/2019	231950	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP40_5.5	9/12/2019	232787		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP40_6.0	9/12/2019	232787		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP40_6.5	9/12/2019	232787		Normal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	-	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-	<0.5	<0.5	<0.5
TP40_7.0	9/12/2019	232787		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP40_7.5	9/12/2019	232787		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP60_5.5	9/12/2019	232787		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP60_6.0	9/12/2019	232787		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1

	Pesticides																										
	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial					180																				
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial	2000					3600						2000				100								50	
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type																								
TP60_6.5	9/12/2019	232787		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP60_7.0	9/12/2019	232787		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP60_7.5	9/12/2019	232787		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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP38_6	17/12/2019	233502	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP38_6.5	17/12/2019	233502	6.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP38_7	17/12/2019	233502	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP38_7.5	17/12/2019	233502	7.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP38_8	17/12/2019	233502	8	Normal	<0.1	<0.1	<0.1	0.2	0.1	0.3	-	<0.1	<0.1	0.2	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP39_6	17/12/2019	233502	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP39_6.5	17/12/2019	233502	6.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP39_7	17/12/2019	233502	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP39_7.5	17/12/2019	233502	7.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP39_8	17/12/2019	233502	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP58_6	17/12/2019	233502	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP58_6.5	17/12/2019	233502	6.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP58_7	17/12/2019	233502	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP58_7.5	17/12/2019	233502	7.5	Normal	<0.1	<0.1	<0.1	1	1.8	2.9	-	<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
TP58_8	17/12/2019	233502	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP59_6	17/12/2019	233502	6	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP59_6.5	17/12/2019	233502	6.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP59_7	17/12/2019	233502	7	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP59_7.5	17/12/2019	233502	7.5	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
TP59_8	17/12/2019	233502	8	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	-	<0.1	-	<0.1	-	<0.1	<0.1	<0.1
UFH4SP1-1	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4SP1-10	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4SP1-2	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4SP1-3	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4SP1-4	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4SP1-5	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4SP1-6	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4SP1-7	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4SP1-8	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4SP1-9	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4-SP2-1	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4-SP2-10	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4-SP2-2	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05

					Pesticides																								
					Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																													
NEPM (1999) EIL - Commercial/Industrial									180																				
NEPM (1999) ESL - Commercial/Industrial (fine)																													
NEPM (1999) HIL D - Commercial/Industrial					2000					3600						2000				100							50		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																													
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																													
NEPM (1999) Management Limits - Commercial/Industrial (fine)																													
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Depth_Range**	**Sample_Type**																									
UFH4-SP2-3	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4-SP2-4	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4-SP2-5	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4-SP2-6	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4-SP2-7	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4-SP2-8	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
UFH4-SP2-9	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05
Statistical Summary																													
Number of Results					292	251	292	292	292	204	20	292	292	292	292	20	292	292	292	292	292	61	292	20	272	20	292	292	292
Number of Detects					0	0	0	3	5	4	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration					<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05
Minimum Detect					ND	ND	ND	0.1	0.1	0.1	ND	ND	ND	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration					<0.5	<0.5	<0.5	1	1.8	2.9	<0.05	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.5	<0.05	<0.5	<0.05	<0.5	<0.5	<0.5
Maximum Detect					ND	ND	ND	1	1.8	2.9	ND	ND	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration					0.056	0.049	0.049	0.053	0.061	0.063	0.025	0.077	0.077	0.059	0.077	0.025	0.056	0.056	0.049	0.056	0.049	0.042	0.056	0.025	0.058	0.025	0.049	0.049	0.049
Median Concentration					0.05	0.05	0.05	0.05	0.05	0.05	0.025	0.05	0.05	0.05	0.05	0.025	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.025	0.05	0.025	0.05	0.05	0.05
Standard Deviation					0.022	0.014	0.013	0.058	0.1	0.2	0	0.071	0.071	0.032	0.071	0	0.022	0.022	0.013	0.023	0.013	0.012	0.022	0	0.021	0	0.013	0.013	0.013
Number of Guideline Exceedances					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
TP38-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP38-2	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP38-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP38-4	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP38-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP39-1	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP39-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP39-3	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP39-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP39-5	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP40-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP40-2	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP40-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP40-4	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP40-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP41-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP41-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP41-3	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP41-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP41-5	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP42-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP42-2	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP42-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP42-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP42-5	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP43-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP43-2	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP43-3	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP43-4	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP43-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP44-1	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP44-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP44-3	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP44-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP44-5	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP45-1	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
TP45-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP45-3	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP45-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP45-5	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP46-1	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP46-2	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP46-3	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP46-4	24/06/2016	148936		Normal	-	-	-	-	-	-	-	-	-	-
TP46-5	24/06/2016	148936		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP47-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP47-2	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP47-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP47-4	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP47-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP48-1	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP48-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP48-3	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP48-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-
TP48-5	24/06/2016	149980		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP49-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP49-2	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-
TP49-3	24/06/2016	149980		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP49-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-
TP49-5	24/06/2016	149980		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP50-1	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP50-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP50-3	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-
TP50-4	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP50-5	24/06/2016	149980		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP51-1	24/06/2016	149980		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP51-2	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-
TP51-3	24/06/2016	149980		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP51-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-
TP51-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP52-1	24/06/2016	149980		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP52-2	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
TP52-3	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP52-4	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-
TP52-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP53-1	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP53-2	24/06/2016	149980		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP53-3	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-
TP53-4	24/06/2016	149980		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP53-5	24/06/2016	149980		Normal	-	-	-	-	-	-	-	-	-	-
TP54-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP54-2	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP54-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP54-4	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP54-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP55-1	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP55-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP55-3	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP55-4	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP55-5	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP56-1	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP56-2	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP56-3	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP56-4	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP56-5	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP57-1	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP57-2	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP57-3	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP57-4	24/06/2016	149385		Normal	-	-	-	-	-	-	-	-	-	-
TP57-5	24/06/2016	149385		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP58-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP58-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP58-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP58-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP58-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP59-1	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP59-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP59-3	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
TP59-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP59-5	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP60-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP60-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP60-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP60-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP60-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP61-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP61-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP61-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP61-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP61-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP62-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP62-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP62-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP62-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP62-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP63-1	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP63-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP63-3	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP63-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP63-5	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP64-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP64-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP64-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP64-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP64-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP65-1	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP65-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP65-3	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP65-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP65-5	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP66-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP66-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP66-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP66-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
TP66-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP67-1	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP67-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP67-3	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP67-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP67-5	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP68-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP68-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP68-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP68-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP68-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP69-1	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP69-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP69-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP69-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP69-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP70-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP70-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP70-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP70-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP70-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP71-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP71-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP71-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP71-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP71-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP72-1	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP72-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP72-3	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP72-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP72-5	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP73-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP73-2	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP73-3	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP73-4	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP73-5	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
TP74-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP74-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP74-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP74-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP74-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP75-1	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP75-2	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP75-3	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP75-4	23/09/2016	SE157495		Normal	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
TP75-5	23/09/2016	SE157495		Normal	-	-	-	-	-	-	-	-	-	-
TP-52-10	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-
TP-52-11	24/09/2018	201559		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-52-6	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-
TP-52-7	24/09/2018	201559		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-52-8	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-
TP-52-9	24/09/2018	201559		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-72-10	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-
TP-72-11	24/09/2018	201559		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-72-6	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-
TP-72-7	24/09/2018	201559		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-72-8	24/09/2018	201559		Normal	-	-	-	-	-	-	-	-	-	-
TP-72-9	24/09/2018	201559		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-50_10	17/10/2018	203512	10	Normal	-	-	-	-	-	-	-	-	-	-
TP-50_6	17/10/2018	203512	6	Normal	-	-	-	-	-	-	-	-	-	-
TP-50_7	17/10/2018	203512	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-50_8	17/10/2018	203512	8	Normal	-	-	-	-	-	-	-	-	-	-
TP-50_9	17/10/2018	203512	9	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-69_10	17/10/2018	203512	10	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-69_6	17/10/2018	203512	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-69_7	17/10/2018	203512	7	Normal	-	-	-	-	-	-	-	-	-	-
TP-69_8	17/10/2018	203512	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-69_9	17/10/2018	203512	9	Normal	-	-	-	-	-	-	-	-	-	-
TP-70_10	17/10/2018	203512	10	Normal	-	-	-	-	-	-	-	-	-	-
TP-70_6	17/10/2018	203512	6	Normal	-	-	-	-	-	-	-	-	-	-
TP-70_7	17/10/2018	203512	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-70_8	17/10/2018	203512	8	Normal	-	-	-	-	-	-	-	-	-	-

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
TP-70_9	17/10/2018	203512	9	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-71_10	17/10/2018	203512	10	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-71_6	17/10/2018	203512	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-71_7	17/10/2018	203512	7	Normal	-	-	-	-	-	-	-	-	-	-
TP-71_8	17/10/2018	203512	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP-71_9	17/10/2018	203512	9	Normal	-	-	-	-	-	-	-	-	-	-
TP49_10	25/10/2018	204105	10	Normal	-	-	-	-	-	-	-	-	-	-
TP49_6	25/10/2018	204105	6	Normal	-	-	-	-	-	-	-	-	-	-
TP49_7	25/10/2018	204105	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP49_8	25/10/2018	204105	8	Normal	-	-	-	-	-	-	-	-	-	-
TP49_9	25/10/2018	204105	9	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP68_10	25/10/2018	204105	10	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP68_11	25/10/2018	204105	11	Normal	-	-	-	-	-	-	-	-	-	-
TP68_6	25/10/2018	204105	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP68_7	25/10/2018	204105	7	Normal	-	-	-	-	-	-	-	-	-	-
TP68_8	25/10/2018	204105	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP68_9	25/10/2018	204105	9	Normal	-	-	-	-	-	-	-	-	-	-
TP47-10.0	26/10/2018	204204		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP47-6.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-
TP47-7.0	26/10/2018	204204		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP47-8.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-
TP47-9.0	26/10/2018	204204		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP48-10.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-
TP48-6.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-
TP48-7.0	26/10/2018	204204		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP48-8.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-
TP48-9.0	26/10/2018	204204		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP67-10.0	26/10/2018	204204		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP67-6.0	26/10/2018	204204		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP67-7.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-
TP67-8.0	26/10/2018	204204		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP67-9.0	26/10/2018	204204		Normal	-	-	-	-	-	-	-	-	-	-
TP44-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP44-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP44-7	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP44-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
TP44-9	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP45-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP45-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP45-7	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP45-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP45-9	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP46-10	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP46-6	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP46-7	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP46-8	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP46-9	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP64-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP64-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP64-7	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP64-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP64-9	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP65-10	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP65-6	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP65-7	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP65-8	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP65-9	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP66-10	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP66-6	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP66-7	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP66-8	29/10/2018	204325		Normal	-	-	-	-	-	-	-	-	-	-
TP66-9	29/10/2018	204325		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-1	20/06/2019	220093		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-2	20/06/2019	220093		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-3	20/06/2019	220093		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-4	20/06/2019	220093		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-5	20/06/2019	220093		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP73-10	28/06/2019	220692	10	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP73-6	28/06/2019	220692	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP73-7	28/06/2019	220692	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP73-8	28/06/2019	220692	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP73-9	28/06/2019	220692	9	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
EB-10	17/07/2019	221918		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-11	17/07/2019	221918		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-12	17/07/2019	221918		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-13	17/07/2019	221918		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-14	17/07/2019	221918		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-15	17/07/2019	221918		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-6	17/07/2019	221918		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-7	17/07/2019	221918		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-8	17/07/2019	221918		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-9	17/07/2019	221918		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-16	1/08/2019	223004		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-17	1/08/2019	223004		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-18	1/08/2019	223004		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-19	1/08/2019	223004		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-20	1/08/2019	223004		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB21	9/08/2019	223636		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB22	9/08/2019	223636		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB23	9/08/2019	223636		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB24	9/08/2019	223636		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB25	9/08/2019	223636		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-26	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-27	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-28	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-29	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB-30	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP53-10	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP53-6	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP53-7	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP53-8	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP53-9	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP74-10	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP74-6	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP74-7	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP74-8	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP74-9	22/08/2019	224601		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB31	3/09/2019	225351	1	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
EB32	3/09/2019	225351	1	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB33	3/09/2019	225351	3	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB34	3/09/2019	225351	4	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB35	3/09/2019	225351	5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB36	3/10/2019	227648		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
EB37	3/10/2019	227648		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_Surface 1	16/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_Surface 2	16/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_Surface 3	16/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_Surface 4	16/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP56_6.0	18/10/2019	228813		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP56_7.0	18/10/2019	228813		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP56_8.0	18/10/2019	228813		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP56_9.0	18/10/2019	228813		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_1	18/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_10	18/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_2	18/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_3	18/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_4	18/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_5	18/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_6	18/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_7	18/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_8	18/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFEBP10_9	18/10/2019	228806		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP43_6.0	23/10/2019	229078		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP55_6.0	23/10/2019	229078		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP55_7.0	23/10/2019	229078		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP43_10.0	28/10/2019	229470		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP43_7.0	28/10/2019	229470		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP43_8.0	28/10/2019	229470		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP43_9.0	28/10/2019	229470		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP63_6.0	28/10/2019	229470		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP63_7.0	28/10/2019	229470		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP63_10.0	29/10/2019	229507		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP63_8.0	29/10/2019	229507		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP63_9.0	29/10/2019	229507		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
TP55-8.0	31/10/2019	229995		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP55-8.5	31/10/2019	229995		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP55-9.0	31/10/2019	229995		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP42_6	1/11/2019	229991	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP42_6.5	1/11/2019	229991	6.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP42_7	1/11/2019	229991	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP42_7.5	1/11/2019	229991	7.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP42_8	1/11/2019	229991	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP54_6	7/11/2019	230418	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP54_6.5	7/11/2019	230418	6.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP54_7	7/11/2019	230418	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP54_7.5	7/11/2019	230418	7.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP54_8	7/11/2019	230418	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP56_9.5	7/11/2019	230418	9.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP62_6	7/11/2019	230418	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP62_6.5	7/11/2019	230418	6.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP62_7	7/11/2019	230418	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP62_7.5	7/11/2019	230418	7.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP62_8	7/11/2019	230418	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP61-6.0	13/11/2019	230804	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP61-6.5	13/11/2019	230804	6.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP61-7.0	13/11/2019	230804	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP61-7.5	13/11/2019	230804	7.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP61-8.0	13/11/2019	230804	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP41_6	29/11/2019	231950	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP41_6.5	29/11/2019	231950	6.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP41_7	29/11/2019	231950	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP41_7.5	29/11/2019	231950	7.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP41_8	29/11/2019	231950	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP40_5.5	9/12/2019	232787		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP40_6.0	9/12/2019	232787		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP40_6.5	9/12/2019	232787		Normal	<0.5	<0.5	<0.5	-	-	<0.5	-	-	<0.5	-
TP40_7.0	9/12/2019	232787		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP40_7.5	9/12/2019	232787		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP60_5.5	9/12/2019	232787		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP60_6.0	9/12/2019	232787		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type										
TP60_6.5	9/12/2019	232787		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP60_7.0	9/12/2019	232787		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP60_7.5	9/12/2019	232787		Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP38_6	17/12/2019	233502	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP38_6.5	17/12/2019	233502	6.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP38_7	17/12/2019	233502	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP38_7.5	17/12/2019	233502	7.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP38_8	17/12/2019	233502	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP39_6	17/12/2019	233502	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP39_6.5	17/12/2019	233502	6.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP39_7	17/12/2019	233502	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP39_7.5	17/12/2019	233502	7.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP39_8	17/12/2019	233502	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP58_6	17/12/2019	233502	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP58_6.5	17/12/2019	233502	6.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP58_7	17/12/2019	233502	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP58_7.5	17/12/2019	233502	7.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP58_8	17/12/2019	233502	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP59_6	17/12/2019	233502	6	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP59_6.5	17/12/2019	233502	6.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP59_7	17/12/2019	233502	7	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP59_7.5	17/12/2019	233502	7.5	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
TP59_8	17/12/2019	233502	8	Normal	<0.1	<0.1	<0.1	-	-	<0.1	-	-	<0.1	-
UFH4SP1-1	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4SP1-10	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4SP1-2	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4SP1-3	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4SP1-4	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4SP1-5	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4SP1-6	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4SP1-7	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4SP1-8	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4SP1-9	15/05/2020	ES2016971		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4-SP2-1	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4-SP2-10	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4-SP2-2	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-

	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind										
NEPM (1999) EIL - Commercial/Industrial										
NEPM (1999) ESL - Commercial/Industrial (fine)										
NEPM (1999) HIL D - Commercial/Industrial	**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+										
NEPM (1999) Management Limits - Commercial/Industrial (fine)										

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Depth_Range	Sample_Type									
UFH4-SP2-3	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4-SP2-4	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4-SP2-5	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4-SP2-6	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4-SP2-7	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4-SP2-8	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
UFH4-SP2-9	6/07/2020	ES2023317		Normal	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-

Statistical Summary

Number of Results	292	292	292	20	20	292	20	20	231	41
Number of Detects	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.05	<0.05	<0.1	<0.2	<0.2	<0.1	<0.05	<0.05	<0.1	<0.5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.5	<0.5	<0.5	<0.2	<0.2	<0.5	<0.05	<0.05	<0.5	<0.5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.049	0.056	0.054	0.1	0.1	0.061	0.025	0.025	0.051	0.25
Median Concentration	0.05	0.05	0.05	0.1	0.1	0.05	0.025	0.025	0.05	0.25
Standard Deviation	0.013	0.022	0.017	0	0	0.023	0	0	0.013	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																					
010-1	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
010-10	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
010-2	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
010-3	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
010-4	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
010-5	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
010-6	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
010-7	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
010-8	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
010-9	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
BS-1	13/11/2018	205601	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
BS2	29/10/2019	229506	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
BS3	29/10/2019	229506	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
BS4	29/10/2019	229506	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
BS5	29/10/2019	229506	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP_10	17/03/2020	239089	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP_6	17/03/2020	239089	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP_7	17/03/2020	239089	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP_8	17/03/2020	239089	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP_9	17/03/2020	239089	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP-1	26/02/2020	237701	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP-11	8/04/2020	240580	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP-12	8/04/2020	240580	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP-13	8/04/2020	240580	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP-14	8/04/2020	240580	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP-15	8/04/2020	240580	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP-2	26/02/2020	237701	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP-3	26/02/2020	237701	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP-4	26/02/2020	237701	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D4SP-5	26/02/2020	237701	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D6SP-1	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																					
D6SP-2	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D6SP-3	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D6SP-4	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D6SP-5	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D6SP-6	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D6SP-7	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
D6SP-8	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5 - 21	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5 - 22	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5 - 23	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5 - 24	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5 - 25	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5 - 26	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5 - 27	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5 - 28	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5 - 29	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5 - 30	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 1	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 10	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 11	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 12	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 13	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 14	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 15	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 16	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 17	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 18	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 19	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 2	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 20	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																					
Dam 5- 3	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 4	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 5	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 6	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 7	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 8	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Dam 5- 9	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-1	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-10	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-11	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-12	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-13	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-14	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-15	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-2	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-3	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-4	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-5	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-6	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-7	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-8	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
DAM5-9	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
GASP-1	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
GASP-10	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
GASP-2	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
GASP-3	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
GASP-4	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
GASP-5	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
GASP-6	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
GASP-7	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
GASP-8	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
GASP-9	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-1	8/08/2019	223566	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-10	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-11	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-12	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-13	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-14	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-15	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-16	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-17	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-18	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-19	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-2	8/08/2019	223566	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-20	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-3	8/08/2019	223566	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-4	8/08/2019	223566	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-5	8/08/2019	223566	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-6	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-7	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-8	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
I8SP-9	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
J/8 - 1	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
J/8 - 10	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
J/8 - 2	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
J/8 - 3	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
J/8 - 4	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
J/8 - 5	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
J/8 - 6	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
J/8 - 7	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
J/8 - 8	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
J/8 - 9	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-1	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-10	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-11	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-12	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-13	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-14	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-15	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-16	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-17	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-18	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-19	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-2	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-20	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-21	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-22	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-23	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-24	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-25	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-26	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-27	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-28	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-29	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-3	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-30	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-31	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-32	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-33	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-34	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																					
K13SP-35	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-36	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-37	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-38	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-39	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-4	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-40	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-41	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-
K13SP-42	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-
K13SP-43	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-
K13SP-44	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-
K13SP-45	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-
K13SP-46	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-
K13SP-47	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-
K13SP-48	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-
K13SP-49	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-
K13SP-5	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-50	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	-	<50	-	-	<0.5	<0.5	<0.5	<0.5	<0.2	-	-	-	-
K13SP-6	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-7	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-8	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
K13SP-9	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
MS-1	12/11/2018	205451	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
MS-2	12/11/2018	205451	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
MS-3	12/11/2018	205451	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
MS-4	12/11/2018	205451	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
N8-1	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
N8-10	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
N8-2	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
N8-3	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																					
N8-4	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
N8-5	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
N8-6	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
N8-7	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
N8-8	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
N8-9	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-1	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-10	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-11	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-12	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-13	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-14	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-15	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-16	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-17	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-18	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-19	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-2	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-20	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-3	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-4	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-5	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-6	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-7	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-8	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
NIOSP-9	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
S2-M-1	3/11/2016	SE158839	Normal	-	-	480	-	-	-	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-
S2-M-10	3/11/2016	SE158839	Normal	<0.1	<0.2	510	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-
S2-M-2	3/11/2016	SE158839	Normal	<0.1	<0.2	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-
S2-M-3	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	<100	<110	0.2	0.2	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																					
S2-M-4	3/11/2016	SE158839	Normal	<0.1	<0.2	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-
S2-M-5	3/11/2016	SE158839	Normal	-	-	210	-	-	-	-	-	-	-	<100	<110	0.1	0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-
S2-M-6	3/11/2016	SE158839	Normal	<0.1	<0.2	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-
S2-M-7	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-
S2-M-8	3/11/2016	SE158839	Normal	<0.1	<0.2	-	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-
S2-M-9	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	<100	<110	<0.1	<0.1	<0.1	<0.1	<0.8	<0.2	<0.6	-	-	-
Silt 1	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Silt 10	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Silt 2	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Silt 3	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Silt 4	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Silt 5	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Silt 6	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Silt 7	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Silt 8	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Silt 9	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA_61	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA_62	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA_63	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA_64	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA_65	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA_66	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-1	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-10	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-11	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-12	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-13	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-14	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-15	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-16	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
SPA-17	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-18	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-19	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-2	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-20	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-21	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-22	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-23	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-24	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-25	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-26	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-27	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-28	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-29	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-3	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-30	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-31	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-32	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-33	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-34	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-35	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-36	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-37	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-38	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-39	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-4	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-40	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-41	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-42	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-43	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																					
SPA-44	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-45	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-46	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-47	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-48	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-49	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-5	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-50	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-51	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-52	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-53	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-54	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-55	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-56	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-57	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-58	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-59	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-6	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-60	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-61	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-62	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-63	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-64	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-65	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-66	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-67	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-68	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-69	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-7	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-70	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
SPA-8	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPA-9	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_51	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_52	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_53	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_54	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_55	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_56	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_57	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_58	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_59	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_60	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_71	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_72	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_73	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_74	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_75	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB_76	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-1	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-10	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-11	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-12	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-13	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-14	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-15	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-16	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-17	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-18	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-19	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-2	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
SPB-20	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-21	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-22	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-23	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-24	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-25	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-26	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-27	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-28	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-29	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-3	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-30	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-31	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-31	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-32	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-32	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-33	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-33	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-34	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-34	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-35	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-35	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-36	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-36	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-37	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-37	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-38	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-38	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-39	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-39	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
SPB-4	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-40	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-40	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-41	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-42	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-43	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-44	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-45	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-46	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-47	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-48	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-49	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-5	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-50	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-6	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-61	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-62	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-63	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-64	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-65	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-66	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-67	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-68	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-69	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-7	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-70	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-8	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPB-9	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-1	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-10	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
	2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
	mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL	0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																						
NEPM (1999) EIL - Commercial/Industrial																						
NEPM (1999) ESL - Commercial/Industrial (fine)																						
NEPM (1999) HIL D - Commercial/Industrial					**100**												**4000**					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																						
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																						
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
SPC-11	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-12	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-13	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-14	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-15	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-16	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-17	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-18	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-19	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-2	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-20	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-3	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-4	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-5	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-6	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-7	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-8	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
SPC-9	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
STG 2 Silt 1	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
STG 2 Silt 2	15/01/2018	183340	Normal	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
STG 2 Silt 3	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
STG 2 Silt 4	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
STG 2 Silt 5	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
STG 2 Silt 6	15/01/2018	183340	Normal	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-1	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-10	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-11	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-12	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-13	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-14	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-

											Asbestos ID - soils NEPM - AS	ES_EPA418		ES_EPA8100					ES_EPA8260				
					2,4-DDT	Arochlor 1268	Electrical Conductivity @ 25°C	Isodrin	Mirex	o,p'-DDD	o,p'-DDE	Total Foreign Material	trans-Nonachlor	ACM >7mm Estimation*	TRH C37-C40	TRH C10-C36 Total	1-methylnaphthalene	2-methylnaphthalene	Benzo(b&j)fluoranthene	Benzo(k)fluoranthene	Total PAH (18)	m/p-xylene	Total BTEX	ACM in >7mm Sample	Asbestos in soil (>7mm ACM)	Asbestos in soil (<2mm AF/FA)
					mg/kg	mg/kg	µS/cm	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	%(w/w)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	g	%w/w	%w/w
EQL					0.1	0.2	1	0.1	0.1	0.1	0.1	0.05	0.1		100	50	0.1	0.1	0.1	0.1	0.5	0.2	0.2			
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																										
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial									100												4000					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																							
TS-15	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-16	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-17	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-18	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-19	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-2	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-20	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-3	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-4	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-5	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-6	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-7	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-8	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
TS-9	13/11/2019	230803	Normal		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<2	-	-	-	-
Statistical Summary																										
Number of Results					5	5	3	5	5	5	5	2	5	0	10	20	10	10	20	20	20	435	20	0	0	0
Number of Detects					0	0	3	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
Minimum Concentration					<0.1	<0.2	210	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1	99999	<100	<50	<0.1	<0.1	<0.1	<0.1	<0.5	<0.2	<0.2	99999	99999	99999
Minimum Detect					ND	ND	210	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration					<0.1	<0.2	510	<0.1	<0.1	<0.1	<0.1	<0.05	<0.1	0	<100	<110	0.2	0.2	<0.5	<0.5	<0.8	<2	<0.6	0	0	0
Maximum Detect					ND	ND	510	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	0.2	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration					0.05	0.1	400	0.05	0.05	0.05	0.05		0.05		50	40	0.07	0.07	0.15	0.15	0.33	0.96	0.2			
Median Concentration					0.05	0.1	480	0.05	0.05	0.05	0.05	0.025	0.05		50	40	0.05	0.05	0.15	0.15	0.325	1	0.2			
Standard Deviation					0	0	165	0	0	0	0		0		0	15	0.048	0.048	0.1	0.1	0.077	0.17	0.1			
Number of Guideline Exceedances					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
	%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind											**11000**								
NEPM (1999) EIL - Commercial/Industrial											**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																		**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																			
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																			

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																	
010-1	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	7.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
010-10	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	7.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
010-2	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	6.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
010-3	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	4.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
010-4	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	4.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
010-5	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	3.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
010-6	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	5.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
010-7	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	4.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
010-8	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	5.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
010-9	15/01/2020	234645	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
BS-1	13/11/2018	205601	Normal	-	-	-	-	-	-	-	-	-	7.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
BS2	29/10/2019	229506	Normal	-	-	-	-	-	-	-	-	-	7.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
BS3	29/10/2019	229506	Normal	-	-	-	-	-	-	-	-	-	5.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
BS4	29/10/2019	229506	Normal	-	-	-	-	-	-	-	-	-	3.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
BS5	29/10/2019	229506	Normal	-	-	-	-	-	-	-	-	-	6.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP_10	17/03/2020	239089	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP_6	17/03/2020	239089	Normal	-	-	-	-	-	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP_7	17/03/2020	239089	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP_8	17/03/2020	239089	Normal	-	-	-	-	-	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP_9	17/03/2020	239089	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP-1	26/02/2020	237701	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP-11	8/04/2020	240580	Normal	-	-	-	-	-	-	-	-	-	4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP-12	8/04/2020	240580	Normal	-	-	-	-	-	-	-	-	-	6.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP-13	8/04/2020	240580	Normal	-	-	-	-	-	-	-	-	-	4.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP-14	8/04/2020	240580	Normal	-	-	-	-	-	-	-	-	-	6.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP-15	8/04/2020	240580	Normal	-	-	-	-	-	-	-	-	-	7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP-2	26/02/2020	237701	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP-3	26/02/2020	237701	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP-4	26/02/2020	237701	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D4SP-5	26/02/2020	237701	Normal	-	-	-	-	-	-	-	-	-	6.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D6SP-1	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

			ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
			Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
			%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind													**11000**								
NEPM (1999) EIL - Commercial/Industrial													**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																				**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+													**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																		
D6SP-2	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D6SP-3	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D6SP-4	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D6SP-5	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D6SP-6	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D6SP-7	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
D6SP-8	4/05/2020	242242	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5 - 21	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	9.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5 - 22	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	7.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5 - 23	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	9.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5 - 24	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5 - 25	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	7.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5 - 26	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5 - 27	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	7.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5 - 28	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	8.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5 - 29	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5 - 30	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	8.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 1	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	10	<1 - 0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 10	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	8.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 11	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	6.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 12	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	7.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 13	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	8.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 14	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 15	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	8.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 16	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	6.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 17	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	7.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 18	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	8.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 19	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	7.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 2	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	9.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 20	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	8.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

			ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
			Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
			%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind													**11000**								
NEPM (1999) EIL - Commercial/Industrial													**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																				**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+													**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																		
Dam 5- 3	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	9.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 4	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 5	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	9.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 6	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	9.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 7	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	8.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 8	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	9.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Dam 5- 9	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	8.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-1	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-10	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-11	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	8.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-12	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	9.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-13	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-14	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-15	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	9.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-2	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-3	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	9.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-4	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-5	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-6	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-7	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	9.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-8	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
DAM5-9	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
GASP-1	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
GASP-10	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	7.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
GASP-2	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
GASP-3	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
GASP-4	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
GASP-5	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
GASP-6	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
GASP-7	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	7.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

			ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
			Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
			%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind													**11000**								
NEPM (1999) EIL - Commercial/Industrial													**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																				**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																					
NEPM (1999) HSL D Comm/Indust - Vl Clay 0 to <1 m													**NL**								
NEPM (1999) HSL D Comm/Indust - Vl Clay 1 to <2 m													**NL**								
NEPM (1999) HSL D Comm/Indust - Vl Clay 2 to <4 m													**NL**								
NEPM (1999) HSL D Comm/Indust - Vl Clay 4 m+													**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																		
GASP-8	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	7.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
GASP-9	17/06/2019	219831	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-1	8/08/2019	223566	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-10	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	2.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-11	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	4.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-12	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	6.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-13	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	4.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-14	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	4.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-15	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	4.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-16	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	3.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-17	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	3.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-18	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	2.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-19	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	2.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-2	8/08/2019	223566	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-20	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	5.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-3	8/08/2019	223566	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-4	8/08/2019	223566	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-5	8/08/2019	223566	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-6	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	3.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-7	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	3.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-8	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	3.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
I8SP-9	29/11/2019	231951	Normal	-	-	-	-	-	-	-	-	-	3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
J/8 - 1	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	9.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
J/8 - 10	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	9.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
J/8 - 2	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	8.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
J/8 - 3	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	8.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
J/8 - 4	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	8.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
J/8 - 5	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	7.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
J/8 - 6	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	8.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
J/8 - 7	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	6.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

	ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
	%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind											**11000**								
NEPM (1999) EIL - Commercial/Industrial											**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																		**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																			
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																			

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																	
J/8 - 8	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	8.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
J/8 - 9	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-1	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-10	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	8.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-11	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-12	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	4.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-13	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	6.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-14	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	9.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-15	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-16	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	9.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-17	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	8.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-18	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	6.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-19	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	7.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5
K13SP-2	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	5.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-20	30/01/2020	235661	Normal	-	-	-	-	-	-	-	-	-	7.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-21	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	9.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-22	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-23	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-24	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-25	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-26	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-27	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	7.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-28	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-29	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-3	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	9.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-30	26/02/2020	237702	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-31	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-32	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-33	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-34	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

			ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
			Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
			%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind													**11000**								
NEPM (1999) EIL - Commercial/Industrial													**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																				**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																					
NEPM (1999) HSL D Comm/Indust - Vl Clay 0 to <1 m													**NL**								
NEPM (1999) HSL D Comm/Indust - Vl Clay 1 to <2 m													**NL**								
NEPM (1999) HSL D Comm/Indust - Vl Clay 2 to <4 m													**NL**								
NEPM (1999) HSL D Comm/Indust - Vl Clay 4 m+													**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																		
K13SP-35	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-36	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-37	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-38	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-39	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-4	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	7.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-40	20/05/2020	243333	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-41	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
K13SP-42	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	9.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
K13SP-43	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	10.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
K13SP-44	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	11	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
K13SP-45	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	10.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
K13SP-46	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	9.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
K13SP-47	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	9.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
K13SP-48	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	8.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
K13SP-49	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	9.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
K13SP-5	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	9.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-50	10/06/2020	ES2020056	Normal	-	-	-	-	-	-	-	-	-	9.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
K13SP-6	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-7	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-8	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	8.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
K13SP-9	13/01/2020	234534	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
MS-1	12/11/2018	205451	Normal	-	-	-	-	-	-	-	-	-	2.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
MS-2	12/11/2018	205451	Normal	-	-	-	-	-	-	-	-	-	2.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
MS-3	12/11/2018	205451	Normal	-	-	-	-	-	-	-	-	-	3.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
MS-4	12/11/2018	205451	Normal	-	-	-	-	-	-	-	-	-	2.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
N8-1	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
N8-10	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
N8-2	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
N8-3	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

			ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
			Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
			%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind													**11000**								
NEPM (1999) EIL - Commercial/Industrial													**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																				**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+													**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																		
N8-4	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
N8-5	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
N8-6	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
N8-7	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	6.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
N8-8	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
N8-9	7/11/2019	230416	Normal	-	-	-	-	-	-	-	-	-	17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-1	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	3.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.09	<0.5
NIOSP-10	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	2.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-11	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	2.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-12	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	2.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-13	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	3.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-14	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	3.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-15	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.07	<0.5
NIOSP-16	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	4.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-17	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	1.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-18	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	3.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-19	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	3.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-2	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	2.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-20	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-3	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	2.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-4	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	3.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-5	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	4.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-6	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	1.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-7	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	2.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-8	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	2.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
NIOSP-9	19/12/2019	233583	Normal	-	-	-	-	-	-	-	-	-	3.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
S2-M-1	3/11/2016	SE158839	Normal	-	-	-	-	-	5.3	<0.01	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
S2-M-10	3/11/2016	SE158839	Normal	-	-	-	-	-	4.1	<0.01	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
S2-M-2	3/11/2016	SE158839	Normal	-	-	-	-	-	3.8	<0.01	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
S2-M-3	3/11/2016	SE158839	Normal	-	-	-	-	-	3	<0.01	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-

			ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
			Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
			%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind													**11000**								
NEPM (1999) EIL - Commercial/Industrial													**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																				**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+													**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																		
S2-M-4	3/11/2016	SE158839	Normal	-	-	-	-	-	3.4	<0.01	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
S2-M-5	3/11/2016	SE158839	Normal	-	-	-	-	-	4.7	<0.01	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
S2-M-6	3/11/2016	SE158839	Normal	-	-	-	-	-	5.5	<0.01	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
S2-M-7	3/11/2016	SE158839	Normal	-	-	-	-	-	5.8	<0.01	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
S2-M-8	3/11/2016	SE158839	Normal	-	-	-	-	-	4.2	<0.01	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
S2-M-9	3/11/2016	SE158839	Normal	-	-	-	-	-	5.1	<0.01	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-
Silt 1	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Silt 10	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	21	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Silt 2	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Silt 3	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Silt 4	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Silt 5	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Silt 6	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Silt 7	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Silt 8	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Silt 9	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA_61	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA_62	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	5.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA_63	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	5.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA_64	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	6.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA_65	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	5.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA_66	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	5.3	<1 - 0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-1	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	6.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-10	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	6.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-11	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	5.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-12	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	6.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-13	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	5.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-14	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	5.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-15	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	7.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-16	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	7.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

	ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
	%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind											**11000**								
NEPM (1999) EIL - Commercial/Industrial											**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																		**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																			
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																			

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																	
SPA-17	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	5.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-18	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-19	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	5.4	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-2	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	5.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-20	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	5.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-21	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	5.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-22	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	4.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-23	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	4.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-24	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	4.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-25	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	3.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-26	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	4.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-27	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	9.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-28	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	9.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-29	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-3	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	9.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-30	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-31	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	6.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-32	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	7.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-33	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	7.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-34	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-35	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	5.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-36	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	7.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-37	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	6.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-38	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	6.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-39	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	3.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-4	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-40	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	8.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-41	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	7.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-42	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-43	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

			ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
			Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
			%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind													**11000**								
NEPM (1999) EIL - Commercial/Industrial													**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																				**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+													**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																		
SPA-44	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-45	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-46	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	6.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-47	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	7.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-48	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-49	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	7.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-5	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	7.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-50	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	4.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-51	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	4.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-52	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	2.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-53	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	3.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-54	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	3.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-55	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	3.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-56	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	1.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-57	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	1.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-58	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	1.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-59	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	1.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-6	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	7.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-60	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	1.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-61	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	8.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-62	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	8.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-63	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-64	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-65	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-66	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-67	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	8.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-68	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	5.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-69	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	2.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-7	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	8.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-70	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	4.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

			ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
			Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
			%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind													**11000**								
NEPM (1999) EIL - Commercial/Industrial													**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																				**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+													**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																		
SPA-8	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	6.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPA-9	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_51	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	2.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_52	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	2.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_53	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	2.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_54	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	4.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_55	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	4.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_56	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	1.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_57	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_58	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	2.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_59	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	3.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_60	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_71	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	7.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_72	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	6.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_73	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	6.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_74	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	7.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_75	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	7.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB_76	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	5.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-1	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	9.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-10	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	7.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-11	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-12	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	4.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-13	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	5.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-14	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-15	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-16	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	6.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-17	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	5.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-18	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	7.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-19	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	4.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-2	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	8.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

			ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
			Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
			%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL								0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind													**11000**								
NEPM (1999) EIL - Commercial/Industrial													**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																				**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																					
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m													**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+													**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																		
SPB-20	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	7.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-21	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-22	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-23	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	9.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-24	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-25	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	6.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-26	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	5.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-27	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	7.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-28	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	7.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-29	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	8.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-3	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-30	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	5.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-31	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-31	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-32	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-32	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-33	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	9.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-33	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.5
SPB-34	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	8.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-34	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-35	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	9.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-35	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-36	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-36	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-37	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-37	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-38	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	9.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-38	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-39	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	9.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-39	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

	ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
	%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind											**11000**								
NEPM (1999) EIL - Commercial/Industrial											**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																		**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																			
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m											**NL**								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+											**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																			

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																	
SPB-4	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	8.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-40	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-40	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-41	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-42	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-43	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	9.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-44	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	7.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-45	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	9.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-46	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	9.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-47	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	9.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-48	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	8.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-49	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	7.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-5	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-50	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	8.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-6	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-61	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	5.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-62	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	7.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-63	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	6.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-64	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	8.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-65	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	8.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-66	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-67	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	6.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-68	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	4.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-69	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	8.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-7	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	6.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-70	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	4.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-8	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPB-9	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	7.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.06	<0.5
SPC-1	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-10	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

	ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
	Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
	%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL						0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind											**11000**								
NEPM (1999) EIL - Commercial/Industrial											**370**								
NEPM (1999) ESL - Commercial/Industrial (fine)																		**1.4**	
NEPM (1999) HIL D - Commercial/Industrial																			
NEPM (1999) HSL D Comm/Indust - Vl Clay 0 to <1 m											**NL**								
NEPM (1999) HSL D Comm/Indust - Vl Clay 1 to <2 m											**NL**								
NEPM (1999) HSL D Comm/Indust - Vl Clay 2 to <4 m											**NL**								
NEPM (1999) HSL D Comm/Indust - Vl Clay 4 m+											**NL**								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																			

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																	
SPC-11	14/03/2018	187247	Normal	-	-	-	-	-	-	-	1000	5.1	4.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-12	14/03/2018	187247	Normal	-	-	-	-	-	-	-	340	5.5	4.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-13	14/03/2018	187247	Normal	-	-	-	-	-	-	-	360	5.3	3.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-14	14/03/2018	187247	Normal	-	-	-	-	-	-	-	830	5.3	3.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-15	14/03/2018	187247	Normal	-	-	-	-	-	-	-	740	6	3.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-16	14/03/2018	187247	Normal	-	-	-	-	-	-	-	400	5.2	3.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-17	14/03/2018	187247	Normal	-	-	-	-	-	-	-	740	5.3	6.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-18	14/03/2018	187247	Normal	-	-	-	-	-	-	-	810	5.4	6.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-19	14/03/2018	187247	Normal	-	-	-	-	-	-	-	880	5.5	5.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-2	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-20	14/03/2018	187247	Normal	-	-	-	-	-	-	-	280	6.3	5.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-3	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-4	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-5	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-6	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-7	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-8	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
SPC-9	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
STG 2 Silt 1	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
STG 2 Silt 2	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	7.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
STG 2 Silt 3	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	8.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
STG 2 Silt 4	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
STG 2 Silt 5	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	6.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
STG 2 Silt 6	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	6.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-1	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	6.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-10	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-11	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	6.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-12	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-13	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	5.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-14	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	6.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5

				ES_INHOUSE_ASB					ES_NEPM102	ESD_AS4964	Misc Inorg - Soil		Moisture Content	Naphthalene								
				Asbestos in soil (<7mm AF/FA)	Asbestos in soil (>2mm to <7mm AF/FA)	AF/FA in <2mm Sample	AF/FA in >2mm to <7mm Sample	Total Sample Weight	% Moisture	Estimated Fibres	Electrical Conductivity 1:5 soil:water	pH 1:5 soil:water	Moisture	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Fluoranthene	Fluorene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ calc (zero)
				%w/w	%w/w	g	g	g	%w/w	%w/w	µS/cm	pH Units	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL									0.5	0.01	1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.2
CRC Care (2011) Direct Contact HSL D - Comm/Ind														11000								
NEPM (1999) EIL - Commercial/Industrial														370								
NEPM (1999) ESL - Commercial/Industrial (fine)																					1.4	
NEPM (1999) HIL D - Commercial/Industrial																						
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m														NL								
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m														NL								
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m														NL								
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+														NL								
NEPM (1999) Management Limits - Commercial/Industrial (fine)																						
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																			
TS-15	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	9.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-16	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	8.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-17	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	8.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-18	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	7.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-19	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	2.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-2	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	8.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-20	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	9.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-3	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	8.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-4	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	7.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-5	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	8.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-6	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	9.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-7	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	9.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-8	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	8.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
TS-9	13/11/2019	230803	Normal	-	-	-	-	-	-	-	-	-	8.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Statistical Summary																						
Number of Results				0	0	0	0	0	10	10	10	10	425	435	435	435	435	435	435	435	435	425
Number of Detects				0	0	0	0	0	10	0	10	10	425	2	0	0	1	3	0	2	5	0
Minimum Concentration				99999	99999	99999	99999	####	3	<0.01	280	5.1	1.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	<0.5
Minimum Detect				ND	ND	ND	ND	ND	3	ND	280	5.1	1.1	ND	ND	ND	0.1	0.2	ND	0.1	0.06	ND
Maximum Concentration				0	0	0	0	0	5.8	<0.01	1000	6.3	21	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Maximum Detect				ND	ND	ND	ND	ND	5.8	ND	1000	6.3	21	0.1	ND	ND	0.1	0.2	ND	0.1	0.1	ND
Average Concentration									4.5	0.005	638	5.5	8.3	0.056	0.055	0.055	0.055	0.056	0.055	0.055	0.031	0.25
Median Concentration									4.45	0.005	740	5.35	8.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.025	0.25
Standard Deviation									0.94	0	264	0.38	3.7	0.034	0.03	0.03	0.03	0.032	0.03	0.03	0.034	0
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																							
010-1	15/01/2020	234645	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
010-10	15/01/2020	234645	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
010-2	15/01/2020	234645	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
010-3	15/01/2020	234645	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
010-4	15/01/2020	234645	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
010-5	15/01/2020	234645	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
010-6	15/01/2020	234645	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
010-7	15/01/2020	234645	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
010-8	15/01/2020	234645	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
010-9	15/01/2020	234645	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
BS-1	13/11/2018	205601	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
BS2	29/10/2019	229506	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
BS3	29/10/2019	229506	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
BS4	29/10/2019	229506	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
BS5	29/10/2019	229506	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP_10	17/03/2020	239089	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP_6	17/03/2020	239089	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP_7	17/03/2020	239089	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP_8	17/03/2020	239089	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP_9	17/03/2020	239089	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP-1	26/02/2020	237701	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP-11	8/04/2020	240580	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP-12	8/04/2020	240580	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP-13	8/04/2020	240580	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP-14	8/04/2020	240580	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP-15	8/04/2020	240580	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP-2	26/02/2020	237701	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP-3	26/02/2020	237701	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP-4	26/02/2020	237701	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D4SP-5	26/02/2020	237701	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D6SP-1	4/05/2020	242242	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																							
D6SP-2	4/05/2020	242242	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D6SP-3	4/05/2020	242242	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D6SP-4	4/05/2020	242242	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D6SP-5	4/05/2020	242242	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D6SP-6	4/05/2020	242242	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D6SP-7	4/05/2020	242242	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
D6SP-8	4/05/2020	242242	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5 - 21	10/07/2018	195990	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5 - 22	10/07/2018	195990	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5 - 23	10/07/2018	195990	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5 - 24	10/07/2018	195990	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5 - 25	10/07/2018	195990	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5 - 26	10/07/2018	195990	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5 - 27	10/07/2018	195990	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5 - 28	10/07/2018	195990	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5 - 29	10/07/2018	195990	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5 - 30	10/07/2018	195990	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 1	5/07/2018	195721	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 10	5/07/2018	195721	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 11	9/07/2018	195898	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 12	9/07/2018	195898	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 13	9/07/2018	195898	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 14	9/07/2018	195898	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 15	9/07/2018	195898	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 16	9/07/2018	195898	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 17	9/07/2018	195898	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 18	9/07/2018	195898	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 19	9/07/2018	195898	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 2	5/07/2018	195721	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 20	9/07/2018	195898	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																							
Dam 5- 3	5/07/2018	195721	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 4	5/07/2018	195721	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 5	5/07/2018	195721	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 6	5/07/2018	195721	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 7	5/07/2018	195721	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 8	5/07/2018	195721	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Dam 5- 9	5/07/2018	195721	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-1	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-10	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-11	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-12	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-13	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-14	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-15	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-2	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-3	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-4	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-5	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-6	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-7	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-8	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
DAM5-9	16/04/2018	189620	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
GASP-1	17/06/2019	219831	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
GASP-10	17/06/2019	219831	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
GASP-2	17/06/2019	219831	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
GASP-3	17/06/2019	219831	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
GASP-4	17/06/2019	219831	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
GASP-5	17/06/2019	219831	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
GASP-6	17/06/2019	219831	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
GASP-7	17/06/2019	219831	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

				PAHs in Soil											pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
				Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																				**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																													
NEPM (1999) ESL - Commercial/Industrial (fine)																				**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																													
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																							**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																							**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																							**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																							**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																			**1000**	**5000**	**10000**							
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																										
GASP-8	17/06/2019	219831	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
GASP-9	17/06/2019	219831	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-1	8/08/2019	223566	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-10	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-11	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-12	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-13	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-14	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-15	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-16	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-17	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-18	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-19	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-2	8/08/2019	223566	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-20	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-3	8/08/2019	223566	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-4	8/08/2019	223566	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-5	8/08/2019	223566	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-6	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-7	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-8	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
I8SP-9	29/11/2019	231951	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
J/8 - 1	6/09/2018	200372	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
J/8 - 10	6/09/2018	200372	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
J/8 - 2	6/09/2018	200372	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
J/8 - 3	6/09/2018	200372	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
J/8 - 4	6/09/2018	200372	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
J/8 - 5	6/09/2018	200372	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
J/8 - 6	6/09/2018	200372	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
J/8 - 7	6/09/2018	200372	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																							
J/8 - 8	6/09/2018	200372	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
J/8 - 9	6/09/2018	200372	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-1	13/01/2020	234534	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-10	13/01/2020	234534	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-11	30/01/2020	235661	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-12	30/01/2020	235661	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-13	30/01/2020	235661	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-14	30/01/2020	235661	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-15	30/01/2020	235661	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-16	30/01/2020	235661	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-17	30/01/2020	235661	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-18	30/01/2020	235661	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-19	30/01/2020	235661	Normal	<0.5	<0.5	<0.2	<0.1	0.2	<0.1	<0.1	<0.1	0.2	0.79	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-2	13/01/2020	234534	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-20	30/01/2020	235661	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-21	26/02/2020	237702	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-22	26/02/2020	237702	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-23	26/02/2020	237702	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-24	26/02/2020	237702	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-25	26/02/2020	237702	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-26	26/02/2020	237702	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-27	26/02/2020	237702	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-28	26/02/2020	237702	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-29	26/02/2020	237702	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-3	13/01/2020	234534	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-30	26/02/2020	237702	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-31	20/05/2020	243333	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-32	20/05/2020	243333	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-33	20/05/2020	243333	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-34	20/05/2020	243333	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																							
K13SP-35	20/05/2020	243333	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-36	20/05/2020	243333	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-37	20/05/2020	243333	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-38	20/05/2020	243333	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-39	20/05/2020	243333	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-4	13/01/2020	234534	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-40	20/05/2020	243333	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-41	10/06/2020	ES2020056	Normal	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5
K13SP-42	10/06/2020	ES2020056	Normal	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5
K13SP-43	10/06/2020	ES2020056	Normal	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5
K13SP-44	10/06/2020	ES2020056	Normal	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5
K13SP-45	10/06/2020	ES2020056	Normal	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5
K13SP-46	10/06/2020	ES2020056	Normal	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5
K13SP-47	10/06/2020	ES2020056	Normal	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5
K13SP-48	10/06/2020	ES2020056	Normal	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5
K13SP-49	10/06/2020	ES2020056	Normal	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5
K13SP-5	13/01/2020	234534	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-50	10/06/2020	ES2020056	Normal	0.6	1.2	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<10	<10	<0.2	<0.5	<0.5
K13SP-6	13/01/2020	234534	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-7	13/01/2020	234534	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-8	13/01/2020	234534	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
K13SP-9	13/01/2020	234534	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
MS-1	12/11/2018	205451	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	100	<50	<50	100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
MS-2	12/11/2018	205451	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
MS-3	12/11/2018	205451	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
MS-4	12/11/2018	205451	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
N8-1	7/11/2019	230416	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
N8-10	7/11/2019	230416	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
N8-2	7/11/2019	230416	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
N8-3	7/11/2019	230416	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																							
N8-4	7/11/2019	230416	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
N8-5	7/11/2019	230416	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
N8-6	7/11/2019	230416	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
N8-7	7/11/2019	230416	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
N8-8	7/11/2019	230416	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
N8-9	7/11/2019	230416	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-1	19/12/2019	233583	Normal	<0.5	<0.5	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	0.73	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-10	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-11	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-12	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-13	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-14	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-15	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.07	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-16	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-17	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-18	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-19	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-2	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-20	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-3	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-4	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-5	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-6	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-7	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-8	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
NIOSP-9	19/12/2019	233583	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
S2-M-1	3/11/2016	SE158839	Normal	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.8	8.5	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1
S2-M-10	3/11/2016	SE158839	Normal	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.8	7.5	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1
S2-M-2	3/11/2016	SE158839	Normal	<0.2	<0.3	-	<0.1	0.1	<0.1	<0.1	0.1	<0.1	<0.8	-	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1
S2-M-3	3/11/2016	SE158839	Normal	<0.2	<0.3	-	<0.1	0.2	<0.1	<0.1	0.2	<0.1	<0.8	-	58	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																							
S2-M-4	3/11/2016	SE158839	Normal	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.8	-	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1
S2-M-5	3/11/2016	SE158839	Normal	<0.2	<0.3	-	<0.1	0.1	<0.1	<0.1	0.2	<0.1	<0.8	8	53	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1
S2-M-6	3/11/2016	SE158839	Normal	<0.2	<0.3	-	<0.1	0.1	<0.1	<0.1	0.1	<0.1	<0.8	-	51	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1
S2-M-7	3/11/2016	SE158839	Normal	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.8	-	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1
S2-M-8	3/11/2016	SE158839	Normal	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.8	-	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1
S2-M-9	3/11/2016	SE158839	Normal	<0.2	<0.3	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.8	-	<45	<45	<210	<20	<25	<90	<120	<25	<0.1	<25	<20	<0.1	<0.1	<0.1
Silt 1	27/06/2018	195015	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Silt 10	27/06/2018	195015	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Silt 2	27/06/2018	195015	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Silt 3	27/06/2018	195015	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Silt 4	27/06/2018	195015	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Silt 5	27/06/2018	195015	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Silt 6	27/06/2018	195015	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Silt 7	27/06/2018	195015	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Silt 8	27/06/2018	195015	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Silt 9	27/06/2018	195015	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA_61	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA_62	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA_63	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA_64	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA_65	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA_66	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-1	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-10	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-11	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-12	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-13	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-14	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-15	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-16	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																							
SPA-17	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-18	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-19	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	0.3	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-2	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-20	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-21	5/03/2018	186533	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-22	5/03/2018	186533	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-23	5/03/2018	186533	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-24	5/03/2018	186533	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-25	5/03/2018	186533	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-26	5/03/2018	186533	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-27	5/03/2018	186533	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-28	5/03/2018	186533	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-29	5/03/2018	186533	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-3	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-30	5/03/2018	186533	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-31	26/03/2018	188266	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-32	26/03/2018	188266	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-33	26/03/2018	188266	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-34	26/03/2018	188266	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-35	26/03/2018	188266	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-36	26/03/2018	188266	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-37	26/03/2018	188266	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-38	26/03/2018	188266	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-39	26/03/2018	188266	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-4	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-40	26/03/2018	188266	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-41	6/04/2018	189385	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-42	6/04/2018	189385	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-43	6/04/2018	189385	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.2	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																							
SPA-44	6/04/2018	189385	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-45	6/04/2018	189385	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-46	6/04/2018	189385	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-47	6/04/2018	189385	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-48	6/04/2018	189385	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-49	6/04/2018	189385	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-5	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-50	6/04/2018	189385	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-51	11/04/2018	189387	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-52	11/04/2018	189387	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-53	11/04/2018	189387	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-54	11/04/2018	189387	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-55	11/04/2018	189387	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-56	11/04/2018	189387	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-57	11/04/2018	189387	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-58	11/04/2018	189387	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-59	11/04/2018	189387	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-6	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-60	11/04/2018	189387	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-61	18/04/2018	189866	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-62	18/04/2018	189866	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-63	18/04/2018	189866	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-64	18/04/2018	189866	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-65	18/04/2018	189866	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-66	18/04/2018	189866	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-67	18/04/2018	189866	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-68	18/04/2018	189866	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-69	18/04/2018	189866	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-7	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-70	18/04/2018	189866	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																							
SPA-8	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPA-9	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_51	13/04/2018	189484	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_52	13/04/2018	189484	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_53	13/04/2018	189484	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_54	13/04/2018	189484	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_55	13/04/2018	189484	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_56	13/04/2018	189484	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_57	13/04/2018	189484	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_58	13/04/2018	189484	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_59	13/04/2018	189484	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_60	13/04/2018	189484	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_71	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_72	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_73	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_74	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_75	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB_76	11/05/2018	191470	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-1	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-10	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-11	21/02/2018	185762	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-12	21/02/2018	185762	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-13	21/02/2018	185762	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-14	21/02/2018	185762	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-15	21/02/2018	185762	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-16	21/02/2018	185762	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-17	21/02/2018	185762	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-18	21/02/2018	185762	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-19	21/02/2018	185762	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-2	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																							
SPB-20	21/02/2018	185762	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-21	28/02/2018	186263	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-22	28/02/2018	186263	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-23	28/02/2018	186263	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-24	28/02/2018	186263	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-25	28/02/2018	186263	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-26	28/02/2018	186263	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-27	28/02/2018	186263	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-28	28/02/2018	186263	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-29	28/02/2018	186263	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-3	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-30	28/02/2018	186263	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-31	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-31	15/03/2018	187431	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-32	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-32	15/03/2018	187431	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-33	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-33	15/03/2018	187431	Normal	<0.5	<0.5	<0.2	<0.1	0.1	<0.1	<0.1	0.2	0.3	1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-34	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-34	15/03/2018	187431	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-35	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-35	15/03/2018	187431	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-36	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-36	15/03/2018	187431	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-37	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-37	15/03/2018	187431	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-38	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-38	15/03/2018	187431	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-39	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-39	15/03/2018	187431	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

				PAHs in Soil											pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
				Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																				**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																													
NEPM (1999) ESL - Commercial/Industrial (fine)																				**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																													
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																							**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																							**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																							**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																							**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																			**1000**	**5000**	**10000**							
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																										
SPB-4	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-40	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-40	15/03/2018	187431	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-41	28/03/2018	188434	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-42	28/03/2018	188434	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-43	28/03/2018	188434	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-44	28/03/2018	188434	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-45	28/03/2018	188434	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-46	28/03/2018	188434	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-47	28/03/2018	188434	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-48	28/03/2018	188434	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-49	28/03/2018	188434	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-5	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-50	28/03/2018	188434	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-6	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-61	2/05/2018	190639	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-62	2/05/2018	190639	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-63	2/05/2018	190639	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-64	2/05/2018	190639	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-65	2/05/2018	190639	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-66	2/05/2018	190639	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-67	2/05/2018	190639	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.1	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-68	2/05/2018	190639	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-69	2/05/2018	190639	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-7	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-70	2/05/2018	190639	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-8	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPB-9	20/02/2018	185696	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.06	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-1	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-10	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

	PAHs in Soil										pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
	Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																	**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																									
NEPM (1999) ESL - Commercial/Industrial (fine)																	**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																									
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																				**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																				**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																				**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																				**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																**1000**	**5000**	**10000**							

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																							
SPC-11	14/03/2018	187247	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-12	14/03/2018	187247	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-13	14/03/2018	187247	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-14	14/03/2018	187247	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-15	14/03/2018	187247	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-16	14/03/2018	187247	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-17	14/03/2018	187247	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-18	14/03/2018	187247	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-19	14/03/2018	187247	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-2	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-20	14/03/2018	187247	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-3	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-4	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-5	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-6	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-7	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-8	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
SPC-9	7/03/2018	186885	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
STG 2 Silt 1	15/01/2018	183340	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
STG 2 Silt 2	15/01/2018	183340	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
STG 2 Silt 3	15/01/2018	183340	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
STG 2 Silt 4	15/01/2018	183340	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
STG 2 Silt 5	15/01/2018	183340	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
STG 2 Silt 6	15/01/2018	183340	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-1	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-10	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-11	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-12	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-13	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-14	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1

				PAHs in Soil											pH	svTRH (C10-C40) in Soil								vTRH(C6-C10)/BTEXN in Soil					
				Benzo(a)pyrene TEQ calc(half)	Benzo(a)pyrene TEQ calc(PQL)	Benzo(b,j+k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Phenanthrene	Pyrene	Total +ve PAHs	pH (Lab)	TRH C15 - C28	TRH C29 - C36	Total +ve TRH (>C10-C40)	TRH C10 - C14	TRH >C10-C16	TRH >C16-C34	TRH >C34-C40	TRH >C10 - C16 less Naphthalene (F2)	Toluene	TRH C6 - C10	TRH C6 - C9	Benzene	Ethylbenzene	o-Xylene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	pH units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0	45	45	50	20	25	90	100	25	0.1	10	10	0.1	0.1	0.1
CRC Care (2011) Direct Contact HSL D - Comm/Ind																				**27000**			**99000**			**430**	**27000**	
NEPM (1999) EIL - Commercial/Industrial																													
NEPM (1999) ESL - Commercial/Industrial (fine)																				**2500**	**6600**		**135**			**95**	**185**	
NEPM (1999) HIL D - Commercial/Industrial																													
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																							**NL**			**4**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																							**NL**			**6**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																							**NL**			**9**	**NL**	
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																							**NL**			**NL**	**NL**	
NEPM (1999) Management Limits - Commercial/Industrial (fine)																		**1000**	**5000**	**10000**								
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																										
TS-15	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-16	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-17	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-18	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-19	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-2	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-20	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-3	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-4	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-5	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-6	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-7	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-8	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
TS-9	13/11/2019	230803	Normal	<0.5	<0.5	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	-	<100	<100	<50	<50	<50	<100	<100	<50	<0.5	<25	<25	<0.2	<1	<1
Statistical Summary																													
Number of Results				435	435	415	435	435	435	435	435	435	425	3	435	435	435	435	435	435	435	435	435	435	435	435	435	435
Number of Detects				10	10	1	0	6	0	0	101	5	102	3	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.2	<0.3	<0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.05	7.5	<45	<45	<50	<20	<25	<90	<100	<25	<0.1	<10	<10	<0.1	<0.1	<0.1
Minimum Detect				0.6	1.2	0.3	ND	0.1	ND	ND	0.1	0.1	0.06	7.5	51	ND	100	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				0.6	1.2	0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1	8.5	<100	<100	<210	<50	<50	100	<120	<50	<0.5	<25	<25	<0.2	<1	<1
Maximum Detect				0.6	1.2	0.3	ND	0.2	ND	ND	0.2	0.3	1	8.5	58	ND	100	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.25	0.27	0.1	0.055	0.056	0.055	0.055	0.072	0.056	0.063	8	50	49	27	25	25	50	50	25	0.25	12	12	0.099	0.48	0.48
Median Concentration				0.25	0.25	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.025	8	50	50	25	25	25	50	50	25	0.25	12.5	12.5	0.1	0.5	0.5
Standard Deviation				0.058	0.14	0.0098	0.03	0.032	0.03	0.03	0.047	0.034	0.098	0.5	3.5	4.1	13	2.3	1.9	2.5	1.5	1.9	0.03	1.1	1.2	0.008	0.076	0.076
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
010-1	15/01/2020	234645	Normal	<3	<25	-	7	<0.4	14	29	13	<0.1	11	51	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
010-10	15/01/2020	234645	Normal	<3	<25	-	5	<0.4	8	36	16	<0.1	16	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
010-2	15/01/2020	234645	Normal	<3	<25	-	6	<0.4	12	38	16	<0.1	18	69	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
010-3	15/01/2020	234645	Normal	<3	<25	-	6	<0.4	9	30	13	<0.1	16	60	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
010-4	15/01/2020	234645	Normal	<3	<25	-	6	<0.4	11	38	16	<0.1	18	73	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
010-5	15/01/2020	234645	Normal	<3	<25	-	6	<0.4	10	35	15	<0.1	17	66	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
010-6	15/01/2020	234645	Normal	<3	<25	-	6	<0.4	10	34	14	<0.1	17	65	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
010-7	15/01/2020	234645	Normal	<3	<25	-	5	<0.4	10	36	15	<0.1	17	66	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
010-8	15/01/2020	234645	Normal	<3	<25	-	5	<0.4	9	38	15	<0.1	17	72	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
010-9	15/01/2020	234645	Normal	<3	<25	-	5	<0.4	11	36	16	<0.1	17	71	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
BS-1	13/11/2018	205601	Normal	<1	<25	-	<4	<0.4	8	8	16	<0.1	7	57	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
BS2	29/10/2019	229506	Normal	<3	<25	-	<4	<0.4	5	3	7	<0.1	2	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
BS3	29/10/2019	229506	Normal	<3	<25	-	<4	<0.4	6	3	9	<0.1	2	14	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
BS4	29/10/2019	229506	Normal	<3	<25	-	<4	<0.4	7	5	9	<0.1	4	18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
BS5	29/10/2019	229506	Normal	<3	<25	-	<4	<0.4	6	3	8	<0.1	2	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP_10	17/03/2020	239089	Normal	<3	<25	-	12	<0.4	14	37	12	<0.1	21	51	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP_6	17/03/2020	239089	Normal	<3	<25	-	14	<0.4	16	43	14	<0.1	23	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP_7	17/03/2020	239089	Normal	<3	<25	-	12	<0.4	15	39	13	<0.1	21	58	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP_8	17/03/2020	239089	Normal	<3	<25	-	13	<0.4	17	42	13	<0.1	23	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP_9	17/03/2020	239089	Normal	<3	<25	-	11	<0.4	15	38	12	<0.1	22	58	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP-1	26/02/2020	237701	Normal	<3	<25	-	11	<0.4	16	25	11	<0.1	9	33	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP-11	8/04/2020	240580	Normal	<3	<25	-	16	<0.4	14	49	12	<0.1	21	58	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP-12	8/04/2020	240580	Normal	<3	<25	-	14	<0.4	14	50	15	<0.1	24	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP-13	8/04/2020	240580	Normal	<3	<25	-	17	0.4	15	58	14	<0.1	25	64	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP-14	8/04/2020	240580	Normal	<3	<25	-	14	<0.4	14	45	15	<0.1	23	60	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP-15	8/04/2020	240580	Normal	<3	<25	-	15	<0.4	15	49	15	<0.1	23	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP-2	26/02/2020	237701	Normal	<3	<25	-	10	<0.4	15	26	12	<0.1	19	47	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP-3	26/02/2020	237701	Normal	<3	<25	-	15	<0.4	12	26	7	<0.1	8	30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP-4	26/02/2020	237701	Normal	<3	<25	-	11	<0.4	12	21	9	<0.1	6	30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D4SP-5	26/02/2020	237701	Normal	<3	<25	-	11	<0.4	15	27	10	<0.1	8	38	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D6SP-1	4/05/2020	242242	Normal	<3	<25	-	20	<0.4	19	36	12	<0.1	18	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
D6SP-2	4/05/2020	242242	Normal	<3	<25	-	<4	1	9	21	24	<0.1	5	330	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D6SP-3	4/05/2020	242242	Normal	<3	<25	-	20	<0.4	16	38	13	<0.1	26	88	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D6SP-4	4/05/2020	242242	Normal	<3	<25	-	15	<0.4	17	40	15	<0.1	21	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D6SP-5	4/05/2020	242242	Normal	<3	<25	-	11	0.4	16	40	12	<0.1	21	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D6SP-6	4/05/2020	242242	Normal	<3	<25	-	18	0.4	17	48	15	<0.1	30	82	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D6SP-7	4/05/2020	242242	Normal	<3	<25	-	20	<0.4	16	39	12	<0.1	22	68	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
D6SP-8	4/05/2020	242242	Normal	<3	<25	-	<4	1	14	35	43	<0.1	7	600	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5 - 21	10/07/2018	195990	Normal	<1	<25	-	6	<0.4	10	45	22	<0.1	21	72	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 22	10/07/2018	195990	Normal	<1	<25	-	7	<0.4	10	47	20	<0.1	22	71	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5 - 23	10/07/2018	195990	Normal	<1	<25	-	7	<0.4	11	47	17	<0.1	22	69	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 24	10/07/2018	195990	Normal	<1	<25	-	9	<0.4	11	45	15	<0.1	21	63	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5 - 25	10/07/2018	195990	Normal	<1	<25	-	7	<0.4	10	40	14	<0.1	18	63	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 26	10/07/2018	195990	Normal	<1	<25	-	7	<0.4	11	46	15	<0.1	22	65	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5 - 27	10/07/2018	195990	Normal	<1	<25	-	7	<0.4	12	42	15	<0.1	21	69	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 28	10/07/2018	195990	Normal	<1	<25	-	9	<0.4	13	43	16	<0.1	22	73	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5 - 29	10/07/2018	195990	Normal	<1	<25	-	6	<0.4	10	40	15	<0.1	20	70	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 30	10/07/2018	195990	Normal	<1	<25	-	9	<0.4	8	42	17	<0.1	21	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5- 1	5/07/2018	195721	Normal	<1	<25	-	8	<0.4	10	45	16	<0.1	19	70	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 10	5/07/2018	195721	Normal	<1	<25	-	5	<0.4	10	41	16	<0.1	19	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5- 11	9/07/2018	195898	Normal	<1	<25	-	5	<0.4	9	40	15	<0.1	19	70	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 12	9/07/2018	195898	Normal	<1	<25	-	6	<0.4	9	36	14	<0.1	18	69	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5- 13	9/07/2018	195898	Normal	<1	<25	-	9	<0.4	12	42	17	<0.1	21	71	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 14	9/07/2018	195898	Normal	<1	<25	-	11	<0.4	15	38	16	<0.1	17	54	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5- 15	9/07/2018	195898	Normal	<1	<25	-	13	<0.4	13	47	15	<0.1	19	56	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 16	9/07/2018	195898	Normal	<1	<25	-	8	<0.4	12	38	16	<0.1	20	68	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5- 17	9/07/2018	195898	Normal	<1	<25	-	9	<0.4	25	40	16	<0.1	36	69	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 18	9/07/2018	195898	Normal	<1	<25	-	12	<0.4	27	48	15	<0.1	37	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5- 19	9/07/2018	195898	Normal	<1	<25	-	10	<0.4	32	43	15	<0.1	39	66	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 2	5/07/2018	195721	Normal	<1	<25	-	5	<0.4	10	46	15	<0.1	20	67	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
Dam 5- 20	9/07/2018	195898	Normal	<1	<25	-	10	<0.4	27	44	17	<0.1	33	68	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-

				Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
Dam 5- 3	5/07/2018	195721	Normal	<1	<25	-	6	<0.4	10	40	16	<0.1	19	66	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 4	5/07/2018	195721	Normal	<1	<25	-	5	<0.4	10	41	16	<0.1	20	68	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
Dam 5- 5	5/07/2018	195721	Normal	<1	<25	-	6	<0.4	12	44	16	<0.1	20	74	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 6	5/07/2018	195721	Normal	<1	<25	-	17	<0.4	9	41	23	0.1	20	69	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
Dam 5- 7	5/07/2018	195721	Normal	<1	<25	-	7	<0.4	10	43	16	<0.1	20	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 8	5/07/2018	195721	Normal	<1	<25	-	5	<0.4	9	42	16	<0.1	22	74	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
Dam 5- 9	5/07/2018	195721	Normal	<1	<25	-	5	<0.4	10	40	17	<0.1	20	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-1	16/04/2018	189620	Normal	<1	<25	-	9	<0.4	13	35	15	<0.1	17	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-10	16/04/2018	189620	Normal	<1	<25	-	6	<0.4	12	32	14	<0.1	18	55	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
DAM5-11	16/04/2018	189620	Normal	<1	<25	-	6	<0.4	20	29	13	<0.1	21	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-12	16/04/2018	189620	Normal	<1	<25	-	6	<0.4	16	27	14	<0.1	17	46	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
DAM5-13	16/04/2018	189620	Normal	<1	<25	-	7	<0.4	12	31	14	<0.1	17	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-14	16/04/2018	189620	Normal	<1	<25	-	7	<0.4	13	33	14	<0.1	18	56	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
DAM5-15	16/04/2018	189620	Normal	<1	<25	-	6	<0.4	12	26	12	<0.1	16	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-2	16/04/2018	189620	Normal	<1	<25	-	7	<0.4	13	33	13	<0.1	17	53	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
DAM5-3	16/04/2018	189620	Normal	<1	<25	-	7	<0.4	12	34	15	<0.1	19	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-4	16/04/2018	189620	Normal	<1	<25	-	8	<0.4	13	36	14	<0.1	21	56	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
DAM5-5	16/04/2018	189620	Normal	<1	<25	-	7	<0.4	12	29	15	<0.1	15	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-6	16/04/2018	189620	Normal	<1	<25	-	7	<0.4	13	32	15	<0.1	18	54	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
DAM5-7	16/04/2018	189620	Normal	<1	<25	-	7	<0.4	12	34	15	<0.1	18	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-8	16/04/2018	189620	Normal	<1	<25	-	8	<0.4	13	34	16	<0.1	19	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
DAM5-9	16/04/2018	189620	Normal	<1	<25	-	7	<0.4	12	30	13	<0.1	16	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GASP-1	17/06/2019	219831	Normal	<3	<25	-	13	<0.4	19	33	14	<0.1	22	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
GASP-10	17/06/2019	219831	Normal	<3	<25	-	12	<0.4	15	37	13	0.1	21	66	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
GASP-2	17/06/2019	219831	Normal	<3	<25	-	13	<0.4	16	35	14	<0.1	21	64	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
GASP-3	17/06/2019	219831	Normal	<3	<25	-	14	<0.4	15	35	12	<0.1	20	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
GASP-4	17/06/2019	219831	Normal	<3	<25	-	12	<0.4	15	31	15	<0.1	19	64	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
GASP-5	17/06/2019	219831	Normal	<3	<25	-	12	<0.4	12	28	10	<0.1	15	46	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
GASP-6	17/06/2019	219831	Normal	<3	<25	-	14	<0.4	16	32	15	<0.1	21	66	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
GASP-7	17/06/2019	219831	Normal	<3	<25	-	12	<0.4	14	30	12	<0.1	18	60	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
GASP-8	17/06/2019	219831	Normal	<3	<25	-	13	<0.4	15	34	14	<0.1	20	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
GASP-9	17/06/2019	219831	Normal	<3	<25	-	13	<0.4	17	33	13	<0.1	21	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-1	8/08/2019	223566	Normal	<3	<25	-	9	<0.4	12	33	11	<0.1	16	48	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-10	29/11/2019	231951	Normal	<3	<25	-	6	<0.4	9	33	13	<0.1	14	58	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-11	29/11/2019	231951	Normal	<3	<25	-	6	<0.4	10	30	13	<0.1	15	54	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-12	29/11/2019	231951	Normal	<3	<25	-	8	<0.4	12	38	16	<0.1	18	66	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-13	29/11/2019	231951	Normal	<3	<25	-	9	<0.4	11	36	16	<0.1	18	65	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-14	29/11/2019	231951	Normal	<3	<25	-	12	<0.4	14	43	17	<0.1	22	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-15	29/11/2019	231951	Normal	<3	<25	-	7	<0.4	12	40	14	<0.1	18	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-16	29/11/2019	231951	Normal	<3	<25	-	7	<0.4	11	38	20	<0.1	16	71	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-17	29/11/2019	231951	Normal	<3	<25	-	8	<0.4	13	36	15	<0.1	18	63	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-18	29/11/2019	231951	Normal	<3	<25	-	6	<0.4	10	39	15	<0.1	17	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-19	29/11/2019	231951	Normal	<3	<25	-	6	<0.4	10	42	16	<0.1	18	68	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-2	8/08/2019	223566	Normal	<3	<25	-	10	<0.4	14	40	15	<0.1	18	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-20	29/11/2019	231951	Normal	<3	<25	-	5	<0.4	9	31	13	<0.1	15	52	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-3	8/08/2019	223566	Normal	<3	<25	-	10	<0.4	14	41	13	<0.1	18	57	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-4	8/08/2019	223566	Normal	<3	<25	-	8	<0.4	13	30	10	<0.1	15	45	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-5	8/08/2019	223566	Normal	<3	<25	-	9	<0.4	12	35	12	<0.1	16	52	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-6	29/11/2019	231951	Normal	<3	<25	-	6	<0.4	10	39	17	<0.1	17	63	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-7	29/11/2019	231951	Normal	<3	<25	-	5	<0.4	8	40	15	<0.1	15	85	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-8	29/11/2019	231951	Normal	<3	<25	-	5	<0.4	8	34	14	<0.1	14	56	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
I8SP-9	29/11/2019	231951	Normal	<3	<25	-	7	<0.4	11	36	15	<0.1	17	60	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
J/8 - 1	6/09/2018	200372	Normal	<1	<25	-	7	<0.4	11	25	10	<0.1	17	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/8 - 10	6/09/2018	200372	Normal	<1	<25	-	10	<0.4	14	36	14	<0.1	23	71	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
J/8 - 2	6/09/2018	200372	Normal	<1	<25	-	10	<0.4	14	38	14	<0.1	23	72	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
J/8 - 3	6/09/2018	200372	Normal	<1	<25	-	11	<0.4	14	39	14	<0.1	23	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/8 - 4	6/09/2018	200372	Normal	<1	<25	-	10	<0.4	14	39	15	<0.1	23	71	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
J/8 - 5	6/09/2018	200372	Normal	<1	<25	-	9	<0.4	13	38	14	<0.1	22	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/8 - 6	6/09/2018	200372	Normal	<1	<25	-	9	<0.4	13	37	15	<0.1	21	66	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
J/8 - 7	6/09/2018	200372	Normal	<1	<25	-	9	<0.4	12	37	13	<0.1	21	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
J/8 - 8	6/09/2018	200372	Normal	<1	<25	-	12	<0.4	14	40	15	<0.1	24	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
J/8 - 9	6/09/2018	200372	Normal	<1	<25	-	11	<0.4	14	38	14	<0.1	23	69	-	-	-	-	-	-	-	-	-	-	-	-	-
K13SP-1	13/01/2020	234534	Normal	<3	<25	-	8	<0.4	15	32	16	<0.1	18	58	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-10	13/01/2020	234534	Normal	<3	<25	-	7	<0.4	15	31	14	<0.1	18	56	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-11	30/01/2020	235661	Normal	<3	<25	-	6	<0.4	16	47	12	<0.1	20	46	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-12	30/01/2020	235661	Normal	<3	<25	-	4	<0.4	9	31	12	<0.1	13	55	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-13	30/01/2020	235661	Normal	<3	<25	-	8	<0.4	17	33	13	<0.1	20	54	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-14	30/01/2020	235661	Normal	<3	<25	-	<4	<0.4	12	26	12	<0.1	12	42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-15	30/01/2020	235661	Normal	<3	<25	-	6	<0.4	14	25	13	<0.1	13	42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-16	30/01/2020	235661	Normal	<3	<25	-	8	<0.4	16	29	15	<0.1	16	50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-17	30/01/2020	235661	Normal	<3	<25	-	7	<0.4	17	27	20	<0.1	13	45	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-18	30/01/2020	235661	Normal	<3	<25	-	6	<0.4	13	30	13	<0.1	15	51	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-19	30/01/2020	235661	Normal	<3	<25	-	7	<0.4	18	28	15	<0.1	17	50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-2	13/01/2020	234534	Normal	<3	<25	-	7	<0.4	19	31	15	<0.1	19	57	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-20	30/01/2020	235661	Normal	<3	<25	-	10	<0.4	18	36	15	<0.1	21	58	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-21	26/02/2020	237702	Normal	<3	<25	-	9	<0.4	16	36	19	<0.1	20	67	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-22	26/02/2020	237702	Normal	<3	<25	-	9	<0.4	15	32	17	<0.1	18	63	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-23	26/02/2020	237702	Normal	<3	<25	-	10	<0.4	17	33	17	<0.1	19	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-24	26/02/2020	237702	Normal	<3	<25	-	9	<0.4	18	33	17	<0.1	20	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-25	26/02/2020	237702	Normal	<3	<25	-	9	<0.4	21	36	18	<0.1	25	64	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-26	26/02/2020	237702	Normal	<3	<25	-	9	<0.4	18	37	16	<0.1	21	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-27	26/02/2020	237702	Normal	<3	<25	-	8	<0.4	15	37	15	<0.1	19	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-28	26/02/2020	237702	Normal	<3	<25	-	10	<0.4	18	37	17	<0.1	26	60	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-29	26/02/2020	237702	Normal	<3	<25	-	8	<0.4	14	34	14	<0.1	19	54	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-3	13/01/2020	234534	Normal	<3	<25	-	6	<0.4	11	26	11	<0.1	13	45	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-30	26/02/2020	237702	Normal	<3	<25	-	13	<0.4	16	44	16	<0.1	29	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-31	20/05/2020	243333	Normal	<3	<25	-	7	<0.4	15	28	16	<0.1	15	46	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-32	20/05/2020	243333	Normal	<3	<25	-	7	<0.4	13	29	16	<0.1	15	48	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-33	20/05/2020	243333	Normal	<3	<25	-	8	<0.4	15	30	14	<0.1	16	49	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
K13SP-34	20/05/2020	243333	Normal	<3	<25	-	5	<0.4	7	20	10	<0.1	9	34	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																					
K13SP-35	20/05/2020	243333	Normal	<3	<25	-	8	<0.4	13	32	13	<0.1	17	46	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-36	20/05/2020	243333	Normal	<3	<25	-	7	<0.4	13	30	17	<0.1	16	47	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-37	20/05/2020	243333	Normal	<3	<25	-	9	<0.4	15	32	14	<0.1	17	48	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-38	20/05/2020	243333	Normal	<3	<25	-	9	<0.4	19	32	15	<0.1	20	52	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-39	20/05/2020	243333	Normal	<3	<25	-	7	<0.4	14	28	15	<0.1	13	39	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-4	13/01/2020	234534	Normal	<3	<25	-	5	<0.4	15	29	11	<0.1	17	53	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-40	20/05/2020	243333	Normal	<3	<25	-	7	<0.4	14	31	15	<0.1	16	51	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-41	10/06/2020	ES2020056	Normal	<0.5	<10	-	9	<1	24	27	17	<0.1	24	53	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-42	10/06/2020	ES2020056	Normal	<0.5	<10	-	10	<1	19	28	18	0.1	19	53	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-43	10/06/2020	ES2020056	Normal	<0.5	<10	-	10	<1	24	32	17	<0.1	25	61	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-44	10/06/2020	ES2020056	Normal	<0.5	<10	-	10	<1	23	31	17	<0.1	24	58	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-45	10/06/2020	ES2020056	Normal	<0.5	<10	-	7	<1	21	29	15	<0.1	22	53	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-46	10/06/2020	ES2020056	Normal	<0.5	<10	-	8	<1	25	30	15	<0.1	28	55	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-47	10/06/2020	ES2020056	Normal	<0.5	<10	-	11	<1	15	29	16	<0.1	16	54	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-48	10/06/2020	ES2020056	Normal	<0.5	<10	-	9	<1	17	28	17	<0.1	17	54	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-49	10/06/2020	ES2020056	Normal	<0.5	<10	-	13	<1	18	39	18	<0.1	22	67	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-5	13/01/2020	234534	Normal	<3	<25	-	6	<0.4	14	30	14	<0.1	16	53	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-50	10/06/2020	ES2020056	Normal	<0.5	<10	-	10	<1	17	29	17	<0.1	19	57	-	-	-	-	-	-	-	-	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-6	13/01/2020	234534	Normal	<3	<25	-	8	<0.4	17	31	15	<0.1	19	56	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-7	13/01/2020	234534	Normal	<3	<25	-	7	<0.4	17	32	14	<0.1	19	55	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-8	13/01/2020	234534	Normal	<3	<25	-	7	<0.4	12	32	14	<0.1	15	56	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
K13SP-9	13/01/2020	234534	Normal	<3	<25	-	8	<0.4	15	33	14	<0.1	18	56	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
MS-1	12/11/2018	205451	Normal	<1	<25	-	<4	<0.4	7	2	8	<0.1	6	15	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
MS-2	12/11/2018	205451	Normal	<1	<25	-	<4	<0.4	5	2	9	<0.1	3	16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
MS-3	12/11/2018	205451	Normal	<1	<25	-	<4	<0.4	5	1	8	<0.1	3	13	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
MS-4	12/11/2018	205451	Normal	<1	<25	-	<4	<0.4	5	2	7	<0.1	3	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
N8-1	7/11/2019	230416	Normal	<3	<25	-	7	<0.4	19	16	9	<0.1	9	39	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
N8-10	7/11/2019	230416	Normal	<3	<25	-	8	<0.4	21	19	10	<0.1	10	43	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
N8-2	7/11/2019	230416	Normal	<3	<25	-	8	<0.4	23	29	13	<0.1	17	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
N8-3	7/11/2019	230416	Normal	<3	<25	-	12	<0.4	19	21	9	<0.1	12	48	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
N8-4	7/11/2019	230416	Normal	<3	<25	-	6	<0.4	21	25	11	<0.1	14	50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
N8-5	7/11/2019	230416	Normal	<3	<25	-	5	<0.4	17	12	10	<0.1	8	29	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
N8-6	7/11/2019	230416	Normal	<3	<25	-	5	<0.4	18	8	12	<0.1	6	17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
N8-7	7/11/2019	230416	Normal	<3	<25	-	8	<0.4	15	10	7	<0.1	5	23	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
N8-8	7/11/2019	230416	Normal	<3	<25	-	8	<0.4	23	20	11	<0.1	11	46	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
N8-9	7/11/2019	230416	Normal	<3	<25	-	8	<0.4	20	19	10	<0.1	11	44	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-1	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	22	23	23	<0.1	19	45	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-10	19/12/2019	233583	Normal	<3	<25	-	7	<0.4	21	22	20	<0.1	14	42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-11	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	21	18	19	<0.1	12	39	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-12	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	21	20	21	<0.1	14	40	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-13	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	21	22	21	<0.1	15	48	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-14	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	25	21	22	<0.1	14	43	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-15	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	21	22	20	<0.1	12	40	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-16	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	20	20	21	<0.1	12	41	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-17	19/12/2019	233583	Normal	<3	<25	-	7	<0.4	20	18	19	<0.1	12	38	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-18	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	21	18	19	<0.1	13	36	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-19	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	22	20	19	<0.1	12	37	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-2	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	24	24	25	<0.1	19	49	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-20	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	23	21	21	<0.1	15	40	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-3	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	24	23	24	<0.1	19	47	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-4	19/12/2019	233583	Normal	<3	<25	-	9	<0.4	21	23	26	<0.1	16	49	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-5	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	23	22	55	<0.1	16	43	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-6	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	24	22	20	<0.1	17	46	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-7	19/12/2019	233583	Normal	<3	<25	-	7	<0.4	23	22	22	<0.1	16	43	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-8	19/12/2019	233583	Normal	<3	<25	-	8	<0.4	21	20	21	<0.1	13	39	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
NIOSP-9	19/12/2019	233583	Normal	<3	<25	-	7	<0.4	22	22	21	<0.1	15	43	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
S2-M-1	3/11/2016	SE158839	Normal	<0.3	<25	-	7	<0.3	16	40	32	<0.05	28	77	-	-	-	-	-	-	-	-	-	-	-	-	-
S2-M-10	3/11/2016	SE158839	Normal	<0.3	<25	-	7	<0.3	12	31	18	<0.05	14	64	<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	-
S2-M-2	3/11/2016	SE158839	Normal	<0.3	<25	-	5	<0.3	12	37	17	<0.05	17	81	<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	-
S2-M-3	3/11/2016	SE158839	Normal	<0.3	<25	-	5	<0.3	9.8	36	16	<0.05	19	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																					
S2-M-4	3/11/2016	SE158839	Normal	<0.3	<25	-	8	<0.3	22	22	19	<0.05	11	38	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-
S2-M-5	3/11/2016	SE158839	Normal	<0.3	<25	-	4	<0.3	20	35	16	<0.05	27	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2-M-6	3/11/2016	SE158839	Normal	<0.3	<25	-	6	<0.3	21	36	16	<0.05	32	78	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-
S2-M-7	3/11/2016	SE158839	Normal	<0.3	<25	-	7	<0.3	15	32	16	<0.05	16	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2-M-8	3/11/2016	SE158839	Normal	<0.3	<25	-	8	0.3	19	29	18	<0.05	15	58	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	-
S2-M-9	3/11/2016	SE158839	Normal	<0.3	<25	-	5	<0.3	12	36	14	<0.05	15	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 1	27/06/2018	195015	Normal	<1	<25	-	4	<0.4	57	26	12	<0.1	34	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 10	27/06/2018	195015	Normal	<1	<25	-	5	<0.4	22	27	14	<0.1	16	44	<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	-
Silt 2	27/06/2018	195015	Normal	<1	<25	-	6	<0.4	13	25	13	<0.1	11	38	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
Silt 3	27/06/2018	195015	Normal	<1	<25	-	6	<0.4	14	25	15	<0.1	11	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 4	27/06/2018	195015	Normal	<1	<25	-	6	<0.4	27	22	14	<0.1	15	33	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
Silt 5	27/06/2018	195015	Normal	<1	<25	-	5	<0.4	56	20	12	<0.1	32	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 6	27/06/2018	195015	Normal	<1	<25	-	6	<0.4	19	16	13	<0.1	8	19	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
Silt 7	27/06/2018	195015	Normal	<1	<25	-	6	<0.4	32	25	14	<0.1	23	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 8	27/06/2018	195015	Normal	<1	<25	-	6	<0.4	11	33	16	<0.1	14	53	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
Silt 9	27/06/2018	195015	Normal	<1	<25	-	7	<0.4	54	21	13	<0.1	30	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA_61	11/05/2018	191470	Normal	<1	<25	-	7	<0.4	11	40	17	<0.1	19	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA_62	11/05/2018	191470	Normal	<1	<25	-	8	<0.4	12	45	18	<0.1	20	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA_63	11/05/2018	191470	Normal	<1	<25	-	6	<0.4	12	30	13	<0.1	15	49	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA_64	11/05/2018	191470	Normal	<1	<25	-	7	<0.4	11	40	17	<0.1	20	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA_65	11/05/2018	191470	Normal	<1	<25	-	7	<0.4	8	33	13	<0.1	18	53	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA_66	11/05/2018	191470	Normal	<1	<25	-	12	<0.4	9	43	17	<0.1	17	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-1	20/02/2018	185696	Normal	<1	<25	-	5	<0.4	8	38	14	<0.1	17	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-10	20/02/2018	185696	Normal	<1	<25	-	5	<0.4	12	34	17	<0.1	13	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-11	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	8	39	13	<0.1	16	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-12	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	11	36	16	<0.1	14	50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-13	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	10	37	16	<0.1	14	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-14	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	11	37	15	<0.1	14	49	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-15	20/02/2018	185696	Normal	<1	<25	-	11	<0.4	9	46	16	<0.1	19	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-16	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	18	15	9	<0.1	20	44	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
SPA-17	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	11	38	14	0.1	17	58	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-18	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	24	24	9	<0.1	36	49	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-19	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	10	39	14	<0.1	14	50	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-2	20/02/2018	185696	Normal	<1	<25	-	5	<0.4	12	34	16	<0.1	14	49	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-20	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	11	37	17	<0.1	15	52	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-21	5/03/2018	186533	Normal	<1	<25	-	5	<0.4	9	42	14	<0.1	17	55	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-22	5/03/2018	186533	Normal	<1	<25	-	10	<0.4	10	46	17	<0.1	18	60	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-23	5/03/2018	186533	Normal	<1	<25	-	4	<0.4	9	41	16	<0.1	18	57	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-24	5/03/2018	186533	Normal	<1	<25	-	5	<0.4	10	45	15	<0.1	17	58	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-25	5/03/2018	186533	Normal	<1	<25	-	<4	<0.4	9	40	12	<0.1	15	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-26	5/03/2018	186533	Normal	<1	<25	-	<4	<0.4	8	39	12	<0.1	16	53	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-27	5/03/2018	186533	Normal	<1	<25	-	5	<0.4	9	47	15	<0.1	18	65	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-28	5/03/2018	186533	Normal	<1	<25	-	5	<0.4	8	45	13	<0.1	16	55	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-29	5/03/2018	186533	Normal	<1	<25	-	<4	<0.4	9	37	14	<0.1	17	57	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-3	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	10	43	16	<0.1	19	65	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-30	5/03/2018	186533	Normal	<1	<25	-	6	<0.4	10	45	15	<0.1	18	65	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-31	26/03/2018	188266	Normal	<1	<25	-	6	<0.4	11	45	16	<0.1	19	67	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-32	26/03/2018	188266	Normal	<1	<25	-	6	<0.4	10	46	16	<0.1	19	68	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-33	26/03/2018	188266	Normal	<1	<25	-	6	<0.4	9	42	16	<0.1	17	63	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-34	26/03/2018	188266	Normal	<1	<25	-	6	<0.4	10	46	17	<0.1	19	74	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-35	26/03/2018	188266	Normal	<1	<25	-	6	<0.4	9	47	18	<0.1	20	71	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-36	26/03/2018	188266	Normal	<1	<25	-	4	<0.4	9	39	15	<0.1	16	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-37	26/03/2018	188266	Normal	<1	<25	-	4	<0.4	9	41	16	<0.1	18	67	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-38	26/03/2018	188266	Normal	<1	<25	-	6	<0.4	10	47	18	<0.1	21	79	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-39	26/03/2018	188266	Normal	<1	<25	-	6	<0.4	10	44	17	<0.1	19	66	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-4	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	9	42	15	<0.1	20	65	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-40	26/03/2018	188266	Normal	<1	<25	-	5	<0.4	11	46	17	<0.1	19	71	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-41	6/04/2018	189385	Normal	<1	<25	-	5	<0.4	10	44	18	<0.1	20	73	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-42	6/04/2018	189385	Normal	<1	<25	-	5	<0.4	10	44	18	<0.1	21	77	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPA-43	6/04/2018	189385	Normal	<1	<25	-	5	<0.4	11	42	16	<0.1	24	81	-	-	-	-	-	-	-	-	-	-	-	-	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																					
SPA-44	6/04/2018	189385	Normal	<1	<25	-	4	<0.4	9	43	17	<0.1	21	79	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-45	6/04/2018	189385	Normal	<1	<25	-	5	<0.4	10	40	17	<0.1	20	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-46	6/04/2018	189385	Normal	<1	<25	-	5	<0.4	9	45	16	<0.1	21	74	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-47	6/04/2018	189385	Normal	<1	<25	-	5	<0.4	9	41	16	<0.1	19	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-48	6/04/2018	189385	Normal	<1	<25	-	5	<0.4	10	45	18	<0.1	21	77	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-49	6/04/2018	189385	Normal	<1	<25	-	5	<0.4	9	40	16	<0.1	19	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-5	20/02/2018	185696	Normal	<1	<25	-	4	<0.4	11	37	17	<0.1	15	53	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-50	6/04/2018	189385	Normal	<1	<25	-	6	<0.4	10	43	16	<0.1	20	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-51	11/04/2018	189387	Normal	<1	<25	-	5	<0.4	10	45	17	<0.1	20	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-52	11/04/2018	189387	Normal	<1	<25	-	7	<0.4	11	46	21	<0.1	24	76	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-53	11/04/2018	189387	Normal	<1	<25	-	7	<0.4	10	45	18	<0.1	22	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-54	11/04/2018	189387	Normal	<1	<25	-	7	<0.4	10	44	17	<0.1	21	72	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-55	11/04/2018	189387	Normal	<1	<25	-	5	<0.4	10	47	19	<0.1	22	83	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-56	11/04/2018	189387	Normal	<1	<25	-	6	<0.4	8	36	14	<0.1	17	63	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-57	11/04/2018	189387	Normal	<1	<25	-	6	<0.4	10	44	18	<0.1	20	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-58	11/04/2018	189387	Normal	<1	<25	-	4	<0.4	8	36	15	<0.1	16	65	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-59	11/04/2018	189387	Normal	<1	<25	-	5	<0.4	9	43	17	<0.1	19	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-6	20/02/2018	185696	Normal	<1	<25	-	5	<0.4	12	29	17	<0.1	12	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-60	11/04/2018	189387	Normal	<1	<25	-	5	<0.4	10	40	15	<0.1	20	67	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-61	18/04/2018	189866	Normal	<1	<25	-	4	<0.4	5	26	11	<0.1	12	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-62	18/04/2018	189866	Normal	<1	<25	-	4	<0.4	9	43	16	<0.1	17	64	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-63	18/04/2018	189866	Normal	<1	<25	-	5	<0.4	11	34	16	<0.1	19	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-64	18/04/2018	189866	Normal	<1	<25	-	6	<0.4	11	29	15	<0.1	15	45	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-65	18/04/2018	189866	Normal	<1	<25	-	4	<0.4	10	25	15	<0.1	10	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-66	18/04/2018	189866	Normal	<1	<25	-	5	<0.4	9	33	15	<0.1	17	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-67	18/04/2018	189866	Normal	<1	<25	-	12	<0.4	20	29	13	<0.1	13	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-68	18/04/2018	189866	Normal	<1	<25	-	13	<0.4	19	30	12	<0.1	12	47	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-69	18/04/2018	189866	Normal	<1	<25	-	8	<0.4	12	36	16	<0.1	17	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-7	20/02/2018	185696	Normal	<1	<25	-	4	<0.4	10	43	17	<0.1	20	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
SPA-70	18/04/2018	189866	Normal	<1	<25	-	12	<0.4	19	27	13	<0.1	11	44	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
SPA-8	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	9	38	15	<0.1	13	50	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-9	20/02/2018	185696	Normal	<1	<25	-	5	<0.4	12	36	18	<0.1	15	50	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB_51	13/04/2018	189484	Normal	<1	<25	-	<4	<0.4	13	19	12	<0.1	4	30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB_52	13/04/2018	189484	Normal	<1	<25	-	4	<0.4	10	22	11	<0.1	12	38	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_53	13/04/2018	189484	Normal	<1	<25	-	7	<0.4	13	26	14	<0.1	14	43	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB_54	13/04/2018	189484	Normal	<1	<25	-	6	<0.4	12	27	12	<0.1	13	52	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_55	13/04/2018	189484	Normal	<1	<25	-	6	<0.4	12	28	14	<0.1	12	47	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB_56	13/04/2018	189484	Normal	<1	<25	-	<4	<0.4	7	23	11	<0.1	12	47	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_57	13/04/2018	189484	Normal	<1	<25	-	5	<0.4	12	26	21	<0.1	12	36	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB_58	13/04/2018	189484	Normal	<1	<25	-	7	<0.4	14	23	15	<0.1	11	37	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_59	13/04/2018	189484	Normal	<1	<25	-	6	<0.4	12	34	16	<0.1	15	55	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB_60	13/04/2018	189484	Normal	<1	<25	-	6	<0.4	12	29	14	<0.1	12	46	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_71	11/05/2018	191470	Normal	<1	<25	-	<4	<0.4	6	18	10	<0.1	8	26	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB_72	11/05/2018	191470	Normal	<1	<25	-	6	<0.4	14	31	16	<0.1	14	49	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_73	11/05/2018	191470	Normal	<1	<25	-	<4	<0.4	7	27	12	<0.1	7	33	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB_74	11/05/2018	191470	Normal	<1	<25	-	10	<0.4	7	25	13	<0.1	7	32	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_75	11/05/2018	191470	Normal	<1	<25	-	6	<0.4	11	26	14	<0.1	8	33	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB_76	11/05/2018	191470	Normal	<1	<25	-	6	<0.4	11	43	18	<0.1	18	64	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-1	20/02/2018	185696	Normal	<1	<25	-	5	<0.4	13	36	14	<0.1	12	56	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-10	20/02/2018	185696	Normal	<1	<25	-	8	<0.4	20	24	16	<0.1	20	45	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-11	21/02/2018	185762	Normal	<1	<25	-	11	<0.4	18	27	14	<0.1	18	48	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-12	21/02/2018	185762	Normal	<1	<25	-	7	<0.4	12	41	16	<0.1	10	48	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-13	21/02/2018	185762	Normal	<1	<25	-	<4	<0.4	12	45	13	<0.1	15	65	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-14	21/02/2018	185762	Normal	<1	<25	-	5	<0.4	11	24	14	<0.1	7	26	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-15	21/02/2018	185762	Normal	<1	<25	-	6	<0.4	11	22	10	<0.1	6	29	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-16	21/02/2018	185762	Normal	<1	<25	-	14	<0.4	14	33	15	<0.1	13	47	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-17	21/02/2018	185762	Normal	<1	<25	-	10	<0.4	18	42	21	<0.1	17	86	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-18	21/02/2018	185762	Normal	<1	<25	-	<4	<0.4	9	31	22	<0.1	9	41	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-19	21/02/2018	185762	Normal	<1	<25	-	8	<0.4	13	37	14	<0.1	15	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-2	20/02/2018	185696	Normal	<1	<25	-	4	<0.4	9	32	12	<0.1	9	47	-	-	-	-	-	-	-	-	-	-	-	-	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
SPB-20	21/02/2018	185762	Normal	<1	<25	-	11	<0.4	16	23	12	<0.1	9	39	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-21	28/02/2018	186263	Normal	<1	<25	-	<4	<0.4	12	43	18	<0.1	21	71	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-22	28/02/2018	186263	Normal	<1	<25	-	4	<0.4	13	36	15	<0.1	21	60	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-23	28/02/2018	186263	Normal	<1	<25	-	4	<0.4	12	31	14	<0.1	20	58	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-24	28/02/2018	186263	Normal	<1	<25	-	5	<0.4	11	34	16	<0.1	16	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-25	28/02/2018	186263	Normal	<1	<25	-	<4	<0.4	16	17	10	<0.1	23	56	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-26	28/02/2018	186263	Normal	<1	<25	-	5	<0.4	15	42	22	<0.1	19	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-27	28/02/2018	186263	Normal	<1	<25	-	<4	<0.4	13	21	10	<0.1	19	45	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-28	28/02/2018	186263	Normal	<1	<25	-	<4	<0.4	17	21	11	<0.1	31	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-29	28/02/2018	186263	Normal	<1	<25	-	5	<0.4	12	43	19	<0.1	20	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-3	20/02/2018	185696	Normal	<1	<25	-	5	<0.4	12	34	12	<0.1	11	52	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-30	28/02/2018	186263	Normal	<1	<25	-	4	<0.4	12	40	16	<0.1	18	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-31	7/03/2018	186885	Normal	<1	<25	-	7	<0.4	18	27	14	<0.1	13	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-31	15/03/2018	187431	Normal	<1	<25	-	8	<0.4	13	28	12	<0.1	12	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-32	7/03/2018	186885	Normal	<1	<25	-	7	<0.4	16	27	14	<0.1	13	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-32	15/03/2018	187431	Normal	<1	<25	-	14	<0.4	13	55	12	<0.1	21	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-33	7/03/2018	186885	Normal	<1	<25	-	7	<0.4	12	35	16	<0.1	19	64	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-33	15/03/2018	187431	Normal	<1	<25	-	<4	<0.4	9	22	13	<0.1	7	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-34	7/03/2018	186885	Normal	<1	<25	-	8	<0.4	13	36	15	<0.1	16	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-34	15/03/2018	187431	Normal	<1	<25	-	4	<0.4	10	27	13	<0.1	12	40	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-35	7/03/2018	186885	Normal	<1	<25	-	6	<0.4	14	31	15	<0.1	15	55	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-35	15/03/2018	187431	Normal	<1	<25	-	8	<0.4	14	30	16	<0.1	11	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-36	7/03/2018	186885	Normal	<1	<25	-	8	<0.4	14	34	16	<0.1	17	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-36	15/03/2018	187431	Normal	<1	<25	-	6	<0.4	14	31	12	<0.1	12	48	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-37	7/03/2018	186885	Normal	<1	<25	-	6	<0.4	16	19	13	<0.1	8	30	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-37	15/03/2018	187431	Normal	<1	<25	-	6	<0.4	13	32	13	<0.1	12	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-38	7/03/2018	186885	Normal	<1	<25	-	6	<0.4	13	32	15	<0.1	15	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-38	15/03/2018	187431	Normal	<1	<25	-	5	<0.4	11	32	12	<0.1	17	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-39	7/03/2018	186885	Normal	<1	<25	-	6	<0.4	13	35	13	<0.1	17	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-39	15/03/2018	187431	Normal	<1	<25	-	5	<0.4	11	38	12	<0.1	15	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																					
SPB-4	20/02/2018	185696	Normal	<1	<25	-	4	<0.4	13	31	12	<0.1	11	46	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-40	7/03/2018	186885	Normal	<1	<25	-	6	<0.4	12	34	14	<0.1	16	56	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-40	15/03/2018	187431	Normal	<1	<25	-	4	<0.4	10	30	12	<0.1	16	54	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-41	28/03/2018	188434	Normal	<1	<25	-	9	<0.4	16	33	16	<0.1	17	57	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-42	28/03/2018	188434	Normal	<1	<25	-	11	<0.4	13	33	15	<0.1	18	63	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-43	28/03/2018	188434	Normal	<1	<25	-	12	<0.4	14	31	15	<0.1	15	70	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-44	28/03/2018	188434	Normal	<1	<25	-	7	<0.4	15	32	16	<0.1	16	86	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-45	28/03/2018	188434	Normal	<1	<25	-	8	<0.4	14	34	16	<0.1	15	58	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-46	28/03/2018	188434	Normal	<1	<25	-	8	<0.4	15	35	16	<0.1	16	74	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-47	28/03/2018	188434	Normal	<1	<25	-	9	<0.4	16	31	14	<0.1	14	56	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-48	28/03/2018	188434	Normal	<1	<25	-	10	<0.4	16	32	16	<0.1	15	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-49	28/03/2018	188434	Normal	<1	<25	-	11	<0.4	15	34	14	<0.1	15	89	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-5	20/02/2018	185696	Normal	<1	<25	-	5	<0.4	13	35	14	<0.1	14	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-50	28/03/2018	188434	Normal	<1	<25	-	8	<0.4	14	31	15	<0.1	15	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-6	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	11	27	13	<0.1	9	41	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-61	2/05/2018	190639	Normal	<1	<25	-	4	<0.4	9	44	16	<0.1	20	65	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-62	2/05/2018	190639	Normal	<1	<25	-	6	<0.4	8	43	16	<0.1	17	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-63	2/05/2018	190639	Normal	<1	<25	-	6	<0.4	9	46	18	<0.1	20	71	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-64	2/05/2018	190639	Normal	<1	<25	-	8	<0.4	12	42	15	<0.1	20	67	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-65	2/05/2018	190639	Normal	<1	<25	-	5	<0.4	9	48	19	<0.1	20	67	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-66	2/05/2018	190639	Normal	<1	<25	-	5	<0.4	10	44	17	<0.1	20	71	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-67	2/05/2018	190639	Normal	<1	<25	-	4	<0.4	11	52	18	<0.1	21	76	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-68	2/05/2018	190639	Normal	<1	<25	-	11	<0.4	12	39	18	<0.1	21	76	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-69	2/05/2018	190639	Normal	<1	<25	-	12	<0.4	14	35	12	<0.1	24	73	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-7	20/02/2018	185696	Normal	<1	<25	-	11	<0.4	22	25	15	<0.1	27	52	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-70	2/05/2018	190639	Normal	<1	<25	-	7	<0.4	9	38	15	<0.1	18	63	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPB-8	20/02/2018	185696	Normal	<1	<25	-	<4	<0.4	11	37	18	<0.1	12	52	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-9	20/02/2018	185696	Normal	<1	<25	-	8	<0.4	20	21	17	<0.1	17	37	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPC-1	7/03/2018	186885	Normal	<1	<25	-	6	<0.4	12	37	13	<0.1	11	45	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-10	7/03/2018	186885	Normal	<1	<25	-	7	<0.4	14	23	17	<0.1	9	33	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																					
SPC-11	14/03/2018	187247	Normal	<1	<25	-	4	<0.4	6	25	12	<0.1	8	39	-	-	-	-	-	-	-	-	-	-	-	-
SPC-12	14/03/2018	187247	Normal	<1	<25	-	5	<0.4	14	22	12	<0.1	6	23	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPC-13	14/03/2018	187247	Normal	<1	<25	-	5	<0.4	13	16	11	<0.1	6	24	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-14	14/03/2018	187247	Normal	<1	<25	-	<4	<0.4	7	30	9	<0.1	11	46	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPC-15	14/03/2018	187247	Normal	<1	<25	-	8	<0.4	5	22	11	<0.1	8	40	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-16	14/03/2018	187247	Normal	<1	<25	-	7	<0.4	16	15	12	<0.1	6	23	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPC-17	14/03/2018	187247	Normal	<1	<25	-	<4	<0.4	11	38	12	<0.1	12	53	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-18	14/03/2018	187247	Normal	<1	<25	-	5	<0.4	12	22	12	<0.1	8	29	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPC-19	14/03/2018	187247	Normal	<1	<25	-	11	<0.4	9	29	10	<0.1	9	40	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-2	7/03/2018	186885	Normal	<1	<25	-	6	<0.4	14	26	13	<0.1	9	41	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPC-20	14/03/2018	187247	Normal	<1	<25	-	8	<0.4	14	22	14	<0.1	25	79	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPC-3	7/03/2018	186885	Normal	<1	<25	-	8	<0.4	19	23	15	<0.1	7	28	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-4	7/03/2018	186885	Normal	<1	<25	-	7	<0.4	17	20	15	<0.1	7	27	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPC-5	7/03/2018	186885	Normal	<1	<25	-	9	<0.4	18	20	13	<0.1	7	25	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-6	7/03/2018	186885	Normal	<1	<25	-	7	<0.4	16	23	14	<0.1	17	32	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPC-7	7/03/2018	186885	Normal	<1	<25	-	7	<0.4	17	17	13	<0.1	6	23	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-8	7/03/2018	186885	Normal	<1	<25	-	9	<0.4	17	18	14	<0.1	6	23	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
SPC-9	7/03/2018	186885	Normal	<1	<25	-	8	<0.4	18	23	19	<0.1	9	33	-	-	-	-	-	-	-	-	-	-	-	-	-
STG 2 Silt 1	15/01/2018	183340	Normal	<1	<25	-	22	<0.4	25	38	18	<0.1	40	100	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
STG 2 Silt 2	15/01/2018	183340	Normal	<1	<25	-	23	<0.4	20	35	14	<0.1	32	79	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
STG 2 Silt 3	15/01/2018	183340	Normal	<1	<25	-	22	<0.4	20	32	11	<0.1	13	51	-	-	-	-	-	-	-	-	-	-	-	-	-
STG 2 Silt 4	15/01/2018	183340	Normal	<1	<25	-	19	<0.4	19	28	10	<0.1	9	42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
STG 2 Silt 5	15/01/2018	183340	Normal	<1	<25	-	16	<0.4	18	28	12	<0.1	11	51	-	-	-	-	-	-	-	-	-	-	-	-	-
STG 2 Silt 6	15/01/2018	183340	Normal	<1	<25	-	8	<0.4	18	23	16	<0.1	13	41	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
TS-1	13/11/2019	230803	Normal	<3	<25	-	6	<0.4	29	28	17	<0.1	23	66	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
TS-10	13/11/2019	230803	Normal	<3	<25	-	7	<0.4	31	29	19	<0.1	25	72	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
TS-11	13/11/2019	230803	Normal	<3	<25	-	7	<0.4	27	28	16	<0.1	23	59	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
TS-12	13/11/2019	230803	Normal	<3	<25	-	6	<0.4	27	30	18	<0.1	22	69	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
TS-13	13/11/2019	230803	Normal	<3	<25	-	6	<0.4	26	28	18	<0.1	22	66	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-
TS-14	13/11/2019	230803	Normal	<3	<25	-	6	<0.4	31	28	19	<0.1	24	65	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	-

			Asbestos	Metals								PCBs												
	Total +ve Xylenes	vTPH C6 - C10 less BTEX (F1)	Asbestos fibres	Arsenic	Cadmium	Chromium	Copper	Lead	Mercury	Nickel	Zinc	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Arochlor 1262	PCBs (Sum of total)	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin
	mg/kg	mg/kg	-	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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	0.3	10		1	0.3	0.3	0.5	1	0.05	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind	**81000**																							
NEPM (1999) EIL - Commercial/Industrial				**160**		**680**	**290**	**1800**		**300**	**690**													
NEPM (1999) ESL - Commercial/Industrial (fine)	**95**																							
NEPM (1999) HIL D - Commercial/Industrial				**3000**	**900**		**240000**	**1500**	**730**	**6000**	**400000**									**7**				**45**
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m	**NL**																							
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+	**NL**																							
NEPM (1999) Management Limits - Commercial/Industrial (fine)																								

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
TS-15	13/11/2019	230803	Normal	<3	<25	-	7	<0.4	28	31	22	<0.1	23	130	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-16	13/11/2019	230803	Normal	<3	<25	-	7	<0.4	29	29	30	<0.1	22	72	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-17	13/11/2019	230803	Normal	<3	<25	-	6	<0.4	23	32	73	<0.1	25	83	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-18	13/11/2019	230803	Normal	<3	<25	-	6	<0.4	30	30	21	<0.1	24	110	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-19	13/11/2019	230803	Normal	<3	<25	-	6	<0.4	31	25	18	<0.1	24	62	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-2	13/11/2019	230803	Normal	<3	<25	-	6	<0.4	26	29	19	<0.1	21	70	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-20	13/11/2019	230803	Normal	<3	<25	-	6	<0.4	24	30	18	<0.1	21	75	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-3	13/11/2019	230803	Normal	<3	<25	-	7	<0.4	28	29	19	<0.1	22	65	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-4	13/11/2019	230803	Normal	<3	<25	-	7	<0.4	25	32	38	<0.1	21	82	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-5	13/11/2019	230803	Normal	<3	<25	-	6	<0.4	27	30	19	<0.1	21	81	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-6	13/11/2019	230803	Normal	<3	<25	-	7	<0.4	26	27	19	<0.1	21	61	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-7	13/11/2019	230803	Normal	<3	<25	-	7	<0.4	26	33	21	<0.1	21	150	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-8	13/11/2019	230803	Normal	<3	<25	-	7	<0.4	28	26	18	<0.1	21	64	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
TS-9	13/11/2019	230803	Normal	<3	<25	-	7	<0.4	24	30	20	<0.1	22	95	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-

Statistical Summary

Number of Results	435	435	0	435	435	435	435	435	435	435	435	289	289	289	289	289	289	289	5	299	299	299	299	10
Number of Detects	0	0	0	393	6	435	435	435	4	435	435	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.3	<10	99999	<4	<0.3	5	1	7	<0.05	2	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	<0.05	<0.05	<0.05	<0.05
Minimum Detect	ND	ND	ND	4	0.3	5	1	7	0.1	2	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<3	<25	0	23	1	57	58	73	0.1	40	600	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<1	<0.1	<0.1	<0.1	<0.05
Maximum Detect	ND	ND	ND	23	1	57	58	73	0.1	40	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.85	12		7.2	0.21	15	33	15	0.05	17	58	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.1	0.058	0.049	0.049	0.049	0.025
Median Concentration	0.5	12.5		7	0.2	13	33	15	0.05	17	58	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.025
Standard Deviation	0.5	1.1		3.5	0.072	6.3	9.3	5	0.0061	5.8	33	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0	0.058	0.0045	0.0045	0.0045	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

																								Pesticides		
					Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																											
NEPM (1999) EIL - Commercial/Industrial																		640									
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HIL D - Commercial/Industrial									530					2000					3600					2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																								
010-1	15/01/2020	234645	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	-	<0.1	<0.1
010-10	15/01/2020	234645	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	-	<0.1	<0.1
010-2	15/01/2020	234645	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	-	<0.1	<0.1
010-3	15/01/2020	234645	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	-	<0.1	<0.1
010-4	15/01/2020	234645	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	-	<0.1	<0.1
010-5	15/01/2020	234645	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	-	<0.1	<0.1
010-6	15/01/2020	234645	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	-	<0.1	<0.1
010-7	15/01/2020	234645	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	-	<0.1	<0.1
010-8	15/01/2020	234645	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	-	<0.1	<0.1
010-9	15/01/2020	234645	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	-	<0.1	<0.1
BS-1	13/11/2018	205601	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	-	<0.1	<0.1
BS2	29/10/2019	229506	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	-	<0.1	<0.1
BS3	29/10/2019	229506	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	-	<0.1	<0.1
BS4	29/10/2019	229506	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	-	<0.1	<0.1
BS5	29/10/2019	229506	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	-	<0.1	<0.1
D4SP_10	17/03/2020	239089	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	-	<0.1	<0.1
D4SP_6	17/03/2020	239089	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	-	<0.1	<0.1
D4SP_7	17/03/2020	239089	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	-	<0.1	<0.1
D4SP_8	17/03/2020	239089	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	-	<0.1	<0.1
D4SP_9	17/03/2020	239089	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	-	<0.1	<0.1
D4SP-1	26/02/2020	237701	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	-	<0.1	<0.1
D4SP-11	8/04/2020	240580	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	-	<0.1	<0.1
D4SP-12	8/04/2020	240580	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	-	<0.1	<0.1
D4SP-13	8/04/2020	240580	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	-	<0.1	<0.1
D4SP-14	8/04/2020	240580	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	-	<0.1	<0.1
D4SP-15	8/04/2020	240580	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	-	<0.1	<0.1
D4SP-2	26/02/2020	237701	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	-	<0.1	<0.1
D4SP-3	26/02/2020	237701	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	-	<0.1	<0.1
D4SP-4	26/02/2020	237701	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	-	<0.1	<0.1
D4SP-5	26/02/2020	237701	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	-	<0.1	<0.1
D6SP-1	4/05/2020	242242	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	-	<0.1	<0.1

																						Pesticides			
					Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																											
NEPM (1999) EIL - Commercial/Industrial																		640									
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HIL D - Commercial/Industrial									530					2000					3600					2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																								
D6SP-2	4/05/2020	242242	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	-	<0.1	<0.1
D6SP-3	4/05/2020	242242	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	-	<0.1	<0.1
D6SP-4	4/05/2020	242242	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	-	<0.1	<0.1
D6SP-5	4/05/2020	242242	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	-	<0.1	<0.1
D6SP-6	4/05/2020	242242	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	-	<0.1	<0.1
D6SP-7	4/05/2020	242242	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	-	<0.1	<0.1
D6SP-8	4/05/2020	242242	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	-	<0.1	<0.1
Dam 5 - 21	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 22	10/07/2018	195990	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	-	<0.1	<0.1
Dam 5 - 23	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 24	10/07/2018	195990	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	-	<0.1	<0.1
Dam 5 - 25	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 26	10/07/2018	195990	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	-	<0.1	<0.1
Dam 5 - 27	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 28	10/07/2018	195990	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	-	<0.1	<0.1
Dam 5 - 29	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 30	10/07/2018	195990	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	-	<0.1	<0.1
Dam 5- 1	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 10	5/07/2018	195721	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	-	<0.1	<0.1
Dam 5- 11	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 12	9/07/2018	195898	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	-	<0.1	<0.1
Dam 5- 13	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 14	9/07/2018	195898	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	-	<0.1	<0.1
Dam 5- 15	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 16	9/07/2018	195898	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	-	<0.1	<0.1
Dam 5- 17	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 18	9/07/2018	195898	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	-	<0.1	<0.1
Dam 5- 19	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 2	5/07/2018	195721	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	-	<0.1	<0.1
Dam 5- 20	9/07/2018	195898	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	-	<0.1	<0.1

																									Pesticides
			Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial																640									
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial							530					2000					3600						2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																						
Dam 5- 3	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 4	5/07/2018	195721	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	-	<0.1	<0.1
Dam 5- 5	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 6	5/07/2018	195721	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	-	<0.1	<0.1
Dam 5- 7	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 8	5/07/2018	195721	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	-	<0.1	<0.1
Dam 5- 9	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-1	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-10	16/04/2018	189620	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	-	<0.1	<0.1
DAM5-11	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-12	16/04/2018	189620	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	-	<0.1	<0.1
DAM5-13	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-14	16/04/2018	189620	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	-	<0.1	<0.1
DAM5-15	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-2	16/04/2018	189620	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	-	<0.1	<0.1
DAM5-3	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-4	16/04/2018	189620	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	-	<0.1	<0.1
DAM5-5	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-6	16/04/2018	189620	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	-	<0.1	<0.1
DAM5-7	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-8	16/04/2018	189620	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	-	<0.1	<0.1
DAM5-9	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GASP-1	17/06/2019	219831	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	-	<0.1	<0.1
GASP-10	17/06/2019	219831	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	-	<0.1	<0.1
GASP-2	17/06/2019	219831	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	-	<0.1	<0.1
GASP-3	17/06/2019	219831	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	-	<0.1	<0.1
GASP-4	17/06/2019	219831	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	-	<0.1	<0.1
GASP-5	17/06/2019	219831	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	-	<0.1	<0.1
GASP-6	17/06/2019	219831	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	-	<0.1	<0.1
GASP-7	17/06/2019	219831	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	-	<0.1	<0.1

																							Pesticides		
				Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																	640									
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial								530					2000					3600						2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																							
GASP-8	17/06/2019	219831	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	-	<0.1	<0.1
GASP-9	17/06/2019	219831	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	-	<0.1	<0.1
I8SP-1	8/08/2019	223566	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	-	<0.1	<0.1
I8SP-10	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-11	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-12	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-13	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-14	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-15	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-16	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-17	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-18	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-19	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-2	8/08/2019	223566	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	-	<0.1	<0.1
I8SP-20	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-3	8/08/2019	223566	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	-	<0.1	<0.1
I8SP-4	8/08/2019	223566	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	-	<0.1	<0.1
I8SP-5	8/08/2019	223566	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	-	<0.1	<0.1
I8SP-6	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-7	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-8	29/11/2019	231951	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	-	<0.1	<0.1
I8SP-9	29/11/2019	231951	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	-	<0.1	<0.1
J/8 - 1	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/8 - 10	6/09/2018	200372	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	-	<0.1	<0.1
J/8 - 2	6/09/2018	200372	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	-	<0.1	<0.1
J/8 - 3	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/8 - 4	6/09/2018	200372	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	-	<0.1	<0.1
J/8 - 5	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/8 - 6	6/09/2018	200372	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	-	<0.1	<0.1
J/8 - 7	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

																									Pesticides
			Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial																640									
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial							530					2000					3600						2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
J/8 - 8	6/09/2018	200372	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	-	<0.1	<0.1
J/8 - 9	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K13SP-1	13/01/2020	234534	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	-	<0.1	<0.1
K13SP-10	13/01/2020	234534	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	-	<0.1	<0.1
K13SP-11	30/01/2020	235661	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	-	<0.1	<0.1
K13SP-12	30/01/2020	235661	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	-	<0.1	<0.1
K13SP-13	30/01/2020	235661	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	-	<0.1	<0.1
K13SP-14	30/01/2020	235661	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	-	<0.1	<0.1
K13SP-15	30/01/2020	235661	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	-	<0.1	<0.1
K13SP-16	30/01/2020	235661	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	-	<0.1	<0.1
K13SP-17	30/01/2020	235661	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	-	<0.1	<0.1
K13SP-18	30/01/2020	235661	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	-	<0.1	<0.1
K13SP-19	30/01/2020	235661	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	-	<0.1	<0.1
K13SP-2	13/01/2020	234534	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	-	<0.1	<0.1
K13SP-20	30/01/2020	235661	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	-	<0.1	<0.1
K13SP-21	26/02/2020	237702	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	-	<0.1	<0.1
K13SP-22	26/02/2020	237702	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	-	<0.1	<0.1
K13SP-23	26/02/2020	237702	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	-	<0.1	<0.1
K13SP-24	26/02/2020	237702	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	-	<0.1	<0.1
K13SP-25	26/02/2020	237702	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	-	<0.1	<0.1
K13SP-26	26/02/2020	237702	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	-	<0.1	<0.1
K13SP-27	26/02/2020	237702	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	-	<0.1	<0.1
K13SP-28	26/02/2020	237702	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	-	<0.1	<0.1
K13SP-29	26/02/2020	237702	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	-	<0.1	<0.1
K13SP-3	13/01/2020	234534	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	-	<0.1	<0.1
K13SP-30	26/02/2020	237702	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	-	<0.1	<0.1
K13SP-31	20/05/2020	243333	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	-	<0.1	<0.1
K13SP-32	20/05/2020	243333	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	-	<0.1	<0.1
K13SP-33	20/05/2020	243333	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	-	<0.1	<0.1
K13SP-34	20/05/2020	243333	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	-	<0.1	<0.1

																									Pesticides
		Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL		0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial															640										
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial						530					2000					3600						2000			
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																						
K13SP-35	20/05/2020	243333	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	-	<0.1	<0.1
K13SP-36	20/05/2020	243333	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	-	<0.1	<0.1
K13SP-37	20/05/2020	243333	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	-	<0.1	<0.1
K13SP-38	20/05/2020	243333	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	-	<0.1	<0.1
K13SP-39	20/05/2020	243333	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	-	<0.1	<0.1
K13SP-4	13/01/2020	234534	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	-	<0.1	<0.1
K13SP-40	20/05/2020	243333	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	-	<0.1	<0.1
K13SP-41	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-42	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-43	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-44	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-45	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-46	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-47	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-48	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-49	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-5	13/01/2020	234534	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	-	<0.1	<0.1
K13SP-50	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
K13SP-6	13/01/2020	234534	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	-	<0.1	<0.1
K13SP-7	13/01/2020	234534	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	-	<0.1	<0.1
K13SP-8	13/01/2020	234534	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	-	<0.1	<0.1
K13SP-9	13/01/2020	234534	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	-	<0.1	<0.1
MS-1	12/11/2018	205451	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	-	<0.1	<0.1
MS-2	12/11/2018	205451	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	-	<0.1	<0.1
MS-3	12/11/2018	205451	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	-	<0.1	<0.1
MS-4	12/11/2018	205451	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	-	<0.1	<0.1
N8-1	7/11/2019	230416	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	-	<0.1	<0.1
N8-10	7/11/2019	230416	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	-	<0.1	<0.1
N8-2	7/11/2019	230416	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	-	<0.1	<0.1
N8-3	7/11/2019	230416	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	-	<0.1	<0.1

																							Pesticides		
			Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial																640									
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial							530					2000					3600						2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																						
N8-4	7/11/2019	230416	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	-	<0.1	<0.1
N8-5	7/11/2019	230416	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	-	<0.1	<0.1
N8-6	7/11/2019	230416	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	-	<0.1	<0.1
N8-7	7/11/2019	230416	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	-	<0.1	<0.1
N8-8	7/11/2019	230416	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	-	<0.1	<0.1
N8-9	7/11/2019	230416	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	-	<0.1	<0.1
NIOSP-1	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-10	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-11	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-12	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-13	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-14	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-15	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-16	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-17	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-18	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-19	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-2	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-20	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-3	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-4	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-5	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-6	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-7	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-8	19/12/2019	233583	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	-	<0.1	<0.1
NIOSP-9	19/12/2019	233583	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	-	<0.1	<0.1
S2-M-1	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2-M-10	3/11/2016	SE158839	Normal	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2
S2-M-2	3/11/2016	SE158839	Normal	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2
S2-M-3	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

																						Pesticides			
					Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																											
NEPM (1999) EIL - Commercial/Industrial																		640									
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HIL D - Commercial/Industrial									530					2000					3600					2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																								
S2-M-4	3/11/2016	SE158839	Normal	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2
S2-M-5	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2-M-6	3/11/2016	SE158839	Normal	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2
S2-M-7	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2-M-8	3/11/2016	SE158839	Normal	<0.2	<0.1	<0.2	-	-	<0.1	<0.1	-	-	<0.2	-	<0.1	<0.1	<0.1	-	-	<0.5	<0.5	<0.2	<0.5	-	<0.2	<0.2
S2-M-9	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 1	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 10	27/06/2018	195015	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	<0.1	-	<0.1	<0.1
Silt 2	27/06/2018	195015	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	<0.1	-	<0.1	<0.1
Silt 3	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 4	27/06/2018	195015	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	<0.1	-	<0.1	<0.1
Silt 5	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 6	27/06/2018	195015	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	<0.1	-	<0.1	<0.1
Silt 7	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 8	27/06/2018	195015	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	<0.1	-	<0.1	<0.1
Silt 9	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA_61	11/05/2018	191470	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	<0.1	-	<0.1	<0.1
SPA_62	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA_63	11/05/2018	191470	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	<0.1	-	<0.1	<0.1
SPA_64	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA_65	11/05/2018	191470	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	<0.1	-	<0.1	<0.1
SPA_66	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-1	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-10	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-11	20/02/2018	185696	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	<0.1	-	<0.1	<0.1
SPA-12	20/02/2018	185696	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	<0.1	-	<0.1	<0.1
SPA-13	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-14	20/02/2018	185696	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	<0.1	-	<0.1	<0.1
SPA-15	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-16	20/02/2018	185696	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	<0.1	-	<0.1	<0.1

																								Pesticides	
			Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial																640									
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial							530					2000					3600						2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																						
SPA-17	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-18	20/02/2018	185696	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	-	<0.1	<0.1
SPA-19	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-2	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-20	20/02/2018	185696	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	-	<0.1	<0.1
SPA-21	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-22	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-23	5/03/2018	186533	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	-	<0.1	<0.1
SPA-24	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-25	5/03/2018	186533	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	-	<0.1	<0.1
SPA-26	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-27	5/03/2018	186533	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	-	<0.1	<0.1
SPA-28	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-29	5/03/2018	186533	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	-	<0.1	<0.1
SPA-3	20/02/2018	185696	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	-	<0.1	<0.1
SPA-30	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-31	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-32	26/03/2018	188266	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	-	<0.1	<0.1
SPA-33	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-34	26/03/2018	188266	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	-	<0.1	<0.1
SPA-35	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-36	26/03/2018	188266	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	-	<0.1	<0.1
SPA-37	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-38	26/03/2018	188266	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	-	<0.1	<0.1
SPA-39	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-4	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-40	26/03/2018	188266	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	-	<0.1	<0.1
SPA-41	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-42	6/04/2018	189385	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	-	<0.1	<0.1
SPA-43	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

																									Pesticides
			Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial																640									
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial							530					2000					3600						2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																						
SPA-44	6/04/2018	189385	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	-	<0.1	<0.1
SPA-45	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-46	6/04/2018	189385	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	-	<0.1	<0.1
SPA-47	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-48	6/04/2018	189385	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	-	<0.1	<0.1
SPA-49	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-5	20/02/2018	185696	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	-	<0.1	<0.1
SPA-50	6/04/2018	189385	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	-	<0.1	<0.1
SPA-51	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-52	11/04/2018	189387	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	-	<0.1	<0.1
SPA-53	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-54	11/04/2018	189387	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	-	<0.1	<0.1
SPA-55	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-56	11/04/2018	189387	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	-	<0.1	<0.1
SPA-57	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-58	11/04/2018	189387	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	-	<0.1	<0.1
SPA-59	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-6	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-60	11/04/2018	189387	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	-	<0.1	<0.1
SPA-61	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-62	18/04/2018	189866	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	-	<0.1	<0.1
SPA-63	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-64	18/04/2018	189866	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	-	<0.1	<0.1
SPA-65	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-66	18/04/2018	189866	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	-	<0.1	<0.1
SPA-67	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-68	18/04/2018	189866	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	-	<0.1	<0.1
SPA-69	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-7	20/02/2018	185696	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	-	<0.1	<0.1
SPA-70	18/04/2018	189866	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	-	<0.1	<0.1

																										Pesticides
				Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																	640									
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial								530					2000					3600						2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																							
SPA-8	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-9	20/02/2018	185696	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	-	<0.1	<0.1
SPB_51	13/04/2018	189484	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	-	<0.1	<0.1
SPB_52	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_53	13/04/2018	189484	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	-	<0.1	<0.1
SPB_54	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_55	13/04/2018	189484	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	-	<0.1	<0.1
SPB_56	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_57	13/04/2018	189484	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	-	<0.1	<0.1
SPB_58	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_59	13/04/2018	189484	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	-	<0.1	<0.1
SPB_60	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_71	11/05/2018	191470	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	-	<0.1	<0.1
SPB_72	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_73	11/05/2018	191470	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	-	<0.1	<0.1
SPB_74	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_75	11/05/2018	191470	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	-	<0.1	<0.1
SPB_76	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-1	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-10	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-11	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-12	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-13	21/02/2018	185762	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	-	<0.1	<0.1
SPB-14	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-15	21/02/2018	185762	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	-	<0.1	<0.1
SPB-16	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-17	21/02/2018	185762	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	-	<0.1	<0.1
SPB-18	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-19	21/02/2018	185762	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	-	<0.1	<0.1
SPB-2	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

																									Pesticides
			Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial																**640**									
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial							**530**					**2000**					**3600**						**2000**		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																						
SPB-20	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-21	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-22	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-23	28/02/2018	186263	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	-	<0.1	<0.1
SPB-24	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-25	28/02/2018	186263	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	-	<0.1	<0.1
SPB-26	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-27	28/02/2018	186263	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	-	<0.1	<0.1
SPB-28	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-29	28/02/2018	186263	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	-	<0.1	<0.1
SPB-3	20/02/2018	185696	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	-	<0.1	<0.1
SPB-30	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-31	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-31	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-32	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-32	15/03/2018	187431	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	-	<0.1	<0.1
SPB-33	7/03/2018	186885	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	-	<0.1	<0.1
SPB-33	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-34	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-34	15/03/2018	187431	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	-	<0.1	<0.1
SPB-35	7/03/2018	186885	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	-	<0.1	<0.1
SPB-35	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-36	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-36	15/03/2018	187431	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	-	<0.1	<0.1
SPB-37	7/03/2018	186885	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	-	<0.1	<0.1
SPB-37	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-38	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-38	15/03/2018	187431	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	-	<0.1	<0.1
SPB-39	7/03/2018	186885	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	-	<0.1	<0.1
SPB-39	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

																						Pesticides			
					Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL					0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																											
NEPM (1999) EIL - Commercial/Industrial																		640									
NEPM (1999) ESL - Commercial/Industrial (fine)																											
NEPM (1999) HIL D - Commercial/Industrial									530					2000					3600					2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																											
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																											
NEPM (1999) Management Limits - Commercial/Industrial (fine)																											
Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																								
SPB-4	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-40	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-40	15/03/2018	187431	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	-	<0.1	<0.1
SPB-41	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-42	28/03/2018	188434	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	-	<0.1	<0.1
SPB-43	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-44	28/03/2018	188434	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	-	<0.1	<0.1
SPB-45	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-46	28/03/2018	188434	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	-	<0.1	<0.1
SPB-47	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-48	28/03/2018	188434	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	-	<0.1	<0.1
SPB-49	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-5	20/02/2018	185696	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	-	<0.1	<0.1
SPB-50	28/03/2018	188434	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	-	<0.1	<0.1
SPB-6	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-61	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-62	2/05/2018	190639	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	-	<0.1	<0.1
SPB-63	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-64	2/05/2018	190639	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	-	<0.1	<0.1
SPB-65	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-66	2/05/2018	190639	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	-	<0.1	<0.1
SPB-67	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-68	2/05/2018	190639	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	-	<0.1	<0.1
SPB-69	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-7	20/02/2018	185696	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	-	<0.1	<0.1
SPB-70	2/05/2018	190639	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	-	<0.1	<0.1
SPB-8	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-9	20/02/2018	185696	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	-	<0.1	<0.1
SPC-1	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-10	7/03/2018	186885	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	-	<0.1	<0.1

																									Pesticides
			Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL			0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																									
NEPM (1999) EIL - Commercial/Industrial																640									
NEPM (1999) ESL - Commercial/Industrial (fine)																									
NEPM (1999) HIL D - Commercial/Industrial							530					2000					3600						2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																									
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																									
NEPM (1999) Management Limits - Commercial/Industrial (fine)																									
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																						
SPC-11	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-12	14/03/2018	187247	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	-	<0.1	<0.1
SPC-13	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-14	14/03/2018	187247	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	-	<0.1	<0.1
SPC-15	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-16	14/03/2018	187247	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	-	<0.1	<0.1
SPC-17	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-18	14/03/2018	187247	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	-	<0.1	<0.1
SPC-19	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-2	7/03/2018	186885	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	-	<0.1	<0.1
SPC-20	14/03/2018	187247	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	-	<0.1	<0.1
SPC-3	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-4	7/03/2018	186885	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	-	<0.1	<0.1
SPC-5	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-6	7/03/2018	186885	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	-	<0.1	<0.1
SPC-7	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-8	7/03/2018	186885	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	-	<0.1	<0.1
SPC-9	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STG 2 Silt 1	15/01/2018	183340	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	-	<0.1	<0.1
STG 2 Silt 2	15/01/2018	183340	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	-	<0.1	<0.1
STG 2 Silt 3	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STG 2 Silt 4	15/01/2018	183340	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	-	<0.1	<0.1
STG 2 Silt 5	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STG 2 Silt 6	15/01/2018	183340	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	-	<0.1	<0.1
TS-1	13/11/2019	230803	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	-	<0.1	<0.1
TS-10	13/11/2019	230803	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	-	<0.1	<0.1
TS-11	13/11/2019	230803	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	-	<0.1	<0.1
TS-12	13/11/2019	230803	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	-	<0.1	<0.1
TS-13	13/11/2019	230803	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	-	<0.1	<0.1
TS-14	13/11/2019	230803	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	-	<0.1	<0.1

																								Pesticides		
				Azinophos methyl	b-BHC	Bromophos-ethyl	Carbophenothion	Chlordane	Chlordane (cis)	Chlordane (gamma)	Chlordane (trans)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	d-BHC	DDD	DDT	DDT+DDE+DDD	Demeton-S-methyl	Diazinon	Dichlorvos	Dieldrin	Dimethoate	Endosulfan	Endosulfan I	Endosulfan II
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
CRC Care (2011) Direct Contact HSL D - Comm/Ind																										
NEPM (1999) EIL - Commercial/Industrial																	640									
NEPM (1999) ESL - Commercial/Industrial (fine)																										
NEPM (1999) HIL D - Commercial/Industrial								530					2000					3600						2000		
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																										
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																										
NEPM (1999) Management Limits - Commercial/Industrial (fine)																										
Field_ID	**Sampled_Date-Time**	**Lab_Report_Number**	**Sample_Type**																							
TS-15	13/11/2019	230803	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	-	<0.1	<0.1
TS-16	13/11/2019	230803	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	-	<0.1	<0.1
TS-17	13/11/2019	230803	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	-	<0.1	<0.1
TS-18	13/11/2019	230803	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	-	<0.1	<0.1
TS-19	13/11/2019	230803	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	-	<0.1	<0.1
TS-2	13/11/2019	230803	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	-	<0.1	<0.1
TS-20	13/11/2019	230803	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	-	<0.1	<0.1
TS-3	13/11/2019	230803	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	-	<0.1	<0.1
TS-4	13/11/2019	230803	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	-	<0.1	<0.1
TS-5	13/11/2019	230803	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	-	<0.1	<0.1
TS-6	13/11/2019	230803	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	-	<0.1	<0.1
TS-7	13/11/2019	230803	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	-	<0.1	<0.1
TS-8	13/11/2019	230803	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	-	<0.1	<0.1
TS-9	13/11/2019	230803	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	-	<0.1	<0.1
Statistical Summary																										
Number of Results				299	299	299	10	10	299	5	294	10	299	294	299	299	299	294	10	299	299	299	299	10	299	299
Number of Detects				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration				<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Minimum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration				<0.2	<0.1	<0.2	<0.05	<0.05	<0.1	<0.1	<0.1	<0.05	<0.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.05	<0.5	<0.5	<0.2	<0.5	<0.05	<0.2	<0.2
Maximum Detect				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration				0.05	0.049	0.05	0.025	0.025	0.049	0.05	0.049	0.025	0.05	0.049	0.049	0.049	0.052	0.049	0.025	0.053	0.053	0.05	0.053	0.025	0.05	0.05
Median Concentration				0.05	0.05	0.05	0.025	0.025	0.05	0.05	0.05	0.025	0.05	0.05	0.05	0.05	0.05	0.05	0.025	0.05	0.05	0.05	0.05	0.025	0.05	0.05
Standard Deviation				0.0079	0.0045	0.0079	0	0	0.0045	0	0.0045	0	0.0079	0.0045	0.0045	0.0045	0.009	0.0045	0	0.026	0.026	0.0079	0.026	0	0.0079	0.0079
Number of Guideline Exceedances				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
010-1	15/01/2020	234645	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	-
010-10	15/01/2020	234645	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	-
010-2	15/01/2020	234645	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	-
010-3	15/01/2020	234645	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	-
010-4	15/01/2020	234645	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	-
010-5	15/01/2020	234645	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	-
010-6	15/01/2020	234645	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	-
010-7	15/01/2020	234645	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	-
010-8	15/01/2020	234645	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	-
010-9	15/01/2020	234645	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	-
BS-1	13/11/2018	205601	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	-
BS2	29/10/2019	229506	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	-
BS3	29/10/2019	229506	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	-
BS4	29/10/2019	229506	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	-
BS5	29/10/2019	229506	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	-
D4SP_10	17/03/2020	239089	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	-
D4SP_6	17/03/2020	239089	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	-
D4SP_7	17/03/2020	239089	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	-
D4SP_8	17/03/2020	239089	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	-
D4SP_9	17/03/2020	239089	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	-
D4SP-1	26/02/2020	237701	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	-
D4SP-11	8/04/2020	240580	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	-
D4SP-12	8/04/2020	240580	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	-
D4SP-13	8/04/2020	240580	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	-
D4SP-14	8/04/2020	240580	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	-
D4SP-15	8/04/2020	240580	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	-
D4SP-2	26/02/2020	237701	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	-
D4SP-3	26/02/2020	237701	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	-
D4SP-4	26/02/2020	237701	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	-
D4SP-5	26/02/2020	237701	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	-
D6SP-1	4/05/2020	242242	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	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
D6SP-2	4/05/2020	242242	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	-
D6SP-3	4/05/2020	242242	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	-
D6SP-4	4/05/2020	242242	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	-
D6SP-5	4/05/2020	242242	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	-
D6SP-6	4/05/2020	242242	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	-
D6SP-7	4/05/2020	242242	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	-
D6SP-8	4/05/2020	242242	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	-
Dam 5 - 21	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 22	10/07/2018	195990	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	-
Dam 5 - 23	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 24	10/07/2018	195990	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	-
Dam 5 - 25	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 26	10/07/2018	195990	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	-
Dam 5 - 27	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 28	10/07/2018	195990	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	-
Dam 5 - 29	10/07/2018	195990	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5 - 30	10/07/2018	195990	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	-
Dam 5- 1	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 10	5/07/2018	195721	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	-
Dam 5- 11	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 12	9/07/2018	195898	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	-
Dam 5- 13	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 14	9/07/2018	195898	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	-
Dam 5- 15	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 16	9/07/2018	195898	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	-
Dam 5- 17	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 18	9/07/2018	195898	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	-
Dam 5- 19	9/07/2018	195898	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 2	5/07/2018	195721	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	-
Dam 5- 20	9/07/2018	195898	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	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
Dam 5- 3	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 4	5/07/2018	195721	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	-
Dam 5- 5	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 6	5/07/2018	195721	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	-
Dam 5- 7	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dam 5- 8	5/07/2018	195721	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	-
Dam 5- 9	5/07/2018	195721	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-1	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-10	16/04/2018	189620	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	-
DAM5-11	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-12	16/04/2018	189620	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	-
DAM5-13	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-14	16/04/2018	189620	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	-
DAM5-15	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-2	16/04/2018	189620	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	-
DAM5-3	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-4	16/04/2018	189620	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	-
DAM5-5	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-6	16/04/2018	189620	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	-
DAM5-7	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAM5-8	16/04/2018	189620	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	-
DAM5-9	16/04/2018	189620	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GASP-1	17/06/2019	219831	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	-
GASP-10	17/06/2019	219831	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	-
GASP-2	17/06/2019	219831	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	-
GASP-3	17/06/2019	219831	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	-
GASP-4	17/06/2019	219831	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	-
GASP-5	17/06/2019	219831	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	-
GASP-6	17/06/2019	219831	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	-
GASP-7	17/06/2019	219831	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	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
GASP-8	17/06/2019	219831	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	-
GASP-9	17/06/2019	219831	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	-
I8SP-1	8/08/2019	223566	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	-
I8SP-10	29/11/2019	231951	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	-
I8SP-11	29/11/2019	231951	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	-
I8SP-12	29/11/2019	231951	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	-
I8SP-13	29/11/2019	231951	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	-
I8SP-14	29/11/2019	231951	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	-
I8SP-15	29/11/2019	231951	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	-
I8SP-16	29/11/2019	231951	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	-
I8SP-17	29/11/2019	231951	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	-
I8SP-18	29/11/2019	231951	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	-
I8SP-19	29/11/2019	231951	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	-
I8SP-2	8/08/2019	223566	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	-
I8SP-20	29/11/2019	231951	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	-
I8SP-3	8/08/2019	223566	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	-
I8SP-4	8/08/2019	223566	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	-
I8SP-5	8/08/2019	223566	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	-
I8SP-6	29/11/2019	231951	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	-
I8SP-7	29/11/2019	231951	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	-
I8SP-8	29/11/2019	231951	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	-
I8SP-9	29/11/2019	231951	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	-
J/8 - 1	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/8 - 10	6/09/2018	200372	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	-
J/8 - 2	6/09/2018	200372	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	-
J/8 - 3	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/8 - 4	6/09/2018	200372	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	-
J/8 - 5	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J/8 - 6	6/09/2018	200372	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	-
J/8 - 7	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
J/8 - 8	6/09/2018	200372	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	-
J/8 - 9	6/09/2018	200372	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K13SP-1	13/01/2020	234534	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	-
K13SP-10	13/01/2020	234534	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	-
K13SP-11	30/01/2020	235661	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	-
K13SP-12	30/01/2020	235661	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	-
K13SP-13	30/01/2020	235661	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	-
K13SP-14	30/01/2020	235661	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	-
K13SP-15	30/01/2020	235661	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	-
K13SP-16	30/01/2020	235661	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	-
K13SP-17	30/01/2020	235661	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	-
K13SP-18	30/01/2020	235661	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	-
K13SP-19	30/01/2020	235661	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	-
K13SP-2	13/01/2020	234534	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	-
K13SP-20	30/01/2020	235661	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	-
K13SP-21	26/02/2020	237702	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	-
K13SP-22	26/02/2020	237702	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	-
K13SP-23	26/02/2020	237702	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	-
K13SP-24	26/02/2020	237702	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	-
K13SP-25	26/02/2020	237702	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	-
K13SP-26	26/02/2020	237702	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	-
K13SP-27	26/02/2020	237702	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	-
K13SP-28	26/02/2020	237702	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	-
K13SP-29	26/02/2020	237702	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	-
K13SP-3	13/01/2020	234534	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	-
K13SP-30	26/02/2020	237702	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	-
K13SP-31	20/05/2020	243333	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	-
K13SP-32	20/05/2020	243333	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	-
K13SP-33	20/05/2020	243333	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	-
K13SP-34	20/05/2020	243333	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	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
K13SP-35	20/05/2020	243333	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	-
K13SP-36	20/05/2020	243333	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	-
K13SP-37	20/05/2020	243333	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	-
K13SP-38	20/05/2020	243333	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	-
K13SP-39	20/05/2020	243333	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	-
K13SP-4	13/01/2020	234534	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	-
K13SP-40	20/05/2020	243333	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	-
K13SP-41	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
K13SP-42	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
K13SP-43	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
K13SP-44	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
K13SP-45	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
K13SP-46	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
K13SP-47	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
K13SP-48	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
K13SP-49	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
K13SP-5	13/01/2020	234534	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	-
K13SP-50	10/06/2020	ES2020056	Normal	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	-	-
K13SP-6	13/01/2020	234534	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	-
K13SP-7	13/01/2020	234534	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	-
K13SP-8	13/01/2020	234534	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	-
K13SP-9	13/01/2020	234534	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	-
MS-1	12/11/2018	205451	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	-
MS-2	12/11/2018	205451	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	-
MS-3	12/11/2018	205451	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	-
MS-4	12/11/2018	205451	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	-
N8-1	7/11/2019	230416	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	-
N8-10	7/11/2019	230416	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	-
N8-2	7/11/2019	230416	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	-
N8-3	7/11/2019	230416	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	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
N8-4	7/11/2019	230416	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	-
N8-5	7/11/2019	230416	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	-
N8-6	7/11/2019	230416	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	-
N8-7	7/11/2019	230416	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	-
N8-8	7/11/2019	230416	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	-
N8-9	7/11/2019	230416	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	-
NIOSP-1	19/12/2019	233583	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	-
NIOSP-10	19/12/2019	233583	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	-
NIOSP-11	19/12/2019	233583	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	-
NIOSP-12	19/12/2019	233583	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	-
NIOSP-13	19/12/2019	233583	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	-
NIOSP-14	19/12/2019	233583	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	-
NIOSP-15	19/12/2019	233583	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	-
NIOSP-16	19/12/2019	233583	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	-
NIOSP-17	19/12/2019	233583	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	-
NIOSP-18	19/12/2019	233583	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	-
NIOSP-19	19/12/2019	233583	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	-
NIOSP-2	19/12/2019	233583	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	-
NIOSP-20	19/12/2019	233583	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	-
NIOSP-3	19/12/2019	233583	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	-
NIOSP-4	19/12/2019	233583	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	-
NIOSP-5	19/12/2019	233583	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	-
NIOSP-6	19/12/2019	233583	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	-
NIOSP-7	19/12/2019	233583	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	-
NIOSP-8	19/12/2019	233583	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	-
NIOSP-9	19/12/2019	233583	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	-
S2-M-1	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2-M-10	3/11/2016	SE158839	Normal	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
S2-M-2	3/11/2016	SE158839	Normal	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
S2-M-3	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
S2-M-4	3/11/2016	SE158839	Normal	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
S2-M-5	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2-M-6	3/11/2016	SE158839	Normal	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
S2-M-7	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S2-M-8	3/11/2016	SE158839	Normal	<0.1	<0.2	<0.1	<0.1	<0.2	-	<0.2	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.1	-	-	<0.2	-	-	-	<0.5
S2-M-9	3/11/2016	SE158839	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 1	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 10	27/06/2018	195015	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	-
Silt 2	27/06/2018	195015	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	-
Silt 3	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 4	27/06/2018	195015	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	-
Silt 5	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 6	27/06/2018	195015	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	-
Silt 7	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silt 8	27/06/2018	195015	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	-
Silt 9	27/06/2018	195015	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA_61	11/05/2018	191470	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	-
SPA_62	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA_63	11/05/2018	191470	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	-
SPA_64	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA_65	11/05/2018	191470	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	-
SPA_66	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-1	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-10	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-11	20/02/2018	185696	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	-
SPA-12	20/02/2018	185696	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	-
SPA-13	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-14	20/02/2018	185696	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	-
SPA-15	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-16	20/02/2018	185696	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	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
SPA-17	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-18	20/02/2018	185696	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	-
SPA-19	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-2	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-20	20/02/2018	185696	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	-
SPA-21	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-22	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-23	5/03/2018	186533	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	-
SPA-24	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-25	5/03/2018	186533	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	-
SPA-26	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-27	5/03/2018	186533	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	-
SPA-28	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-29	5/03/2018	186533	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	-
SPA-3	20/02/2018	185696	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	-
SPA-30	5/03/2018	186533	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-31	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-32	26/03/2018	188266	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	-
SPA-33	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-34	26/03/2018	188266	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	-
SPA-35	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-36	26/03/2018	188266	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	-
SPA-37	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-38	26/03/2018	188266	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	-
SPA-39	26/03/2018	188266	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-4	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-40	26/03/2018	188266	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	-
SPA-41	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-42	6/04/2018	189385	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	-
SPA-43	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
SPA-44	6/04/2018	189385	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	-
SPA-45	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-46	6/04/2018	189385	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	-
SPA-47	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-48	6/04/2018	189385	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	-
SPA-49	6/04/2018	189385	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-5	20/02/2018	185696	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	-
SPA-50	6/04/2018	189385	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	-
SPA-51	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-52	11/04/2018	189387	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	-
SPA-53	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-54	11/04/2018	189387	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	-
SPA-55	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-56	11/04/2018	189387	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	-
SPA-57	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-58	11/04/2018	189387	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	-
SPA-59	11/04/2018	189387	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-6	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-60	11/04/2018	189387	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	-
SPA-61	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-62	18/04/2018	189866	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	-
SPA-63	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-64	18/04/2018	189866	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	-
SPA-65	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-66	18/04/2018	189866	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	-
SPA-67	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-68	18/04/2018	189866	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	-
SPA-69	18/04/2018	189866	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-7	20/02/2018	185696	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	-
SPA-70	18/04/2018	189866	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	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																				
SPA-8	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPA-9	20/02/2018	185696	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	-
SPB_51	13/04/2018	189484	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	-
SPB_52	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_53	13/04/2018	189484	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	-
SPB_54	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_55	13/04/2018	189484	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	-
SPB_56	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_57	13/04/2018	189484	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	-
SPB_58	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_59	13/04/2018	189484	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	-
SPB_60	13/04/2018	189484	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_71	11/05/2018	191470	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	-
SPB_72	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_73	11/05/2018	191470	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	-
SPB_74	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB_75	11/05/2018	191470	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	-
SPB_76	11/05/2018	191470	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-1	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-10	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-11	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-12	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-13	21/02/2018	185762	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	-
SPB-14	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-15	21/02/2018	185762	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	-
SPB-16	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-17	21/02/2018	185762	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	-
SPB-18	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-19	21/02/2018	185762	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	-
SPB-2	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
SPB-20	21/02/2018	185762	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-21	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-22	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-23	28/02/2018	186263	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	-
SPB-24	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-25	28/02/2018	186263	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	-
SPB-26	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-27	28/02/2018	186263	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	-
SPB-28	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-29	28/02/2018	186263	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	-
SPB-3	20/02/2018	185696	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	-
SPB-30	28/02/2018	186263	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-31	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-31	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-32	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-32	15/03/2018	187431	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	-
SPB-33	7/03/2018	186885	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	-
SPB-33	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-34	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-34	15/03/2018	187431	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	-
SPB-35	7/03/2018	186885	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	-
SPB-35	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-36	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-36	15/03/2018	187431	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	-
SPB-37	7/03/2018	186885	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	-
SPB-37	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-38	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-38	15/03/2018	187431	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	-
SPB-39	7/03/2018	186885	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	-
SPB-39	15/03/2018	187431	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
SPB-4	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-40	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-40	15/03/2018	187431	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	-
SPB-41	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-42	28/03/2018	188434	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	-
SPB-43	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-44	28/03/2018	188434	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	-
SPB-45	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-46	28/03/2018	188434	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	-
SPB-47	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-48	28/03/2018	188434	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	-
SPB-49	28/03/2018	188434	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-5	20/02/2018	185696	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	-
SPB-50	28/03/2018	188434	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	-
SPB-6	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-61	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-62	2/05/2018	190639	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	-
SPB-63	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-64	2/05/2018	190639	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	-
SPB-65	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-66	2/05/2018	190639	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	-
SPB-67	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-68	2/05/2018	190639	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	-
SPB-69	2/05/2018	190639	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-7	20/02/2018	185696	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	-
SPB-70	2/05/2018	190639	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	-
SPB-8	20/02/2018	185696	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPB-9	20/02/2018	185696	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	-
SPC-1	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-10	7/03/2018	186885	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	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
SPC-11	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-12	14/03/2018	187247	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	-
SPC-13	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-14	14/03/2018	187247	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	-
SPC-15	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-16	14/03/2018	187247	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	-
SPC-17	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-18	14/03/2018	187247	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	-
SPC-19	14/03/2018	187247	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-2	7/03/2018	186885	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	-
SPC-20	14/03/2018	187247	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	-
SPC-3	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-4	7/03/2018	186885	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	-
SPC-5	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-6	7/03/2018	186885	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	-
SPC-7	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SPC-8	7/03/2018	186885	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	-
SPC-9	7/03/2018	186885	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STG 2 Silt 1	15/01/2018	183340	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	-
STG 2 Silt 2	15/01/2018	183340	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	-
STG 2 Silt 3	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STG 2 Silt 4	15/01/2018	183340	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	-
STG 2 Silt 5	15/01/2018	183340	Normal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STG 2 Silt 6	15/01/2018	183340	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	-
TS-1	13/11/2019	230803	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	-
TS-10	13/11/2019	230803	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	-
TS-11	13/11/2019	230803	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	-
TS-12	13/11/2019	230803	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	-
TS-13	13/11/2019	230803	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	-
TS-14	13/11/2019	230803	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	-

	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Ethion	Fenamiphos	Fenitrothion	Fenthion	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Hexachlorobenzene	Malathion	Methoxychlor	Methyl parathion	Monocrotophos	Parathion	Pirimphos-ethyl	Prothiofos	Ronnel	Methidathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.2	0.2	0.1	0.05	0.05	0.1	0.5
CRC Care (2011) Direct Contact HSL D - Comm/Ind																					
NEPM (1999) EIL - Commercial/Industrial																					
NEPM (1999) ESL - Commercial/Industrial (fine)																					
NEPM (1999) HIL D - Commercial/Industrial		**100**								**50**		**80**		**2500**							
NEPM (1999) HSL D Comm/Indust - VI Clay 0 to <1 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 1 to <2 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 2 to <4 m																					
NEPM (1999) HSL D Comm/Indust - VI Clay 4 m+																					
NEPM (1999) Management Limits - Commercial/Industrial (fine)																					

Field_ID	Sampled_Date-Time	Lab_Report_Number	Sample_Type																			
TS-15	13/11/2019	230803	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	-
TS-16	13/11/2019	230803	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	-
TS-17	13/11/2019	230803	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	-
TS-18	13/11/2019	230803	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	-
TS-19	13/11/2019	230803	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	-
TS-2	13/11/2019	230803	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	-
TS-20	13/11/2019	230803	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	-
TS-3	13/11/2019	230803	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	-
TS-4	13/11/2019	230803	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	-
TS-5	13/11/2019	230803	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	-
TS-6	13/11/2019	230803	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	-
TS-7	13/11/2019	230803	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	-
TS-8	13/11/2019	230803	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	-
TS-9	13/11/2019	230803	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	-

Statistical Summary

Number of Results	299	299	299	15	299	10	289	10	299	299	299	299	299	299	10	10	299	10	10	284	5
Number of Detects	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum Concentration	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.2	<0.2	<0.1	<0.05	<0.05	<0.1	<0.5
Minimum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Maximum Concentration	<0.1	<0.2	<0.1	<0.1	<0.2	<0.05	<0.2	<0.05	<0.1	<0.1	<0.1	<0.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.05	<0.05	<0.1	<0.5
Maximum Detect	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Average Concentration	0.049	0.05	0.049	0.033	0.05	0.025	0.051	0.025	0.049	0.049	0.049	0.049	0.05	0.052	0.1	0.1	0.053	0.025	0.025	0.05	0.25
Median Concentration	0.05	0.05	0.05	0.025	0.05	0.025	0.05	0.025	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.1	0.05	0.025	0.025	0.05	0.25
Standard Deviation	0.0045	0.0079	0.0045	0.012	0.0079	0	0.0065	0	0.0045	0.0045	0.0045	0.0045	0.0079	0.009	0	0	0.011	0	0	0	0
Number of Guideline Exceedances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of Guideline Exceedances(Detects Only)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ATA Stockpile Register				Health Screening Levels Comm/Ind (w/w %)	
Sample ID	Lab Report	Sample Date	Comments	Asbestos in soil	
				0.05 % w/w	0.001% w/w
				Bonded	AF/FA
SP1	ASET65916	12/07/2018	Compliant Stockpile	nd	nd
SP1A	ASET65916	12/07/2018	Intra lab duplicate	--	nd
SP1B	196335	12/07/2018	Inter lab duplicate	--	nd
SP2	ASET65916	12/07/2018	Compliant Stockpile	nd	0.00046
SP3	ASET65916	12/07/2018	Compliant Stockpile	0.043	nd
SP4	ASET65916	12/07/2018	Compliant Stockpile	0.019	nd
SP5	ASET65916	12/07/2018	Compliant Stockpile	0.007	nd
SP6	ASET65955	16/07/2018	Compliant Stockpile	nd	nd
SP6A	ASET65955	16/07/2018	Intra lab duplicate	--	nd
SP6B	196431	16/07/2018	Inter lab duplicate	--	nd
SP7	ASET65955	16/07/2018	Compliant Stockpile	nd	nd
SP8	ASET65955	16/07/2018	Compliant Stockpile	0.004	nd
SP8A	ASET65955	16/07/2018	Intra lab duplicate	nd	nd
SP9	ASET66027	17/07/2018	Compliant Stockpile	nd	nd
SP9A	ASET66027	17/07/2018	Intra lab duplicate	--	nd
SP9B	196490	17/07/2018	Inter lab duplicate	--	nd
SP10	ASET66027	17/07/2018	Compliant Stockpile	nd	nd
SP11	ASET66027	17/07/2018	Compliant Stockpile	nd	0.00080
SP12	ASET66027	17/07/2018	Compliant Stockpile	nd	nd
SP13	ASET66084	18/07/2018	Compliant Stockpile	0.015	nd
SP13A	ASET66084	18/07/2018	Intra lab duplicate	--	nd
SP13B	196579	18/07/2018	Inter lab duplicate	nd	nd
SP14	ASET66084	18/07/2018	Compliant Stockpile	nd	nd
SP15	ASET66169	20/07/2018	Compliant Stockpile	nd	nd
SP15A	ASET66169	20/07/2018	Intra lab duplicate	nd	nd
SP16	ASET66084	18/07/2018	Compliant Stockpile	0.008	nd
SP17	ASET66084	18/07/2018	Compliant Stockpile	nd	nd
SP18	ASET66169	20/07/2018	Compliant Stockpile	nd	nd
SP19	ASET66169	20/07/2018	Compliant Stockpile	nd	nd
SP20	ASET66169	20/07/2018	Compliant Stockpile	0.008	0.00037
SP21	ASET66169	20/07/2018	Compliant Stockpile	nd	nd
SP22	ASET66169	20/07/2018	Compliant Stockpile	nd	nd
SP23	ASET66169	20/07/2018	Compliant Stockpile	nd	nd
SP24	ASET66270	25/07/2018	SP fail due to AF/FA in Duplicate sample	nd	nd
SP24A	ASET66270	25/07/2018	SP fail due to AF/FA. Removed for storage	nd	0.01234
SP24B	196957	25/07/2018	Inter lab duplicate	nd	nd
SP24-FP	ASET67863	19/09/2018	Footprint clearance/ valdiation post fail	nd	0.00037
SP24-FP-RT	ASET68159	25/09/2018	Footprint clearance/ valdiation post fail	nd	nd
SP25	ASET66270	25/07/2018	Compliant Stockpile	nd	nd
SP26	ASET66227	23/07/2018	Compliant Stockpile	nd	nd
SP27	ASET66227	23/07/2018	Compliant Stockpile	nd	0.00039
SP28	ASET66227	23/07/2018	Compliant Stockpile	nd	nd
SP29	ASET66227	23/07/2018	Compliant Stockpile	nd	nd
SP30	ASET66270	25/07/2018	Compliant Stockpile	0.010	nd
SP31	ASET66270	25/07/2018	Compliant Stockpile	0.002	nd

SP32	ASET66270	25/07/2018	Compliant Stockpile	nd	nd
SP33	ASET66332	25/07/2018	Compliant Stockpile	nd	nd
SP33A	ASET66332	25/07/2018	Intra lab duplicate	nd	nd
SP33B	197266	25/07/2018	Inter lab duplicate	--	nd
SP34	ASET66332	25/07/2018	Compliant Stockpile	--	nd
SP35	ASET66332	25/07/2018	Compliant Stockpile	nd	nd
SP36	ASET66332	25/07/2018	Compliant Stockpile	nd	nd
SP37	ASET66332	25/07/2018	Compliant Stockpile	nd	nd
SP38	ASET66332	25/07/2018	Compliant Stockpile	nd	nd
SP39	ASET66332	25/07/2018	Compliant Stockpile	nd	nd
SP40	ASET66332	25/07/2018	Compliant Stockpile	0.019	0.00062
SP41	ASET66332	25/07/2018	Compliant Stockpile	nd	nd
SP42	ASET66332	25/07/2018	Compliant Stockpile	0.012	nd
SP43	ASET66332	25/07/2018	Compliant Stockpile	nd	nd
SP44	ASET66397	27/07/2018	Compliant Stockpile	nd	nd
SP44A	ASET66397	27/07/2018	Intra lab duplicate	--	nd
SP45	ASET66397	27/07/2018	Compliant Stockpile	nd	nd
SP46	ASET66397	27/07/2018	Compliant Stockpile	nd	nd
SP47	ASET66397	27/07/2018	Compliant Stockpile	nd	nd
SP48	ASET66397	27/07/2018	Compliant Stockpile	0.000	nd
SP49	ASET66397	27/07/2018	Compliant Stockpile	nd	nd
SP50	ASET66397	27/07/2018	Compliant Stockpile	nd	nd
SP51	ASET66397	27/07/2018	Compliant Stockpile	nd	nd
SP52	ASET66397	27/07/2018	Compliant Stockpile	nd	nd
SP53	ASET66397	27/07/2018	Compliant Stockpile	nd	nd
SP54	ASET66397	27/07/2018	Compliant Stockpile	nd	nd
SP55	ASET66444	30/07/2018	Compliant Stockpile	0.001	0.00001
SP55A	ASET66444	30/07/2018	Intra lab duplicate	--	0.00001
SP56	ASET66444	30/07/2018	Compliant Stockpile	0.003	nd
SP57	ASET66444	30/07/2018	Compliant Stockpile	0.001	nd
SP58	ASET66444	30/07/2018	Compliant Stockpile	nd	nd
SP59	ASET66444	30/07/2018	Compliant Stockpile	nd	0.00004
SP60	ASET66444	30/07/2018	Compliant Stockpile	nd	nd
SP61	ASET66473	31/07/2018	Compliant Stockpile	nd	nd
SP62	ASET66473	31/07/2018	Compliant Stockpile	nd	nd
SP63	ASET66473	31/07/2018	SP fail due to ACM. SP re-picked	0.117	nd
SP63-RP	--	1/08/2018	Compliant Stockpile	nd	nd
SP64	ASET66528	1/08/2018	Compliant Stockpile	nd	nd
SP65	ASET66528	1/08/2018	Compliant Stockpile	nd	nd
SP66	ASET66528	1/08/2018	Compliant Stockpile	nd	nd
SP67	ASET66528	1/08/2018	Compliant Stockpile	0.003	nd
SP68	ASET66528	1/08/2018	SP fail due to ACM. SP re-picked	0.057	nd
SP68-R	--	7/08/2018	Compliant Stockpile	nd	nd
SP69	ASET66528	1/08/2018	Compliant Stockpile	0.010	nd
SP70	ASET66572	3/08/2018	Compliant Stockpile	nd	nd
SP71	ASET66572	3/08/2018	Compliant Stockpile	nd	nd
SP72	ASET66572	3/08/2018	Compliant Stockpile	nd	nd
SP73	ASET66650	6/08/2018	Compliant Stockpile	0.018	nd
SP74	ASET66650	6/08/2018	Compliant Stockpile	0.024	nd
SP75	ASET66650	6/08/2018	Compliant Stockpile	nd	nd
SP76	ASET66697	7/08/2018	Compliant Stockpile	nd	nd
SP77	ASET66697	7/08/2018	Compliant Stockpile	nd	nd

SP78	ASET66697	7/08/2018	Compliant Stockpile	nd	nd
SP79	ASET66697	7/08/2018	Compliant Stockpile	nd	nd
SP80	ASET66697	7/08/2018	Compliant Stockpile	nd	nd
SP81	ASET66697	7/08/2018	Compliant Stockpile	0.015	nd
SP82	ASET66697	7/08/2018	Compliant Stockpile	nd	nd
SP83	ASET66697	7/08/2018	Compliant Stockpile	nd	nd
SP84	ASET66697	7/08/2018	SP fail due to AF/FA. Removed for storage	nd	0.00125
SP84-FP	ASET67863	19/09/2018	Footprint clearance/ valdiation post fail	nd	nd
SP85	ASET66697	7/08/2018	Compliant Stockpile	0.009	nd
SP86	ASET66697	7/08/2018	Compliant Stockpile	0.014	nd
SP87	ASET66697	7/08/2018	Compliant Stockpile	nd	nd
SP88	ASET66697	7/08/2018	Compliant Stockpile	nd	nd
SP89	ASET66697	7/08/2018	Compliant Stockpile	nd	nd
SP90	ASET66738	9/08/2018	Compliant Stockpile	nd	nd
SP91	ASET66738	9/08/2018	Compliant Stockpile	nd	nd
SP92	ASET66738	9/08/2018	Compliant Stockpile	nd	nd
SP93	ASET66738	9/08/2018	Compliant Stockpile	0.019	nd
SP94	ASET66829	10/08/2018	Compliant Stockpile	nd	nd
SP95	ASET66829	10/08/2018	Compliant Stockpile	0.008	nd
SP96	ASET66829	10/08/2018	Compliant Stockpile	nd	nd
SP97	ASET66829	10/08/2018	Compliant Stockpile	nd	nd
SP98	ASET66829	10/08/2018	Compliant Stockpile	0.013	nd
SP99	ASET66829	10/08/2018	Compliant Stockpile	nd	nd
SP100	ASET66829	10/08/2018	Compliant Stockpile	nd	nd
SP101	ASET66829	10/08/2018	Compliant Stockpile	0.011	nd
SP102	ASET66829	10/08/2018	Compliant Stockpile	nd	nd
SP103	ASET66829	10/08/2018	Compliant Stockpile	0.008	nd
SP104	ASET66829	10/08/2018	Compliant Stockpile	0.009	nd
SP105	ASET66829	10/08/2018	Compliant Stockpile	nd	nd
SP106	ASET66856	13/08/2018	Compliant Stockpile	nd	nd
SP107	ASET66856	13/08/2018	Compliant Stockpile	nd	nd
SP108	ASET66856	13/08/2018	Compliant Stockpile	nd	nd
SP109	ASET66856	13/08/2018	Compliant Stockpile	0.004	nd
SP110	ASET66856	13/08/2018	Compliant Stockpile	0.018	nd
SP111	ASET66856	13/08/2018	SP fail due to ACM. SP re-picked	0.098	nd
SP111-R	--	28/08/2018	Compliant Stockpile	--	nd
SP112	ASET66856	13/08/2018	Compliant Stockpile	nd	nd
SP113	ASET66856	13/08/2018	Compliant Stockpile	nd	nd
SP114	ASET66856	13/08/2018	Compliant Stockpile	0.017	nd
SP115	ASET66904	14/08/2018	Compliant Stockpile	nd	nd
SP116	ASET66904	14/08/2018	Compliant Stockpile	0.022	nd
SP117	ASET66904	14/08/2018	Compliant Stockpile	nd	nd
SP118	ASET66904	14/08/2018	SP fail due to AF/FA. Removed for storage	0.016	0.00148
SP118 FP	ASET68250	3/10/2018	Footprint clearance/ valdiation post fail	nd	nd
SP119	ASET66904	14/08/2018	Compliant Stockpile	0.013	nd
SP120	ASET66944	15/08/2018	Compliant Stockpile	nd	nd
SP121	ASET66944	15/08/2018	Compliant Stockpile	nd	nd
SP122	ASET66944	15/08/2018	Compliant Stockpile	0.017	nd
SP123	ASET66944	15/08/2018	Compliant Stockpile	0.010	nd
SP124	ASET66977	17/08/2018	Compliant Stockpile	0.019	nd
SP125	ASET66977	17/08/2018	Compliant Stockpile	0.010	nd
SP126	ASET66977	17/08/2018	Compliant Stockpile	0.023	nd

SP127	ASET67060	20/08/2018	Compliant Stockpile	nd	nd
Sp128	ASET67060	20/08/2018	Compliant Stockpile	nd	nd
SP129	ASET67060	20/08/2018	Compliant Stockpile	nd	nd
SP130	ASET67060	20/08/2018	Compliant Stockpile	nd	nd
SP131	ASET67060	20/08/2018	Compliant Stockpile	nd	nd
SP132	ASET67060	20/08/2018	Compliant Stockpile	0.015	nd
SP133	ASET67060	20/08/2018	SP fail due to ACM. SP re-picked	0.052	nd
SP133-R	ASET67290	28/08/2018	Sampling post additional remediation	0.013	--
SP134	ASET67060	20/08/2018	Compliant Stockpile	nd	nd
SP135	ASET67060	20/08/2018	Compliant Stockpile	0.002	nd
SP136	ASET67133	22/08/2018	Compliant Stockpile	0.020	nd
SP137	ASET67133	22/08/2018	Compliant Stockpile	0.003	0.00063
SP138	ASET67133	22/08/2018	Compliant Stockpile	nd	0.00061
SP139	ASET67133	22/08/2018	Compliant Stockpile	0.014	nd
SP140	ASET67133	22/08/2018	Compliant Stockpile	0.021	nd
SP141	ASET67133	22/08/2018	Compliant Stockpile	0.046	nd
SP142	ASET67133	22/08/2018	Compliant Stockpile	nd	nd
SP143	ASET67133	22/08/2018	Compliant Stockpile	0.003	nd
SP144	ASET67133	22/08/2018	Compliant Stockpile	nd	0.00001
SP145	ASET67133	22/08/2018	Compliant Stockpile	0.025	nd
SP146	ASET67290	28/08/2018	SP fail due to AF/FA. Removed for storage	0.004	0.00313
SP146-FP	ASET67823	17/09/2018	Footprint clearance/ valdiation post fail	nd	nd
SP147	ASET67290	28/08/2018	Compliant Stockpile	nd	nd
SP148	ASET67290	28/08/2018	Compliant Stockpile	nd	nd
SP149	ASET67290	28/08/2018	Compliant Stockpile	0.034	nd
SP150	ASET67290	28/08/2018	Compliant Stockpile	0.006	nd
SP151	ASET67290	28/08/2018	SP fail due to ACM. SP re-picked	0.185	nd
SP151-RP	ASET67159	4/08/2018	SP failed initial re-pick	0.071	nd
SP151-RP	ASET67751	14/09/2018	Sampling post additional remediation	0.030	nd
SP151-RPA	ASET67751	14/09/2018	Intra lab duplicate	0.034	nd
SP152	ASET67290	28/08/2018	Compliant Stockpile	0.011	nd
SP153	ASET67290	28/08/2018	Compliant Stockpile	0.005	nd
SP154	ASET67290	28/08/2018	Compliant Stockpile	nd	nd
SP155	ASET67290	28/08/2018	Compliant Stockpile	nd	nd
SP156	ASET67290	28/08/2018	Compliant Stockpile	0.014	nd
SP157	ASET67290	28/08/2018	Compliant Stockpile	0.016	nd
SP158	ASET67318	29/08/2018	Compliant Stockpile	nd	nd
SP159	ASET67318	29/08/2018	Compliant Stockpile	0.006	0.00001
SP160	ASET67318	29/08/2018	Compliant Stockpile	0.002	nd
SP161	ASET67318	29/08/2018	Compliant Stockpile	nd	nd
SP162	ASET67318	29/08/2018	Compliant Stockpile	nd	nd
SP163	ASET67318	29/08/2018	Compliant Stockpile	nd	nd
SP164	ASET67318	29/08/2018	Compliant Stockpile	0.003	nd
SP165	ASET67318	29/08/2018	Compliant Stockpile	nd	nd
SP166	ASET67318	29/08/2018	Compliant Stockpile	0.006	nd
SP167	ASET67318	29/08/2018	Compliant Stockpile	0.003	nd
SP168	ASET67366	30/08/2018	Compliant Stockpile	nd	nd
SP169	ASET67366	30/08/2018	SP fail due to AF/FA. Removed for storage	0.033	0.00133
SP169-FP	ASET67823	17/09/2018	Footprint clearance/ valdiation post fail	nd	nd
SP170	ASET67366	30/08/2018	Compliant Stockpile	0.002	nd
SP171	ASET67366	30/08/2018	Compliant Stockpile	0.036	nd
SP172	ASET67414	31/08/2018	Compliant Stockpile	nd	nd

SP173	ASET67414	31/08/2018	Compliant Stockpile	nd	nd
SP174	ASET67414	31/08/2018	Compliant Stockpile	0.006	nd
SP175	ASET67519	4/09/2018	Compliant Stockpile	0.018	nd
SP176	ASET67519	4/09/2018	Compliant Stockpile	nd	nd
SP177	ASET67519	4/09/2018	SP fail due to AF/FA. Removed for storage	nd	0.00185
SP177-FP	ASET67863	19/09/2018	Footprint clearance/ valdiation post fail	nd	nd
SP178	ASET67520	5/09/2018	Compliant Stockpile	0.024	0.00014
SP179	ASET67520	5/09/2018	Compliant Stockpile	0.042	nd
SP180	ASET67520	5/09/2018	Compliant Stockpile	0.010	nd
SP181	ASET67520	5/09/2018	Compliant Stockpile	nd	nd
SP182	ASET67520	5/09/2018	Compliant Stockpile	0.004	nd
SP183	ASET67520	5/09/2018	Compliant Stockpile	nd	nd
SP184	ASET67510	6/09/2018	SP fail due to ACM. SP re-picked	0.066	nd
SP184-RP	--	7/09/2018	Compliant Stockpile	nd	nd
SP185	ASET67510	6/09/2018	Compliant Stockpile	nd	0.00002
SP186	ASET67510	6/09/2018	Compliant Stockpile	nd	nd
SP187	ASET67510	6/09/2018	Compliant Stockpile	0.022	nd
SP188	ASET67612	10/09/2018	Compliant Stockpile	nd	0.00002
SP189	ASET67612	10/09/2018	Compliant Stockpile	nd	nd
SP190	ASET67612	10/09/2018	Compliant Stockpile	nd	0.00002
SP191	ASET67612	10/09/2018	Compliant Stockpile	nd	0.00002
SP192	ASET67612	10/09/2018	Compliant Stockpile	nd	0.00002
SP193	ASET67612	10/09/2018	Compliant Stockpile	0.013	0.00049
SP194	ASET67612	10/09/2018	Compliant Stockpile	0.002	0.00002
SP195	ASET67611	11/09/2018	Compliant Stockpile	nd	nd
SP196	ASET67611	11/09/2018	Compliant Stockpile	nd	nd
SP197	ASET67611	11/09/2018	Compliant Stockpile	nd	0.00026
SP198	ASET67611	11/09/2018	Compliant Stockpile	0.003	nd
SP199	ASET67611	11/09/2018	Compliant Stockpile	0.041	0.00010
SP200	ASET67611	11/09/2018	Compliant Stockpile	0.015	nd
SP201	ASET67611	11/09/2018	Compliant Stockpile	nd	nd
SP202	ASET67715	12/09/2018	Compliant Stockpile	nd	nd
SP203	ASET67715	12/09/2018	Compliant Stockpile	nd	0.00084
SP204	ASET67715	12/09/2018	SP fail due to AF/FA. Removed for storage	0.010	0.01146
SP204-FP	ASET67822	18/09/2018	Footprint clearance/ valdiation post fail	nd	nd
SP205	ASET67715	12/09/2018	Compliant Stockpile	nd	nd
SP206	ASET67715	12/09/2018	Compliant Stockpile	0.007	0.00001
SP207	ASET67715	12/09/2018	Compliant Stockpile	nd	nd
SP208	ASET67715	12/09/2018	Compliant Stockpile	0.021	0.00006
SP209	ASET67715	12/09/2018	Compliant Stockpile	0.009	nd
SP210	ASET67679	13/09/2018	Compliant Stockpile	0.039	nd
SP211	ASET67679	13/09/2018	Compliant Stockpile	0.013	nd
SP212	ASET67679	13/09/2018	Compliant Stockpile	nd	nd
SP213	ASET67679	13/09/2018	Compliant Stockpile	nd	nd
SP214	ASET67679	13/09/2018	Compliant Stockpile	nd	nd
SP215	ASET67679	13/09/2018	Compliant Stockpile	0.015	0.00013
SP216	ASET67679	13/09/2018	Compliant Stockpile	nd	nd
SP217	ASET67679	13/09/2018	Compliant Stockpile	nd	nd
SP218	ASET67751	14/09/2018	Compliant Stockpile	nd	nd
SP219	ASET67751	14/09/2018	Compliant Stockpile	nd	nd
SP220	ASET67822	18/09/2018	SP fail due to ACM. SP re-picked	0.052	0.00072
SP220-RP	ASET68161	27/09/2018	Sampling post additional remediation	0.010	nd

SP221	ASET67822	18/09/2018	Compliant Stockpile	nd	nd
SP222	ASET67822	18/09/2018	SP fail due to ACM. SP re-picked	0.081	nd
SP222-RP	ASET68161	27/09/2018	Sampling post additional remediation	0.035	nd
SP223	ASET67822	18/09/2018	Compliant Stockpile	0.037	nd
SP224	ASET67822	18/09/2018	Compliant Stockpile	0.038	nd
SP225	ASET67863	19/09/2018	Compliant Stockpile	0.037	nd
SP226	ASET67863	19/09/2018	Compliant Stockpile	nd	0.00049
SP227	ASET67863	19/09/2018	Compliant Stockpile	nd	nd
SP228	ASET67863	19/09/2018	Compliant Stockpile	0.029	nd
SP229	ASET67863	19/09/2018	Compliant Stockpile	0.037	nd
SP230	ASET67863	19/09/2018	Compliant Stockpile	nd	nd
SP231	ASET67863	19/09/2018	Compliant Stockpile	nd	nd
SP232	ASET67901	20/09/2018	SP fail due to ACM. SP re-picked	0.098	nd
SP232-RP	ASET68156	28/09/2018	Sampling post additional remediation	0.033	nd
SP233	ASET67901	20/09/2018	Compliant Stockpile	0.010	nd
SP234	ASET67901	20/09/2018	Compliant Stockpile	nd	nd
SP235	ASET67901	20/09/2018	Compliant Stockpile	nd	nd
SP236	ASET67901	20/09/2018	SP fail due to AF/FA. Removed for storage	0.057	0.00358
SP236-FP	ASET68250	3/10/2018	Footprint clearance/ valdiation post fail	nd	nd
SP237	ASET67901	20/09/2018	Compliant Stockpile	0.042	0.00027
SP238	ASET67901	20/09/2018	Compliant Stockpile	0.007	nd
SP239	ASET67988	21/09/2018	Compliant Stockpile	nd	0.00060
SP240	ASET67988	21/09/2018	Compliant Stockpile	0.024	nd
SP241	ASET67988	21/09/2018	SP fail due to ACM. SP re-picked	0.064	nd
SP241-RP	--	28/09/2018	Compliant Stockpile	nd	nd
SP242	ASET68159	25/09/2018	Compliant Stockpile	0.010	nd
SP243	ASET68159	25/09/2018	Compliant Stockpile	nd	nd
SP244	ASET68159	25/09/2018	Compliant Stockpile	nd	nd
SP245	ASET68159	25/09/2018	Compliant Stockpile	nd	nd
SP246	ASET68159	25/09/2018	Compliant Stockpile	nd	nd
SP247	ASET68159	25/09/2018	Compliant Stockpile	nd	nd
SP248	ASET68159	25/09/2018	Compliant Stockpile	0.022	nd
SP249	ASET68159	25/09/2018	Compliant Stockpile	nd	nd
SP250	ASET68159	25/09/2018	SP fail due to ACM. SP re-picked	0.109	nd
SP250-RP	--	28/09/2018	Compliant Stockpile	--	--
SP251	ASET68159	25/09/2018	Compliant Stockpile	0.014	nd
SP252	ASET68159	25/09/2018	Compliant Stockpile	0.006	nd
SP253	ASET68159	25/09/2018	Compliant Stockpile	nd	nd
SP254	ASET68159	25/09/2018	Compliant Stockpile	nd	nd
SP255	ASET68159	25/09/2018	Compliant Stockpile	nd	nd
SP256	ASET68160	27/09/2018	SP fail due to ACM. SP re-picked	0.093	nd
SP256-RP	--	28/09/2018	Compliant Stockpile	--	--
SP257	ASET68160	27/09/2018	Compliant Stockpile	nd	nd
SP258	ASET68160	27/09/2018	Compliant Stockpile	nd	nd
SP259	ASET68160	27/09/2018	Compliant Stockpile	nd	nd
SP260	ASET68160	27/09/2018	Compliant Stockpile	nd	nd
SP261	ASET68160	27/09/2018	Compliant Stockpile	0.018	nd
SP262	ASET68160	27/09/2018	Compliant Stockpile	nd	nd
SP263	ASET68160	27/09/2018	Compliant Stockpile	0.003	nd
SP264	ASET68160	27/09/2018	Compliant Stockpile	nd	nd
SP265	ASET68160	27/09/2018	Compliant Stockpile	0.021	0.00019
SP266	ASET68160	27/09/2018	Compliant Stockpile	nd	nd

SP267	ASET68160	27/09/2018	Compliant Stockpile	0.021	nd
SP268	ASET68160	27/09/2018	Compliant Stockpile	nd	nd
SP269	ASET68160	27/09/2018	Compliant Stockpile	0.008	nd
SP270	ASET68156	27/09/2018	Compliant Stockpile	nd	nd
SP271	ASET68156	28/09/2018	Compliant Stockpile	nd	nd
SP272	ASET68156	28/09/2018	Compliant Stockpile	nd	nd
SP273	ASET68156	28/09/2018	Compliant Stockpile	nd	nd
SP274	ASET68156	28/09/2018	SP fail due to AF/FA. Removed for storage	nd	0.00323
SP274-FP	ASET68852	25/10/2018	Footprint clearance/ valdiation post fail	nd	nd
SP275	ASET68156	28/09/2018	Compliant Stockpile	nd	nd
SP276	ASET68156	28/09/2018	Compliant Stockpile	0.002	nd
SP277	ASET68156	28/09/2018	Compliant Stockpile	nd	nd
SP278	ASET68156	28/09/2018	Compliant Stockpile	0.002	nd
SP279	ASET68156	28/09/2018	Compliant Stockpile	nd	nd
SP280	ASET68156	28/09/2018	Compliant Stockpile	0.011	nd
SP281	ASET68156	28/09/2018	Compliant Stockpile	0.005	nd
SP282	ASET68156	28/09/2018	Compliant Stockpile	0.009	nd
SP283	ASET68156	28/09/2018	Compliant Stockpile	nd	0.00001
SP284	ASET68156	28/09/2018	Compliant Stockpile	nd	nd
SP285	ASET68156	28/09/2018	Compliant Stockpile	nd	nd
SP286	ASET68156	28/09/2018	Compliant Stockpile	0.009	nd
SP287	ASET68156	28/09/2018	Compliant Stockpile	0.008	nd
SP288	ASET68156	28/09/2018	Compliant Stockpile	nd	nd
SP289	ASET68156	28/09/2018	Compliant Stockpile	nd	nd
SP290	ASET68156	28/09/2018	Compliant Stockpile	0.005	nd
SP291	ASET68250	3/10/2018	Compliant Stockpile	0.013	nd
SP292	ASET68250	3/10/2018	Compliant Stockpile	0.034	nd
SP293	ASET68250	3/10/2018	Compliant Stockpile	0.039	nd
SP294	ASET68250	3/10/2018	Compliant Stockpile	0.050	nd
SP295	ASET68250	3/10/2018	Compliant Stockpile	0.003	nd
SP296	ASET68250	3/10/2018	Compliant Stockpile	0.011	nd
SP297	ASET68250	3/10/2018	Compliant Stockpile	nd	nd
SP298	ASET68250	3/10/2018	Compliant Stockpile	nd	nd
SP299	ASET68250	3/10/2018	Compliant Stockpile	0.013	nd
SP300	ASET68250	3/10/2018	Compliant Stockpile	nd	nd
SP301	ASET68250	3/10/2018	Compliant Stockpile	nd	nd
SP302	ASET68250	3/10/2018	SP fail due to ACM. SP re-picked	0.068	nd
SP302-RP	--	9/10/2018	Compliant Stockpile	nd	nd
SP303	ASET68250	3/10/2018	Compliant Stockpile	nd	nd
SP304	ASET68250	3/10/2018	Compliant Stockpile	nd	nd
SP305	ASET68250	3/10/2018	Compliant Stockpile	nd	nd
SP306	ASET68250	3/10/2018	Compliant Stockpile	0.013	nd
SP307	ASET68250	3/10/2018	Compliant Stockpile	nd	nd
SP308	ASET68250	3/10/2018	Compliant Stockpile	nd	nd
SP309	ASET68250	3/10/2018	Compliant Stockpile	nd	nd
SP310	ASET68250	3/10/2018	Compliant Stockpile	0.005	nd
SP311	ASET68444	9/10/2018	Compliant Stockpile	nd	nd
SP312	ASET68444	9/10/2018	Compliant Stockpile	0.011	nd
SP313	ASET68444	9/10/2018	Compliant Stockpile	nd	nd
SP314	ASET68444	9/10/2018	Compliant Stockpile	nd	nd
SP315	ASET68444	9/10/2018	Compliant Stockpile	0.027	nd
SP316	ASET68444	9/10/2018	Compliant Stockpile	nd	nd

SP317	ASET68444	9/10/2018	Compliant Stockpile	nd	nd
SP318	ASET68444	9/10/2018	Compliant Stockpile	nd	nd
SP319	ASET68444	9/10/2018	Compliant Stockpile	0.015	nd
SP320	ASET68444	9/10/2018	Compliant Stockpile	nd	nd
SP321	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP322	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP323	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP324	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP325	ASET68528	11/10/2018	Compliant Stockpile	0.007	nd
SP326	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP327	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP328	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP329	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP330	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP331	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP332	ASET68528	11/10/2018	Compliant Stockpile	nd	0.00002
SP333	ASET68528	11/10/2018	Compliant Stockpile	0.039	nd
SP334	ASET68528	11/10/2018	Compliant Stockpile	0.005	nd
SP335	ASET68528	11/10/2018	Compliant Stockpile	0.003	nd
SP336	ASET68528	11/10/2018	Compliant Stockpile	nd	0.00032
SP337	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP338	ASET68528	11/10/2018	Compliant Stockpile	nd	nd
SP339	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP340	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP341	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP342	ASET68632	16/10/2018	Compliant Stockpile	nd	0.00097
SP343	ASET68632	16/10/2018	SP fail due to AF/FA. Removed for storage	0.008	0.00263
SP343-FP	ASET68751	22/10/2018	Footprint clearance/ valdiation post fail	nd	nd
SP344	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP345	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP346	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP347	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP348	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP349	ASET68632	16/10/2018	Compliant Stockpile	0.024	nd
SP350	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP351	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP352	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP353	ASET68632	16/10/2018	SP fail due to AF/FA. Removed for storage	nd	0.00199
SP353-FP	ASET68751	22/10/2018	Footprint clearance/ valdiation post fail	nd	nd
SP354	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP355	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP356	ASET68632	16/10/2018	Compliant Stockpile	0.002	nd
SP357	ASET68632	16/10/2018	Compliant Stockpile	0.002	nd
SP358	ASET68632	16/10/2018	SP fail due to AF/FA. Removed for storage	0.005	0.00145
SP358-FP	ASET68751	22/10/2018	Footprint clearance/ valdiation post fail	nd	nd
SP359	ASET68632	16/10/2018	Compliant Stockpile	nd	nd
SP360	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP361	ASET68669	18/10/2018	Compliant Stockpile	nd	0.00085
SP362	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP363	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP364	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP365	ASET68669	18/10/2018	Compliant Stockpile	nd	nd

SP366	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP367	ASET68669	18/10/2018	Compliant Stockpile	0.033	nd
SP368	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP369	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP370	ASET68669	18/10/2018	Compliant Stockpile	0.012	nd
SP371	ASET68669	18/10/2018	SP fail due to AF/FA. Removed for storage	0.002	0.00259
SP371-FP	ASET66976	7/12/2018	Footprint clearance/ valdiation post fail	nd	nd
SP372	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP373	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP374	ASET68669	18/10/2018	SP fail due to AF/FA. Removed for storage	nd	0.00296
SP374-FP	ASET66976	7/12/2018	Footprint failed and rescraped	nd	0.00056
SP374-FP	ASET70230	18/12/2018	Footprint failed and rescraped	nd	0.00003
SP375	ASET68669	18/10/2018	SP fail due to ACM. SP re-picked	0.052	nd
SP375-RP	--	9/11/2018	Compliant Stockpile	--	--
SP376	ASET68669	18/10/2018	Compliant Stockpile	0.009	nd
SP377	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP378	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP379	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP380	ASET68669	18/10/2018	Compliant Stockpile	0.006	nd
SP381	ASET68669	18/10/2018	Compliant Stockpile	nd	nd
SP382	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP383	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP384	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP385	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP386	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP387	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP388	ASET68752	19/10/2018	Compliant Stockpile	nd	0.00002
SP389	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP390	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP391	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP392	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP393	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP394	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP395	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP396	ASET68752	19/10/2018	Compliant Stockpile	nd	nd
SP397	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP398	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP399	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP400	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP401	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP402	ASET68751	22/10/2018	Compliant Stockpile	0.003	nd
SP403	ASET68751	22/10/2018	Compliant Stockpile	0.010	nd
SP404	ASET68751	22/10/2018	Compliant Stockpile	0.001	nd
SP405	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP406	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP407	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP408	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP409	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP410	ASET68751	22/10/2018	Compliant Stockpile	0.010	nd
SP411	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP412	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP413	ASET68751	22/10/2018	Compliant Stockpile	nd	nd

SP414	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP415	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP416	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP420	ASET68751	22/10/2018	Compliant Stockpile	0.005	nd
SP421	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP422	ASET68751	22/10/2018	Compliant Stockpile	0.008	nd
SP423R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R-1-RP	ASET69224	8/11/2018	SP failed initial re-pick	0.142	--
R-1-RP-R	ASET69413	16/11/2018	Sampling post additional remediation	0.010	nd
SP424R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R-2-RP	ASET69224	8/11/2018	SP failed initial re-pick	0.066	--
R-2-RP-R	ASET69413	16/11/2018	Sampling post additional remediation	0.009	nd
SP425R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R-3-RP	ASET69224	8/11/2018	SP failed initial re-pick	0.079	--
R-3-RP-R	ASET69413	16/11/2018	Sampling post additional remediation	0.004	nd
SP426R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R-4-RP	ASET69224	8/11/2018	SP failed initial re-pick	VF	--
R-4-RP-R	ASET69413	16/11/2018	Sampling post additional remediation	0.034	nd
SP427R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R-5-RP	ASET69224	8/11/2018	Sampling post additional remediation	0.045	--
SP428R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R-6-RP	ASET69224	8/11/2018	Sampling post additional remediation	0.043	--
SP429R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	0.00016
R-7-RP	ASET69224	8/11/2018	SP failed initial re-pick	0.162	--
R-7-RP-R	ASET69463	16/11/2018	Sampling post additional remediation	0.032	nd
SP430R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R-8-RP	ASET69224	8/11/2018	Sampling post additional remediation	0.038	--
SP431R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R-9-RP	ASET69224	8/11/2018	SP failed initial re-pick	0.089	--
R-9-RP-R	ASET69413	16/11/2018	Sampling post additional remediation	0.037	nd
SP432R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R10-RP	ASET69278	9/11/2018	SP failed initial re-pick	0.096	--
R10-RP-RP	--	21/11/2018	Compliant Stockpile	--	--
SP433R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R11-RP	ASET69278	9/11/2018	SP failed initial re-pick	0.057	--
R11-RP-RP	--	21/11/2018	Compliant Stockpile	--	--
SP434R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R12-RP	ASET69278	9/11/2018	SP failed initial re-pick	0.053	--
R12-RP-RP	ASET69603	22/11/2018	Sampling post additional remediation	0.049	--
SP435R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R13-RP	ASET69278	9/11/2018	SP failed initial re-pick	0.083	--
R13-RP-RP	ASET69603	22/11/2018	Sampling post additional remediation	0.011	--
SP436R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R14-RP	ASET69278	9/11/2018	SP failed initial re-pick	0.080	--
R14-RP-RP	ASET69603	22/11/2018	Sampling post additional remediation	0.032	--
SP437R	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	VF	nd
R15-RP	ASET69278	9/11/2018	SP failed initial re-pick	0.073	--
R15-RP-RP	--	22/11/2018	Compliant Stockpile	--	--
SP438	ASET68751	22/10/2018	Compliant Stockpile	0.044	nd
SP439	ASET68751	22/10/2018	Compliant Stockpile	0.003	nd
SP440	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP441	ASET68751	22/10/2018	Compliant Stockpile	0.041	nd

SP442	ASET68751	22/10/2018	Compliant Stockpile	0.011	nd
SP443	ASET68751	22/10/2018	SP fail due to ACM. SP re-picked	0.057	nd
SP443-RP	--	23/10/2018	Compliant Stockpile	--	--
SP444	ASET68751	22/10/2018	Compliant Stockpile	0.024	nd
SP445	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
SP446	ASET68751	22/10/2018	SP fail due to AF/FA. Removed for storage	0.00027	0.00392
SP446-FP	ASET69976	7/12/2018	Footprint clearance/ valdiation post fail	nd	nd
SP447	ASET68751	22/10/2018	Compliant Stockpile	0.006	nd
SP448	ASET68751	22/10/2018	Compliant Stockpile	0.002	nd
SP449	ASET68751	22/10/2018	Compliant Stockpile	0.007	nd
SP450	ASET68751	22/10/2018	Compliant Stockpile	0.008	nd
TS1-1	ASET68751	22/10/2018	Compliant Stockpile	0.006	nd
TS1-2	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
TS1-3	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
TS1-4	ASET68751	22/10/2018	Compliant Stockpile	0.010	nd
TS1-5	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
TS1-6	ASET68751	22/10/2018	Compliant Stockpile	0.042	nd
TS1-7	ASET68751	22/10/2018	Compliant Stockpile	nd	nd
TS1-8	ASET68751	22/10/2018	SP fail due to AF/FA. Topsoil stockpile remains in ATA	nd	0.00300
SP451	ASET68751	23/10/2018	SP fail due to ACM. SP re-picked	0.100	nd
SP451-RP	--	9/11/2018	Compliant Stockpile	--	--
SP452	ASET68781	23/10/2018	Compliant Stockpile	0.022	nd
SP453	ASET68781	23/10/2018	Compliant Stockpile	nd	nd
SP454	ASET68781	23/10/2018	SP fail due to ACM. SP re-picked	0.083	nd
SP454-RP	--	9/11/2018	Compliant Stockpile	--	--
SP455	ASET68781	23/10/2018	Compliant Stockpile	0.035	nd
SP456	ASET68781	23/10/2018	Compliant Stockpile	0.050	nd
SP457	ASET68781	23/10/2018	Compliant Stockpile	0.012	nd
SP458	ASET68781	23/10/2018	Compliant Stockpile	0.008	nd
SP459	ASET68781	23/10/2018	Compliant Stockpile	nd	nd
SP460	ASET68781	23/10/2018	Compliant Stockpile	nd	nd
SP461	ASET68781	23/10/2018	Compliant Stockpile	nd	nd
SP462	ASET68781	23/10/2018	Compliant Stockpile	nd	nd
SP463	ASET68781	23/10/2018	Compliant Stockpile	nd	nd
SP464	ASET68781	23/10/2018	Compliant Stockpile	0.021	nd
SP465	ASET68781	23/10/2018	SP fail due to ACM. SP re-picked	0.058	nd
SP465-RP	--	9/11/2018	Compliant Stockpile	--	--
SP466	ASET68781	23/10/2018	Compliant Stockpile	0.015	nd
SP467	ASET68781	23/10/2018	SP fail due to ACM. SP re-picked	0.076	nd
SP467-RP	--	9/11/2018	Compliant Stockpile	--	--
SP468	ASET68781	23/10/2018	Compliant Stockpile	0.039	nd
SP469	ASET68781	23/10/2018	Compliant Stockpile	nd	nd
SP470	ASET68781	23/10/2018	Compliant Stockpile	0.014	nd
SP471	ASET68781	23/10/2018	Compliant Stockpile	0.003	nd
TS2-1	ASET68781	23/10/2018	Compliant Stockpile	0.003	nd
TS2-2	ASET68781	23/10/2018	Compliant Stockpile	nd	nd
TS2-3	ASET68781	23/10/2018	Compliant Stockpile	nd	nd
TS2-4	ASET68781	23/10/2018	Compliant Stockpile	nd	nd
SP472	ASET68810	24/10/2018	Compliant Stockpile	0.023	nd
SP473	ASET68810	24/10/2018	Compliant Stockpile	0.004	nd
SP474	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP475	ASET68810	24/10/2018	Compliant Stockpile	0.007	nd

SP476	ASET68810	24/10/2018	Compliant Stockpile	0.007	nd
SP477	ASET68810	24/10/2018	Compliant Stockpile	0.022	nd
SP478	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP479	ASET68810	24/10/2018	Compliant Stockpile	0.041	nd
SP480	ASET68810	24/10/2018	Compliant Stockpile	0.023	nd
SP481	ASET68810	24/10/2018	Compliant Stockpile	0.002	nd
SP482	ASET68810	24/10/2018	Compliant Stockpile	0.048	nd
SP483	ASET68810	24/10/2018	Compliant Stockpile	0.007	nd
SP484	ASET68810	24/10/2018	Compliant Stockpile	0.015	nd
SP485	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP486	ASET68810	24/10/2018	Compliant Stockpile	0.018	nd
SP487	ASET68810	24/10/2018	Compliant Stockpile	0.006	nd
SP488	ASET68810	24/10/2018	SP fail due to ACM. SP re-picked	0.086	nd
SP488-RP	ASET69224	8/11/2018	Sampling post additional remediation	0.023	nd
SP489	ASET68810	24/10/2018	Compliant Stockpile	0.003	nd
SP490	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP491	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP492	ASET68810	24/10/2018	Compliant Stockpile	0.027	nd
SP493	ASET68810	24/10/2018	Compliant Stockpile	0.038	nd
SP494	ASET68810	24/10/2018	Compliant Stockpile	0.003	nd
SP495	ASET68810	24/10/2018	Compliant Stockpile	0.007	nd
SP496	ASET68810	24/10/2018	SP fail due to ACM. SP re-picked	0.055	nd
SP496-RP	ASET69224	8/11/2018	Sampling post additional remediation	nd	nd
SP497	ASET68810	24/10/2018	Compliant Stockpile	nd	0.00001
SP498	ASET68810	24/10/2018	Compliant Stockpile	0.017	nd
SP499	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP500	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP501	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP502	ASET68810	24/10/2018	Compliant Stockpile	0.033	nd
SP503	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP504	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP505	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP506	ASET68810	24/10/2018	Compliant Stockpile	0.008	nd
SP507	ASET68810	24/10/2018	Compliant Stockpile	nd	nd
SP508	ASET68810	24/10/2018	SP fail due to ACM. SP re-picked	0.067	nd
SP508-RP	ASET69224	8/11/2018	Sampling post additional remediation	0.000	nd
SP509	ASET68852	25/10/2018	Compliant Stockpile	nd	nd
SP510	ASET68852	25/10/2018	Compliant Stockpile	nd	nd
SP511	ASET68852	25/10/2018	Compliant Stockpile	nd	nd
SP512	ASET68852	25/10/2018	Compliant Stockpile	0.007	nd
SP513	ASET68852	25/10/2018	Compliant Stockpile	0.004	nd
SP514	ASET68852	25/10/2018	Compliant Stockpile	nd	nd
SP515	ASET68852	25/10/2018	Compliant Stockpile	nd	nd
SP516	ASET68852	25/10/2018	Compliant Stockpile	nd	nd
SP517	ASET68852	25/10/2018	Compliant Stockpile	nd	nd
SP518	ASET68852	25/10/2018	Compliant Stockpile	0.005	nd
SP519	ASET68852	25/10/2018	Compliant Stockpile	nd	nd
SP520	ASET68902	26/10/2018	Compliant Stockpile	0.010	nd
SP521	ASET68902	26/10/2018	Compliant Stockpile	0.007	nd
SP521A	ASET68902	26/10/2018	Intra lab duplicate	--	nd
SP522	ASET68902	26/10/2018	Compliant Stockpile	0.012	nd
SP523	ASET68902	26/10/2018	SP fail due to ACM. SP re-picked	0.054	nd

SP523-RP	ASET69224	8/11/2018	SP failed initial repick	0.073	--
SP523-RP2	--	21/11/2018	Compliant Stockpile	nd	--
SP525	ASET68902	26/10/2018	Compliant Stockpile	nd	nd
SP526	ASET68902	26/10/2018	Compliant Stockpile	0.004	nd
SP527	ASET68902	26/10/2018	Compliant Stockpile	0.011	nd
SP528	ASET68902	26/10/2018	SP fail due to ACM. SP re-picked	0.058	nd
SP528-RP	ASET69224	8/11/2018	SP failed initial repick	0.058	--
SP528-RP2	--	21/11/2018	Compliant Stockpile	nd	--
SP530	ASET68902	26/10/2018	Compliant Stockpile	0.045	nd
SP530A	ASET68902	26/10/2018	Intra lab duplicate	--	nd
SP531	SE185596	26/10/2018	Compliant Stockpile	nd	nd
SP532	ASET68902	26/10/2018	Compliant Stockpile	0.004	nd
SP533	SE185596	26/10/2018	Compliant Stockpile	nd	nd
SP534	ASET68902	26/10/2018	Compliant Stockpile	0.028	nd
SP535	ASET68902	26/10/2018	Compliant Stockpile	nd	nd
SP536	ASET68902	26/10/2018	Compliant Stockpile	0.046	nd
SP537	ASET68902	26/10/2018	Compliant Stockpile	nd	nd
SP538	ASET68902	26/10/2018	Compliant Stockpile	nd	nd
SP539	ASET68902	26/10/2018	Compliant Stockpile	nd	nd
SP540	ASET68902	26/10/2018	Compliant Stockpile	nd	nd
SP541	ASET68902	26/10/2018	Compliant Stockpile	nd	nd
SP542	ASET68902	26/10/2018	Compliant Stockpile	nd	nd
SP543	ASET68902	26/10/2018	Compliant Stockpile	0.001	nd
SP544	SE185625	27/10/2018	Compliant Stockpile	0.007	nd
SP545	SE185625	27/10/2018	Compliant Stockpile	0.005	nd
SP546	SE185625	27/10/2018	Compliant Stockpile	0.013	nd
SP547	SE185625	27/10/2018	Compliant Stockpile	0.002	nd
SP548	SE185625	27/10/2018	SP fail due to AF/FA. Removed for storage	0.081	0.00462
SP548-FP	ASET69340	13/11/2018	Footprint clearance/ valdiation post fail	nd	nd
SP549	SE185625	27/10/2018	Compliant Stockpile	nd	nd
SP550	SE185625	27/10/2018	Compliant Stockpile	nd	nd
SP551	SE185625	27/10/2018	Compliant Stockpile	nd	nd
SP552	SE185625	27/10/2018	Compliant Stockpile	nd	nd
SP553	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP554	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP555	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP556	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP556A	ASET68933	27/10/2018	Intra lab duplicate	--	nd
SP556B	SE185625	27/10/2018	Inter lab duplicate	--	nd
SP557	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP558	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP559	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP559A	ASET68933	27/10/2018	Intra lab duplicate	--	nd
SP560	ASET68933	27/10/2018	Compliant Stockpile	0.007	nd
SP561	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP562	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP563	ASET68933	27/10/2018	Compliant Stockpile	0.006	nd
SP564	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP565	ASET68933	27/10/2018	Compliant Stockpile	0.046	nd
SP566	ASET68933	27/10/2018	Compliant Stockpile	nd	nd
SP567	ASET68933	27/10/2018	Compliant Stockpile	0.001	nd
SP567 A	ASET68933	27/10/2018	Intra lab duplicate	--	nd

SP568	ASET68984	30/10/2018	Compliant Stockpile	0.005	nd
SP569	ASET68984	30/10/2018	Compliant Stockpile	0.017	nd
SP570	ASET68984	30/10/2018	Compliant Stockpile	0.003	nd
SP570 A	ASET68984	30/10/2018	Intra lab duplicate	--	nd
SP571	ASET68984	30/10/2018	Compliant Stockpile	nd	nd
SP572	ASET68984	30/10/2018	Compliant Stockpile	0.000	nd
SP573	ASET68984	30/10/2018	Compliant Stockpile	0.037	nd
SP574	ASET68984	30/10/2018	Compliant Stockpile	0.002	nd
SP575	ASET68984	30/10/2018	Compliant Stockpile	0.009	nd
SP576	ASET68984	30/10/2018	Compliant Stockpile	0.002	nd
SP577	ASET68984	30/10/2018	Compliant Stockpile	0.015	nd
SP577 A	ASET68984	30/10/2018	Intra lab duplicate	--	nd
SP578	ASET69027	31/10/2018	Compliant Stockpile	0.002	nd
SP578 A	ASET69027	31/10/2018	Intra lab duplicate	--	nd
SP579	ASET69027	31/10/2018	Compliant Stockpile	0.002	nd
SP580	ASET69027	31/10/2018	Compliant Stockpile	0.003	nd
SP581	ASET69056	1/11/2018	Compliant Stockpile	nd	nd
SP582	ASET69056	1/11/2018	Compliant Stockpile	nd	nd
SP583	ASET69056	1/11/2018	Compliant Stockpile	nd	nd
SP584	ASET69056	1/11/2018	Compliant Stockpile	0.014	nd
SP585	ASET69056	1/11/2018	Compliant Stockpile	nd	nd
SP586	ASET69056	1/11/2018	Compliant Stockpile	0.001	nd
SP586 A	ASET69056	1/11/2018	Intra lab duplicate	nd	nd
TP52-FP	ASET69027	31/10/2018	Bundwall Footprint Testing	nd	nd
TP52-FP-A	ASET69027	31/10/2018	Intra lab duplicate	0.002	nd
TP72-FP	ASET69027	31/10/2018	Bundwall Footprint Testing	nd	nd
TP52-FP-RT	ASET69506	1/11/2018	Bundwall Footprint Testing	nd	nd
TP72-FP-RT	ASET69506	1/11/2018	Bundwall Footprint Testing	nd	nd
TP71-FP	ASET69506	1/11/2018	Bundwall Footprint Testing	nd	nd
TP71-FP-A	ASET69506	1/11/2018	Intra lab duplicate	--	nd
SP587	ASET69099	2/11/2018	Compliant Stockpile	0.008	nd
SP587A	ASET69099	2/11/2018	Intra lab duplicate	--	nd
SP588	ASET69099	2/11/2018	Compliant Stockpile	nd	nd
SP589	ASET69120	5/11/2018	Compliant Stockpile	0.009	nd
SP590	ASET69120	5/11/2018	Compliant Stockpile	nd	nd
SP591	ASET69120	5/11/2018	Compliant Stockpile	nd	nd
SP592	ASET69120	5/11/2018	Compliant Stockpile	nd	nd
SP593	ASET69120	5/11/2018	Compliant Stockpile	0.023	nd
SP594	ASET69120	5/11/2018	Compliant Stockpile	0.009	nd
SP595	ASET69120	5/11/2018	Compliant Stockpile	0.011	nd
SP596	ASET69120	5/11/2018	Compliant Stockpile	nd	nd
SP597	ASET69120	5/11/2018	Compliant Stockpile	0.037	nd
SP598	ASET69120	5/11/2018	Compliant Stockpile	0.021	nd
SP599	ASET69120	5/11/2018	Compliant Stockpile	0.047	nd
SP600	ASET69120	5/11/2018	Compliant Stockpile	0.001	nd
SP601	ASET69120	5/11/2018	SP fail due to ACM. SP re-picked	0.073	nd
SP601-RP	--	6/11/2018	Compliant Stockpile	nd	--
SP602	ASET69120	5/11/2018	Compliant Stockpile	0.007	nd
SP603	ASET69120	5/11/2018	Compliant Stockpile	0.013	nd
SP604	ASET69120	5/11/2018	Compliant Stockpile	0.016	nd
SP605	ASET69120	5/11/2018	SP fail due to ACM. SP re-picked	0.121	nd
SP605-RP	--	6/11/2018	Compliant Stockpile	nd	--

SP606-R	ASET69159	6/11/2018	SP fail due to ACM. SP re-picked	VF	0.00039
SP606-RP	--	7/11/2018	Compliant Stockpile	nd	--
SP607-R	ASET69159	6/11/2018	SP fail due to ACM. SP re-picked	VF	0.00005
SP607-RP	--	7/11/2018	Compliant Stockpile	nd	--
SP608-R	ASET69159	6/11/2018	SP fail due to AF/FA. Removed for storage	nd	0.00548
SP608-R-FP	ASET69976	7/12/2018	Footprint failed and rescraped	nd	0.00023
SP608-R-FPRT	ASET71241	8/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP609-R	ASET69159	6/11/2018	SP fail due to ACM. SP re-picked	VF	0.00061
SP609-RP	--	7/11/2018	Compliant Stockpile	nd	--
SP610-R	ASET69159	6/11/2018	SP fail due to ACM. SP re-picked	VF	0.00031
SP610-RP	--	7/11/2018	Compliant Stockpile	nd	--
SP611-R	ASET69159	6/11/2018	SP fail due to ACM. SP re-picked	VF	0.00000
SP611-RP	--	7/11/2018	Compliant Stockpile	nd	--
SP612-R	ASET69159	6/11/2018	Compliant Stockpile	0.023	nd
SP613-R	ASET69159	6/11/2018	Compliant Stockpile	0.023	nd
SP614-R	ASET69159	6/11/2018	Compliant Stockpile	nd	nd
SP615-R	ASET69159	6/11/2018	SP fail due to ACM. SP re-picked	VF	0.00003
SP615-RP	--	7/11/2018	Compliant Stockpile	nd	--
SP616-R	ASET69159	6/11/2018	SP fail due to ACM. SP re-picked	VF	nd
SP616-RP	--	7/11/2018	Compliant Stockpile	nd	--
SP617-R	ASET69159	6/11/2018	SP fail due to ACM. SP re-picked	VF	0.00004
SP617-RP	--	7/11/2018	Compliant Stockpile	nd	--
TP48-FP 1/2	ASET69224	8/11/2018	Bundwall Footprint Testing	nd	nd
TP67-FP 1/2	ASET69224	8/11/2018	Bundwall Footprint Testing	nd	nd
TP67-FP 1/2 A	ASET69224	8/11/2018	Intra lab duplicate	nd	nd
TP67-FP 1/2 B	ASET69224	8/11/2018	Inter lab duplicate	0.008	nd
TP68-FP 1/2	ASET69224	8/11/2018	Bundwall Footprint Testing	--	nd
SP618	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP619	ASET69305	12/11/2018	Compliant Stockpile	0.007	nd
SP619A	ASET69305	12/11/2018	Intra lab duplicate	--	nd
SP620-R	ASET69305	12/11/2018	Compliant Stockpile	0.023	nd
SP620-R-A	ASET69305	12/11/2018	Intra lab duplicate	--	nd
SP620-R-B	SE186180	12/11/2018	Inter lab duplicate	--	nd
SP621-R	ASET69305	12/11/2018	SP fail due to ACM. SP re-picked	VF	nd
SP621-RP	--	13/11/2018	Compliant Stockpile	nd	--
SP622-R	ASET69305	12/11/2018	Compliant Stockpile	0.010	nd
SP623-R	ASET69305	12/11/2018	Compliant Stockpile	0.024	nd
SP624-R	ASET69305	12/11/2018	SP fail due to ACM. SP re-picked	VF	nd
SP624-RP	--	13/11/2018	Compliant Stockpile	nd	--
SP625-R	ASET69305	12/11/2018	SP fail due to ACM. SP re-picked	VF	nd
SP625-RP	--	13/11/2018	Compliant Stockpile	nd	--
SP626-R	ASET69305	12/11/2018	SP fail due to ACM. SP re-picked	VF	nd
SP626-RP	--	13/11/2018	Compliant Stockpile	nd	--
SP627	ASET69340	13/11/2018	SP fail due to ACM. SP re-picked	0.077	nd
SP627-RP	--	14/11/2018	Compliant Stockpile	nd	--
SP628	ASET69340	13/11/2018	Compliant Stockpile	0.030	nd
SP629	ASET69340	13/11/2018	SP fail due to ACM. SP re-picked	0.077	nd
SP629-RP	--	14/11/2018	Compliant Stockpile	nd	--
SP630	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP631	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP632	ASET69305	12/11/2018	SP fail due to ACM. SP re-picked	0.057	nd
SP632-RP	--	13/11/2018	Compliant Stockpile	nd	--

SP633	ASET69305	12/11/2018	Compliant Stockpile	0.005	nd
SP634	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP635	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP636	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP637	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP638	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP639	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP640	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP640A	ASET69305	12/11/2018	Intra lab duplicate	--	nd
SP641	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP642	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP643	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP644	ASET69305	12/11/2018	Compliant Stockpile	0.010	nd
SP645	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP646	ASET69305	12/11/2018	Compliant Stockpile	0.007	nd
SP647	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP648	ASET69305	12/11/2018	Compliant Stockpile	0.020	nd
SP649	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP650	ASET69305	12/11/2018	Compliant Stockpile	nd	nd
SP651	ASET69305	12/11/2018	Compliant Stockpile	0.010	nd
SP652	ASET69340	13/11/2018	Compliant Stockpile	0.022	nd
SP653	ASET69340	13/11/2018	Compliant Stockpile	0.023	nd
SP654	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP655	ASET69340	13/11/2018	Compliant Stockpile	0.013	nd
SP655A	ASET69340	13/11/2018	Intra lab duplicate	--	nd
SP655B	SE186182	13/11/2018	Inter lab duplicate	--	nd
SP656	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP657	ASET69340	13/11/2018	Compliant Stockpile	0.009	nd
SP658	ASET69340	13/11/2018	Compliant Stockpile	0.018	nd
SP659	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP660	ASET69340	13/11/2018	Compliant Stockpile	0.004	nd
SP661	ASET69340	13/11/2018	Compliant Stockpile	0.009	nd
SP662	ASET69340	13/11/2018	Compliant Stockpile	0.039	nd
SP663	ASET69340	13/11/2018	Compliant Stockpile	0.035	nd
SP664	ASET69340	13/11/2018	Compliant Stockpile	0.001	nd
SP665	ASET69340	13/11/2018	Compliant Stockpile	0.042	nd
SP666	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP667	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP668	ASET69340	13/11/2018	SP fail due to AF/FA. Removed for storage	0.023	0.00180
SP688-FP	ASET70230	18/12/2018	Footprint clearance/ valdiation post fail	nd	nd
SP669	ASET69340	13/11/2018	Compliant Stockpile	0.005	nd
SP670	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP671	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP672	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP672-A	ASET69340	13/11/2018	Intra lab duplicate	--	nd
SP672-B	SE186182	13/11/2018	Inter lab duplicate	--	nd
SP673	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP674	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP675	ASET69340	13/11/2018	Compliant Stockpile	0.007	nd
SP676	ASET69340	13/11/2018	Compliant Stockpile	nd	nd
SP677	ASET69361	14/11/2018	Compliant Stockpile	nd	nd
SP678	ASET69361	14/11/2018	Compliant Stockpile	0.006	nd

SP679	ASET69361	14/11/2018	Compliant Stockpile	nd	nd
SP679A	ASET69361	14/11/2018	Intra lab duplicate	--	nd
SP680	ASET69361	14/11/2018	Compliant Stockpile	nd	nd
SP681	ASET69361	14/11/2018	Compliant Stockpile	nd	nd
SP682	ASET69361	14/11/2018	Compliant Stockpile	0.017	nd
SP683	ASET69361	14/11/2018	SP fail due to AF/FA. Removed for storage	0.068	0.00138
SP683-FP	ASET71669	26/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP684	ASET69361	14/11/2018	Compliant Stockpile	nd	nd
SP685	ASET69361	14/11/2018	Compliant Stockpile	0.021	nd
SP686	ASET69361	14/11/2018	SP fail due to ACM. SP re-picked	VF	nd
SP686-RP	--	15/11/2018	Compliant Stockpile	nd	--
SP687	ASET69361	14/11/2018	Compliant Stockpile	0.007	nd
SP688	ASET69361	14/11/2018	SP fail due to ACM. SP re-picked	VF	nd
SP688-RP	--	15/11/2018	Compliant Stockpile	nd	--
SP689	ASET69361	14/11/2018	Compliant Stockpile	0.033	nd
SP690	ASET69361	14/11/2018	SP fail due to ACM. SP re-picked	VF	nd
SP690-RP	--	15/11/2018	Compliant Stockpile	nd	--
SP691	ASET69361	14/11/2018	SP fail due to ACM. SP re-picked	VF	nd
SP691-RP	--	15/11/2018	Compliant Stockpile	nd	--
SP692	ASET69361	14/11/2018	SP fail due to ACM. SP re-picked	VF	nd
SP692-RP	--	15/11/2018	Compliant Stockpile	nd	--
SP693	ASET69361	14/11/2018	Compliant Stockpile	0.005	nd
SP693A	ASET69361	14/11/2018	Intra lab duplicate	nd	nd
SP693B	SE186292	14/11/2018	Inter lab duplicate	nd	nd
SP694	ASET69361	14/11/2018	Compliant Stockpile	0.008	nd
SP695	ASET69361	14/11/2018	Compliant Stockpile	nd	nd
NR-7-RP	ASET69361	14/11/2018	Compliant Stockpile	0.019	nd
SP696	ASET69413	16/11/2018	Compliant Stockpile	0.008	nd
SP697	ASET69413	16/11/2018	Compliant Stockpile	0.033	nd
SP698	ASET69413	16/11/2018	Compliant Stockpile	nd	nd
SP699	ASET69413	16/11/2018	Compliant Stockpile	0.024	nd
SP700	ASET69413	16/11/2018	Compliant Stockpile	nd	nd
SP701	ASET69413	16/11/2018	Compliant Stockpile	0.009	nd
SP702	ASET69413	16/11/2018	Compliant Stockpile	0.007	nd
SP703	ASET69413	16/11/2018	Compliant Stockpile	0.027	nd
SP704	ASET69413	16/11/2018	Compliant Stockpile	nd	nd
SP705	ASET69413	16/11/2018	Compliant Stockpile	nd	nd
SP706	ASET69413	16/11/2018	Compliant Stockpile	nd	nd
SP706A	ASET69413	16/11/2018	Intra lab duplicate	--	nd
SP707	ASET69413	16/11/2018	SP fail due to ACM. SP re-picked	0.108	nd
SP707-RP	--	19/11/2018	Compliant Stockpile	nd	--
SP708	ASET69413	16/11/2018	Compliant Stockpile	nd	nd
SP709	ASET69413	16/11/2018	Compliant Stockpile	nd	nd
SP710	ASET69413	16/11/2018	SP fail due to ACM. SP re-picked	0.070	nd
SP710-RP	--	19/11/2018	Compliant Stockpile	nd	--
SP711	ASET69413	16/11/2018	Compliant Stockpile	0.002	nd
SP712	ASET69413	16/11/2018	Compliant Stockpile	0.009	nd
SP713	ASET69413	16/11/2018	Compliant Stockpile	nd	nd
SP713A	ASET69463	16/11/2018	Intra lab duplicate	nd	nd
SP713B	ASET69413	16/11/2018	Inter lab duplicate	nd	nd
TS3-1	ASET69463	16/11/2018	Topsoil Stockpile	nd	nd
TS3-2	ASET69463	16/11/2018	SP fail due to AF/FA. Topsoil stockpile remains in ATA	nd	nd

TS3-2A	ASET69463	16/11/2018	Intra lab duplicate	nd	nd
TS3-2B	SE186508	16/11/2018	Inter lab duplicate	--	0.00459
TS3-3	ASET69463	16/11/2018	Topsoil Stockpile	0.017	nd
TS3-4	ASET69463	16/11/2018	Topsoil Stockpile	0.007	nd
TS3-5	ASET69463	16/11/2018	Topsoil Stockpile	0.015	nd
TS3-6	ASET69463	16/11/2018	Topsoil Stockpile	0.049	nd
TS3-7	ASET69463	16/11/2018	Topsoil Stockpile	nd	0.00001
TS3-8	ASET69463	16/11/2018	Topsoil Stockpile	0.014	nd
TS3-9	ASET69463	16/11/2018	Topsoil Stockpile	nd	nd
TS3-10	ASET69463	16/11/2018	Topsoil Stockpile	0.006	nd
SP714	ASET69501	19/11/2018	Compliant Stockpile	0.010	nd
SP714A	ASET69501	19/11/2018	Intra lab duplicate	--	nd
SP714B	SE186508	19/11/2018	Inter lab duplicate	--	nd
SP715	ASET69501	19/11/2018	Compliant Stockpile	nd	nd
SP716	ASET69501	19/11/2018	Compliant Stockpile	0.010	nd
SP717	ASET69501	19/11/2018	Compliant Stockpile	0.022	nd
SP718	ASET69501	19/11/2018	Compliant Stockpile	nd	nd
SP719	ASET69501	19/11/2018	Compliant Stockpile	0.004	nd
SP720	ASET69501	19/11/2018	Compliant Stockpile	0.017	nd
SP721	ASET69501	19/11/2018	Compliant Stockpile	0.009	nd
SP722	ASET69501	19/11/2018	Compliant Stockpile	nd	nd
SP723	ASET69501	19/11/2018	Compliant Stockpile	0.007	nd
SP724	ASET69501	19/11/2018	Compliant Stockpile	nd	nd
SP725	ASET69501	19/11/2018	Compliant Stockpile	0.013	nd
SP726	ASET69501	19/11/2018	SP fail due to AF/FA. Removed for storage	0.022	0.00132
SP726-FP	ASET70939	30/01/2019	Footprint clearance/ valdiation post fail	nd	nd
SP727	ASET69501	19/11/2018	Compliant Stockpile	nd	nd
SP728	ASET69501	19/11/2018	Compliant Stockpile	0.043	nd
SP729	ASET69501	19/11/2018	Compliant Stockpile	0.005	nd
SP730	ASET69501	19/11/2018	Compliant Stockpile	0.038	nd
SP731	ASET69501	19/11/2018	Compliant Stockpile	nd	nd
SP732	ASET69501	19/11/2018	Compliant Stockpile	0.024	nd
SP733	ASET69501	19/11/2018	Compliant Stockpile	0.023	nd
SP734	ASET69540	20/11/2018	Compliant Stockpile	0.003	nd
SP734A	ASET69540	20/11/2018	Intra lab duplicate	--	nd
SP734B	SE186508	20/11/2018	Inter lab duplicate	--	nd
SP735	ASET69540	20/11/2018	SP fail due to AF/FA. Removed for storage	0.002	0.00132
SP735-FP	ASET70939	30/01/2019	Footprint clearance/ valdiation post fail	nd	nd
SP736	ASET69540	20/11/2018	Compliant Stockpile	nd	nd
SP737	ASET69540	20/11/2018	Compliant Stockpile	0.021	nd
TP70-FP	ASET69540	20/11/2018	Compliant Stockpile	nd	nd
TP70-FPA	ASET69540	20/11/2018	Intra lab duplicate	--	nd
TP70-FP-B	SE186508	20/11/2018	Inter lab duplicate	--	nd
TP50-FP	ASET69540	20/11/2018	Compliant Stockpile	nd	nd
TP69-FP	ASET69540	20/11/2018	Compliant Stockpile	nd	nd
SP738	ASET69569	21/11/2018	Compliant Stockpile	nd	nd
SP739	ASET69569	21/11/2018	Compliant Stockpile	nd	nd
SP740	ASET69569	21/11/2018	Compliant Stockpile	0.006	nd
SP741	ASET69569	21/11/2018	Compliant Stockpile	nd	nd
SP742	ASET69569	21/11/2018	Compliant Stockpile	nd	nd
SP743	ASET69569	21/11/2018	Compliant Stockpile	0.013	nd
SP744	ASET69569	21/11/2018	Compliant Stockpile	0.035	nd

SP745	ASET69569	21/11/2018	Compliant Stockpile	nd	nd
SP746	ASET69598	22/11/2018	Compliant Stockpile	nd	nd
SP746A	ASET69598	22/11/2018	Intra lab duplicate	--	nd
SP747	ASET69598	22/11/2018	Compliant Stockpile	0.045	nd
SP748	ASET69598	22/11/2018	Compliant Stockpile	0.009	nd
SP749	ASET69598	22/11/2018	Compliant Stockpile	0.034	nd
SP750	ASET69598	22/11/2018	Compliant Stockpile	0.016	nd
SP751	ASET69598	22/11/2018	Compliant Stockpile	nd	nd
SP752	ASET69598	22/11/2018	Compliant Stockpile	0.023	nd
SP753	ASET69598	22/11/2018	Compliant Stockpile	nd	nd
SP754	ASET69598	22/11/2018	Compliant Stockpile	0.016	nd
SP755	ASET69598	22/11/2018	Compliant Stockpile	0.007	nd
SP756	ASET69603	22/11/2018	Compliant Stockpile	0.018	0.00002
SP757	ASET69603	23/11/2018	Compliant Stockpile	0.007	nd
SP757A	ASET69603	23/11/2018	Intra lab duplicate	--	nd
SP758	ASET69603	23/11/2018	Compliant Stockpile	nd	nd
SP759	ASET69603	23/11/2018	Compliant Stockpile	nd	nd
SP760	ASET69603	23/11/2018	Compliant Stockpile	nd	nd
SP761	ASET69646	26/11/2018	Compliant Stockpile	0.008	nd
SP761A	ASET69646	26/11/2018	Intra lab duplicate	--	0.00001
SP762	ASET69646	26/11/2018	Compliant Stockpile	0.037	nd
SP763	ASET69646	26/11/2018	Compliant Stockpile	0.020	0.00001
R2EW1	ASET69646	26/11/2018	Compliant Stockpile	nd	nd
R2EW1A	ASET69646	26/11/2018	Intra lab duplicate	nd	nd
SP764	ASET69816	3/12/2018	Compliant Stockpile	0.037	0.00001
SP764A	ASET69816	3/12/2018	Intra lab duplicate	nd	nd
SP764B	SE187022	3/12/2018	Inter lab duplicate	nd	<0.001
SP765	ASET69816	3/12/2018	Compliant Stockpile	0.041	nd
SP766	ASET69816	3/12/2018	Compliant Stockpile	0.015	nd
SP767	ASET69855	4/12/2018	Compliant Stockpile	nd	0.00001
SP767A	ASET69855	4/12/2018	Intra lab duplicate	--	nd
SP768	ASET69855	4/12/2018	Compliant Stockpile	nd	0.00001
SP769	ASET69855	4/12/2018	SP fail due to AF/FA. Removed for storage	nd	0.00114
SP769-FP	ASET70230	18/12/2018	Footprint failed and rescraped	nd	0.00010
SP769-FP-RT	ASET70857	24/01/2019	Footprint clearance/ valdiation post fail	nd	nd
SP770	ASET69855	4/12/2018	Compliant Stockpile	nd	nd
SP771	ASET69855	4/12/2018	Compliant Stockpile	0.016	nd
SP772	ASET69907	5/12/2018	Compliant Stockpile	nd	0.00053
SP773	ASET69907	5/12/2018	Compliant Stockpile	nd	0.00002
SP774	ASET69907	5/12/2018	Compliant Stockpile	nd	nd
SP775	ASET69907	5/12/2018	Compliant Stockpile	0.005	nd
SP776	ASET69907	5/12/2018	SP fail due to AF/FA. Removed for storage	nd	0.00258
SP776-FP	ASET70230	18/12/2018	Footprint clearance/ valdiation post fail	--	nd
SP777	ASET69907	5/12/2018	Compliant Stockpile	0.003	nd
SP778	ASET69907	5/12/2018	Compliant Stockpile	nd	nd
SP779	ASET69907	5/12/2018	SP fail due to AF/FA. Removed for storage	nd	0.00136
SP779A	ASET69907	5/12/2018	Intra lab duplicate	--	nd
SP779-FP	ASET70230	18/12/2018	Footprint clearance/ valdiation post fail	nd	0.00012
SP780	ASET69907	5/12/2018	Compliant Stockpile	0.012	nd
SP781	ASET69907	5/12/2018	Compliant Stockpile	nd	nd
SP782	ASET69907	5/12/2018	Compliant Stockpile	nd	nd
SP783	ASET69907	5/12/2018	Compliant Stockpile	nd	nd

SP784	ASET69907	5/12/2018	Compliant Stockpile	nd	nd
SP785	ASET69907	5/12/2018	Compliant Stockpile	nd	nd
SP786R (SP606-RP)	ASET69907	5/12/2018	Compliant Stockpile	nd	nd
SP787R (SP607-RP)	ASET69907	5/12/2018	Compliant Stockpile	0.008	nd
SP788R (SP609-RP)	ASET69907	5/12/2018	Compliant Stockpile	nd	nd
SP789R (SP610-RP)	ASRT69930	6/12/2018	Compliant Stockpile	0.019	nd
SP789R-A (SP610-RP)	ASET69977	6/12/2018	Intra lab duplicate	--	nd
SP790R (SP611-RP)	ASRT69930	6/12/2018	Compliant Stockpile	0.039	nd
SP791R (SP612-RP)	ASRT69930	6/12/2018	Compliant Stockpile	0.035	nd
SP792R (SP613-RP)	ASRT69930	6/12/2018	SP fail due to AF/FA. Removed for storage	VF	0.00268
SP792R-FP (SP613-RP)	ASET70784	22/01/2019	Footprint clearance/ valdiation post fail	--	nd
SP793R (SP614-RP)	ASRT69930	6/12/2018	SP fail due to ACM. SP re-picked	VF	--
SP793R (SP614-RP)	--	7/01/2019	Compliant Stockpile	nd	--
SP794R (SP614-RP)	ASRT69930	6/12/2018	SP fail due to ACM. SP re-picked	VF	--
SP794R-RP2 (SP615-RP)	--	7/01/2019	Compliant Stockpile	nd	--
SP795R (SP616-RP)	ASRT69930	6/12/2018	Compliant Stockpile	0.041	--
SP796R (SP617-RP)	ASRT69930	6/12/2018	Compliant Stockpile	0.046	--
SP797	ASRT69976	7/12/2018	Compliant Stockpile	0.005	nd
SP797A	ASRT69976	7/12/2018	Intra lab duplicate	--	nd
SP798	ASRT69976	7/12/2018	SP fail due to ACM. SP re-picked	0.083	nd
SP798-RP	--	7/01/2019	Compliant Stockpile	nd	--
SP799	ASRT69976	7/12/2018	Compliant Stockpile	0.000	nd
SP800	ASRT69976	7/12/2018	Compliant Stockpile	nd	nd
SP801	ASRT69976	7/12/2018	Compliant Stockpile	nd	nd
SP802	ASET70010	10/12/2018	Compliant Stockpile	0.013	nd
SP802A	ASET70010	10/12/2018	Intra lab duplicate	nd	nd
SP803	ASET70010	10/12/2018	SP fail due to ACM. SP re-picked	0.169	nd
SP803-RP	--	7/01/2019	Compliant Stockpile	nd	--
SP804	ASET70010	10/12/2018	Compliant Stockpile	nd	nd
SP805	ASET70010	10/12/2018	SP fail due to ACM. SP re-picked	0.071	0.00022
SP805-RP	--	7/01/2019	Compliant Stockpile	nd	--
TP49-FP	ASET70091	11/12/2018	Bundwall Footprint Testing	--	nd
TP49-FPA	ASET70091	11/12/2018	Intra lab duplicate	--	nd
TP68-FP	ASET70091	11/12/2018	Bundwall Footprint Testing	--	nd
TP48-FP	ASET70091	11/12/2018	Bundwall Footprint Testing	--	nd
TP67-FP	ASET70091	11/12/2018	Bundwall Footprint Testing	--	nd
TP47-FP	ASET70091	11/12/2018	Bundwall Footprint Testing	--	nd
SP806	ASET70092	11/12/2018	Compliant Stockpile	0.050	nd
SP806A	ASET70092	11/12/2018	Intra lab duplicate	--	nd
SP806B	ASET70092	11/12/2018	Inter lab duplicate	--	0.00034
SP807	ASET70092	11/12/2018	Compliant Stockpile	--	0.00001
SP808	ASET70092	11/12/2018	Compliant Stockpile	0.033	nd
SP809	ASET70092	11/12/2018	Compliant Stockpile	0.001	nd
SP810	ASET70092	11/12/2018	Compliant Stockpile	0.028	nd
SP811	ASET70090	12/12/2018	Compliant Stockpile	0.043	nd
SP811A	ASET70090	12/12/2018	Intra lab duplicate	--	nd

SP812	ASET70090	12/12/2018	SP fail due to ACM. SP re-picked	0.075	0.00001
SP812-RP	--	13/12/2018	Compliant Stockpile	nd	--
SP813	ASET70090	12/12/2018	SP fail due to AF/FA. Removed for storage	0.009	0.00128
SP813FP	ASET70857	24/01/2019	Footprint clearance/ valdiation post fail	nd	nd
SP814	ASET70090	12/12/2018	Compliant Stockpile	--	nd
SP815	ASET70090	12/12/2018	Compliant Stockpile	--	nd
SP816	ASET70090	12/12/2018	SP fail due to ACM. SP re-picked	0.054	nd
SP816-RP	--	13/12/2018	Compliant Stockpile	nd	--
SP817	ASET70090	12/12/2018	SP fail due to ACM. SP re-picked	0.116	nd
SP817-RP	--	13/12/2018	Compliant Stockpile	nd	--
SP818	ASET70130	13/12/2018	Compliant Stockpile	0.048	nd
SP818A	ASET70130	13/12/2018	Intra lab duplicate	nd	nd
SP819	ASET70130	13/12/2018	Compliant Stockpile	0.008	0.00064
SP820	ASET70130	13/12/2018	Compliant Stockpile	0.024	0.00001
SP821	ASET70130	13/12/2018	Compliant Stockpile	0.018	nd
SP822	ASET70194	17/12/2018	Compliant Stockpile	nd	nd
SP822A	ASET70194	17/12/2018	Intra lab duplicate	nd	nd
SP824	ASET70194	17/12/2018	Compliant Stockpile	nd	nd
SP825	ASET70194	17/12/2018	Compliant Stockpile	nd	nd
SP826	ASET70194	17/12/2018	Compliant Stockpile	nd	nd
SP827	ASET70194	17/12/2018	Compliant Stockpile	nd	nd
SP828	ASET70194	17/12/2018	Compliant Stockpile	0.011	nd
SP829	ASET70194	17/12/2018	Compliant Stockpile	nd	nd
SP830	ASET70194	17/12/2018	Compliant Stockpile	nd	nd
SP831	ASET70194	17/12/2018	Compliant Stockpile	0.039	nd
SP834	ASET70260	18/12/2018	Compliant Stockpile	0.006	nd
SP834A	ASET70260	18/12/2018	Intra lab duplicate	--	0.00033
SP835	ASET70260	18/12/2018	Compliant Stockpile	--	nd
SP836	ASET70260	19/12/2018	Compliant Stockpile	--	nd
SP836A	ASET70260	19/12/2018	Intra lab duplicate	--	nd
SP837	ASET70260	19/12/2018	Compliant Stockpile	0.009	nd
SP838	ASET70260	19/12/2018	Compliant Stockpile	0.043	nd
SP839	ASET70260	19/12/2018	Compliant Stockpile	0.044	nd
SP840	ASET70260	19/12/2018	Compliant Stockpile	--	nd
SP841	ASET70260	19/12/2018	Compliant Stockpile	0.025	nd
SP842	ASET70260	19/12/2018	SP fail due to ACM. SP re-picked	0.065871373	nd
SP842-RP	--	20/12/2018	Compliant Stockpile	--	--
SP843	ASET70260	19/12/2018	Compliant Stockpile	0.043	nd
SP844	ASET70260	19/12/2018	Compliant Stockpile	0.025	nd
SP846	ASET70353	7/01/2019	Compliant Stockpile	nd	0.00015
SP847	ASET70353	7/01/2019	Compliant Stockpile	nd	0.00008
SP848	ASET70353	7/01/2019	SP fail due to AF/FA. Removed for storage	0.025	0.00155
SP848FP	ASET70939	30/01/2019	Footprint clearance/ valdiation post fail	nd	nd
SP849	ASET70353	7/01/2019	SP fail due to AF/FA. Removed for storage	0.100	0.00163
SP849-FP	ASET70939	30/01/2019	Footprint failed and rescraped	nd	0.00001
SP849-RT	ASET71214	8/02/2019	Footprint clearance/ valdiation post fail	nd	nd
SP850	ASET70353	7/01/2019	Compliant Stockpile	0.006	nd
SP851	ASET70353	7/01/2019	Compliant Stockpile	0.022	nd
SP852	ASET70353	7/01/2019	Compliant Stockpile	0.030	nd
SP853	ASET70353	7/01/2019	Compliant Stockpile	0.008	nd
SP854	ASET70353	7/01/2019	Compliant Stockpile	0.004	0.00008
SP855	ASET70353	7/01/2019	Compliant Stockpile	0.024	nd

SP856	ASET70353	7/01/2019	Compliant Stockpile	nd	nd
SP858	ASET70388	8/01/2019	Compliant Stockpile	0.034	nd
SP859	ASET70388	8/01/2019	Compliant Stockpile	0.029	nd
SP860	ASET70388	8/01/2019	Compliant Stockpile	0.013	nd
SP861	ASET70388	8/01/2019	Compliant Stockpile	nd	nd
SP862	ASET70388	8/01/2019	Compliant Stockpile	nd	nd
SP863	ASET70388	8/01/2019	Compliant Stockpile	nd	nd
SP864	ASET70388	8/01/2019	Compliant Stockpile	nd	nd
SP865	ASET70388	8/01/2019	Compliant Stockpile	0.014	nd
SP866	ASET70388	8/01/2019	Compliant Stockpile	nd	nd
SP867	ASET70388	8/01/2019	Compliant Stockpile	0.012	nd
SP868	ASET70388	8/01/2019	Compliant Stockpile	0.016	nd
SP866	ASET70388	8/01/2019	Compliant Stockpile	nd	nd
SP867	ASET70388	8/01/2019	Compliant Stockpile	0.012	nd
SP868	ASET70388	8/01/2019	Compliant Stockpile	0.016	nd
SP869	ASET70457	9/01/2019	Compliant Stockpile	nd	nd
SP869-A	ASET70457	9/01/2019	Intra lab duplicate	nd	nd
SP869-B	SE188060	9/01/2019	Inter lab duplicate	nd	nd
SP870	ASET70457	9/01/2019	Compliant Stockpile	0.031	nd
SP871	ASET70457	9/01/2019	Compliant Stockpile	0.003	nd
SP872	ASET70457	9/01/2019	Compliant Stockpile	0.023	nd
SP873	ASET70457	9/01/2019	Compliant Stockpile	0.022	nd
SP874	ASET70457	9/01/2019	Compliant Stockpile	nd	nd
SP875	ASET70457	9/01/2019	Compliant Stockpile	0.009	nd
SP876	ASET70494	10/01/2019	Compliant Stockpile	0.009	nd
SP877	ASET70494	10/01/2019	Compliant Stockpile	0.017	nd
SP878	ASET70494	10/01/2019	Compliant Stockpile	0.017	nd
SP879	ASET70494	10/01/2019	Compliant Stockpile	0.019	nd
SP880	ASET70494	10/01/2019	SP fail due to ACM. SP re-picked	0.109	nd
SP880-RP	--	23/01/2019	Compliant Stockpile	nd	--
SP881	ASET70494	10/01/2019	Compliant Stockpile	0.005	nd
SP882	ASET70494	10/01/2019	Compliant Stockpile	0.021	nd
SP883	ASET70494	10/01/2019	Compliant Stockpile	0.007	nd
SP884	ASET70494	10/01/2019	Compliant Stockpile	0.013	nd
SP885	ASET70494	10/01/2019	Compliant Stockpile	0.033	nd
SP886	ASET70494	10/01/2019	Compliant Stockpile	0.039	nd
SP887	ASET70494	10/01/2019	Compliant Stockpile	nd	nd
SP888	ASET70494	10/01/2019	SP fail due to ACM. SP re-picked	0.071	nd
Sp888-RP	--	11/01/2019	Compliant Stockpile	nd	--
SP889	ASET70494	10/01/2019	Compliant Stockpile	nd	nd
SP890	ASET70494	10/01/2019	SP fail due to ACM. SP re-picked	0.061	nd
SP890-RP	--	11/01/2019	Compliant Stockpile	nd	--
SP891	ASET70494	10/01/2019	Compliant Stockpile	nd	nd
SP892	ASET70494	10/01/2019	SP fail due to ACM. SP re-picked	0.069	0.00030
SP892-RP	--	11/01/2019	Compliant Stockpile	nd	--
SP893	ASET70494	10/01/2019	SP fail due to ACM. SP re-picked	0.074	0.00061
SP893-RP	--	11/01/2019	Compliant Stockpile	nd	--
SP894	ASET70494	10/01/2019	Compliant Stockpile	0.031	0.00002
SP895	ASET70494	10/01/2019	Compliant Stockpile	nd	0.00001
SP896	ASET70494	10/01/2019	SP fail due to ACM. SP re-picked	0.054	nd
SP896-RP	--	11/01/2019	Compliant Stockpile	nd	--
SP897	ASET70494	10/01/2019	Compliant Stockpile	nd	nd

SP897A	ASET70494	10/01/2019	Intra lab duplicate	nd	nd
SP898	ASET70494	10/01/2019	Compliant Stockpile	0.031	nd
SP899	ASET70494	10/01/2019	Compliant Stockpile	nd	nd
SP899A	ASET70494	10/01/2019	Intra lab duplicate	nd	nd
SP899B	SE188060	10/01/2019	Inter lab duplicate	nd	nd
SP900	ASET70493	10/01/2019	Compliant Stockpile	nd	nd
SP901	ASET70493	10/01/2019	Compliant Stockpile	nd	nd
SP902	ASET70493	10/01/2019	SP fail due to AF/FA. Removed for storage	nd	0.00134
SP902-FP	ASET71669	26/02/2019	Footprint clearance/ valdiation post fail	nd	nd
TP66-FP	ASET70494	10/01/2019	Bundwall Footprint Testing	nd	nd
TP66-FPA	ASET70494	10/01/2019	Intra lab duplicate	nd	nd
TP66-FPB	SE188060	10/01/2019	Inter lab duplicate	nd	nd
TP46-FP	ASET70494	10/01/2019	Bundwall Footprint Testing	nd	nd
SP903	ASET70547	11/01/2019	Compliant Stockpile	nd	nd
SP904	ASET70547	11/01/2019	SP fail due to AF/FA in Duplicate sample	nd	nd
SP904-A	ASET70547	11/01/2019	Intra lab duplicate	nd	nd
SP904-B	SE188060	11/01/2019	SP fail due to AF/FA in Duplicate sample	nd	0.00292
SP904-FP	ASET71669	26/02/2019	Footprint failed and rescraped	nd	0.00108
SP904-FP	ASET71849	5/03/2019	Footprint failed and rescraped	--	0.00218
SP904-FP-RT	ASET71965	8/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP905	ASET70547	11/01/2019	Compliant Stockpile	nd	nd
SP906	ASET70547	11/01/2019	Compliant Stockpile	nd	nd
SP907	ASET70547	11/01/2019	Compliant Stockpile	0.020	0.00006
SP908	ASET70547	11/01/2019	Compliant Stockpile	0.016	nd
SP909	ASET70547	11/01/2019	Compliant Stockpile	nd	nd
SP910	ASET70547	11/01/2019	Compliant Stockpile	nd	nd
SP911	ASET70587	14/01/2019	Compliant Stockpile	0.023	nd
SP911A	ASET70587	14/01/2019	Intra lab duplicate	nd	nd
SP911B	SE188060	14/01/2019	Inter lab duplicate	nd	nd
SP912	ASET70587	14/01/2019	Compliant Stockpile	0.015	nd
SP913	ASET70587	14/01/2019	Compliant Stockpile	nd	0.00002
SP914	ASET70587	14/01/2019	Compliant Stockpile	0.012	nd
SP915	ASET70587	14/01/2019	Compliant Stockpile	nd	nd
SP916	ASET70587	14/01/2019	Compliant Stockpile	nd	nd
SP917	ASET70587	14/01/2019	Compliant Stockpile	0.006	nd
SP918	ASET70623	15/01/2018	Compliant Stockpile	nd	nd
SP918A	ASET70623	15/01/2018	Intra lab duplicate	nd	nd
SP918B	SE188543	15/01/2018	Inter lab duplicate	nd	nd
SP919	ASET70623	15/01/2018	Compliant Stockpile	0.006	nd
SP920	ASET70623	15/01/2018	Compliant Stockpile	nd	nd
SP921	ASET70623	15/01/2018	Compliant Stockpile	0.009	nd
SP922	ASET70623	15/01/2018	Compliant Stockpile	nd	nd
SP923	ASET70623	15/01/2018	Compliant Stockpile	nd	nd
SP924	ASET70623	15/01/2018	Compliant Stockpile	nd	nd
SP925	ASET70623	15/01/2018	Compliant Stockpile	nd	nd
SP926	ASET70623	15/01/2018	Compliant Stockpile	nd	nd
SP927	ASET70623	15/01/2018	Compliant Stockpile	0.022	nd
SP928	ASET70623	15/01/2018	Compliant Stockpile	0.013	nd
SP929	ASET70623	15/01/2018	Compliant Stockpile	nd	nd
SP930	ASET70652	16/01/2019	Compliant Stockpile	0.002	nd
SP931	ASET70652	16/01/2019	Compliant Stockpile	nd	nd
SP932	ASET70652	16/01/2019	Compliant Stockpile	nd	nd

SP933	ASET70652	16/01/2019	Compliant Stockpile	0.009	nd
SP934	ASET70652	16/01/2019	Compliant Stockpile	nd	0.00006
SP935	ASET70652	16/01/2019	SP fail due to ACM. SP re-picked	0.052	nd
SP935-RP	ASET70791	23/01/2019	Sampling post additional remediation	0.002	--
SP936	ASET70652	16/01/2019	Compliant Stockpile	0.035	nd
SP937	ASET70652	16/01/2019	Compliant Stockpile	0.021	nd
SP938	ASET70652	16/01/2019	Compliant Stockpile	nd	0.00001
SP939	ASET70652	16/01/2019	Compliant Stockpile	0.010	nd
SP939A	ASET70652	16/01/2019	Intra lab duplicate	nd	nd
SP939B	SE188543	24/01/2019	Inter lab duplicate	nd	nd
SP940	ASET70649	17/01/2019	Compliant Stockpile	0.012	nd
SP940A	ASET70649	17/01/2019	Intra lab duplicate	nd	nd
SP940B	SE188543	24/01/2019	Inter lab duplicate	nd	nd
SP941	ASET70649	17/01/2019	Compliant Stockpile	0.004	nd
SP942	ASET70649	17/01/2019	Compliant Stockpile	nd	nd
SP943	ASET70649	17/01/2019	Compliant Stockpile	0.039	0.00068
SP944	ASET70649	17/01/2019	Compliant Stockpile	nd	nd
SP945	ASET70649	17/01/2019	Compliant Stockpile	0.004	nd
SP946	ASET70784	22/01/2019	SP fail due to AF/FA in Duplicate sample	nd	nd
SP946A	ASET70784	22/01/2019	Intra lab duplicate	nd	0.00174
SP946B	SE188543	24/01/2019	Inter lab duplicate	nd	0.00792
SP946FP	ASET70993	1/02/2019	Footprint failed and rescraped	--	0.00001
SP946-FP-RT	ASET71214	8/02/2019	Footprint clearance/ valdiation post fail	nd	nd
SP947	ASET70784	22/01/2019	Compliant Stockpile	0.018	nd
SP948	ASET70784	22/01/2019	Compliant Stockpile	0.040	nd
SP949	ASET70791	23/01/2019	Compliant Stockpile	0.012	nd
SP950	ASET70791	23/01/2019	Compliant Stockpile	0.007	nd
SP950A	ASET70791	23/01/2019	Intra lab duplicate	nd	nd
SP950B	SE188543	24/01/2019	Inter lab duplicate	nd	nd
SP951	ASET70791	23/01/2019	Compliant Stockpile	0.004	nd
SP952	ASET70791	23/01/2019	Compliant Stockpile	0.023	0.00002
SP953	ASET70791	23/01/2019	Compliant Stockpile	nd	nd
SP954	ASET70791	23/01/2019	Compliant Stockpile	0.021	nd
SP955	ASET70791	23/01/2019	SP fail due to ACM. SP re-picked	0.061	nd
SP955-RP	ASET71088	4/02/2019	Sampling post additional remediation	0.003	nd
SP956	ASET70791	23/01/2019	SP fail due to AF/FA. Removed for storage	nd	0.00195
SP956FP	ASET70993	1/02/2019	Footprint failed and rescraped	--	0.00467
SP956FP-RT	ASET71214	8/02/2019	Footprint clearance/ valdiation post fail	nd	nd
SP957	ASET70791	23/01/2019	Compliant Stockpile	0.016	0.00009
SP958	ASET70791	23/01/2019	Compliant Stockpile	0.029	nd
SP959	ASET70791	23/01/2019	Compliant Stockpile	0.015	nd
SP960	ASET70791	23/01/2019	Compliant Stockpile	0.005	nd
SP961	ASET70791	23/01/2019	Compliant Stockpile	0.036	nd
SP962	ASET70791	23/01/2019	Compliant Stockpile	nd	nd
SP963	ASET70857	24/01/2019	Compliant Stockpile	0.005	0.00006
SP964	ASET70857	24/01/2019	Compliant Stockpile	nd	0.00006
SP965	ASET70857	24/01/2019	SP fail due to AF/FA. Removed for storage	0.010	0.00573
SP965-FP	ASET71130	5/02/2019	Footprint clearance/ valdiation post fail	nd	nd
SP966	ASET70857	24/01/2019	Compliant Stockpile	0.025	nd
SP967	ASET70857	24/01/2019	Compliant Stockpile	nd	0.00040
SP968	ASET70857	24/01/2019	SP fail due to AF/FA in Duplicate sample	0.047	0.00002
SP968A	ASET70857	24/01/2019	Intra lab duplicate	nd	0.00030

SP968B	SE188543	24/01/2019	Inter lab duplicate	nd	0.00751
SP968FP	--	5/02/2019	Footprint clearance/ valdiation post fail	VF	nd
SP968-FP-RT	ASET71178	6/02/2019	Footprint clearance/ valdiation post fail	nd	nd
SP969	ASET70857	24/01/2019	Compliant Stockpile	0.014	0.00009
SP970	ASET70857	24/01/2019	SP fail due to AF/FA. Removed for storage	0.004	0.00105
SP970-FP	ASET71130	5/02/2019	Footprint clearance/ valdiation post fail	nd	nd
SP971	ASET70857	24/01/2019	Compliant Stockpile	0.010	nd
SP972	ASET70893	25/01/2019	Compliant Stockpile	0.032	nd
SP972A	ASET70893	25/01/2019	Intra lab duplicate	nd	0.00000
SP973	ASET70893	25/01/2019	Compliant Stockpile	nd	nd
SP974	ASET70893	25/01/2019	Compliant Stockpile	nd	nd
SP975	ASET70893	25/01/2019	Compliant Stockpile	0.018	nd
SP976	ASET70893	25/01/2019	SP fail due to AF/FA. Removed for storage	0.008	0.00207
SP976-FP	ASET71130	5/02/2019	Footprint clearance/ valdiation post fail	nd	nd
SP977	ASET70893	25/01/2019	Compliant Stockpile	0.003	nd
SP978	ASET70893	25/01/2019	Compliant Stockpile	nd	nd
SP979	ASET70893	25/01/2019	Compliant Stockpile	0.004	nd
SP980	ASET70893	25/01/2019	Compliant Stockpile	0.031	nd
SP981	ASET70893	25/01/2019	Compliant Stockpile	0.006	nd
SP982	ASET70893	25/01/2019	Compliant Stockpile	0.008	nd
SP982A	ASET70893	25/01/2019	Intra lab duplicate	nd	nd
SP983	ASET70893	25/01/2019	Compliant Stockpile	0.031	nd
SP984	ASET70893	25/01/2019	Compliant Stockpile	0.031	nd
SP985	ASET70893	25/01/2019	SP fail due to ACM. SP re-picked	0.055	nd
SP985-RP	--	30/01/2019	Compliant Stockpile	--	nd
SP986	ASET70893	25/01/2019	SP fail due to ACM. SP re-picked	0.057	nd
SP986-RP	--	30/01/2019	Compliant Stockpile	--	nd
SP987	ASET70893	25/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP987-RP	--	30/01/2019	Compliant Stockpile	--	nd
SP988	ASET70893	25/01/2019	Compliant Stockpile	0.031	nd
SP989	ASET70893	25/01/2019	Compliant Stockpile	0.016	nd
SP990	ASET70936	30/01/2019	Compliant Stockpile	nd	nd
SP991	ASET70936	30/01/2019	Compliant Stockpile	nd	nd
SP992	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP992-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP993	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP993-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP994	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP994-RP	--	31/01/2019	Compliant Stockpile	--	--
SP995	ASET70936	30/01/2019	Compliant Stockpile	0.027	nd
SP996	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP996-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP997	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP997-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP998	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP998-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP999	ASET70936	30/01/2019	Compliant Stockpile	0.013	nd
SP1000	ASET70936	30/01/2019	Compliant Stockpile	0.017	nd
SP1001	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1001-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP1002	ASET70936	30/01/2019	Compliant Stockpile	0.003	nd
SP1003	ASET70936	30/01/2019	Compliant Stockpile	0.016	nd
SP1004	ASET70936	30/01/2019	Compliant Stockpile	0.019	nd
SP1005	ASET70936	30/01/2019	Compliant Stockpile	nd	nd
SP1006	ASET70936	30/01/2019	Compliant Stockpile	0.006	nd
SP1007	ASET70936	30/01/2019	Compliant Stockpile	0.019	nd

SP1008	ASET70936	30/01/2019	Compliant Stockpile	nd	nd
SP1009	ASET70936	30/01/2019	Compliant Stockpile	nd	nd
SP1010	ASET70936	30/01/2019	Compliant Stockpile	0.011	nd
SP1011	ASET70936	30/01/2019	Compliant Stockpile	nd	nd
SP1012	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1012-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP1013	ASET70936	30/01/2019	Compliant Stockpile	0.029	nd
SP1014	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1014-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP1015	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1015-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP1016	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1016-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP1017	ASET70936	30/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1017-RP	--	31/01/2019	Compliant Stockpile	--	nd
SP1018	ASET70936	30/01/2019	Compliant Stockpile	0.009	nd
SP1019	ASET71001	31/01/2019	SP fail due to AF/FA. Removed for storage	VF	0.00142
SP1019A	ASET71001	31/01/2019	Intra lab duplicate	VF	nd
SP1019-FP	ASET71669	26/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP1020	ASET71001	31/01/2019	Compliant Stockpile	0.048	nd
SP1021	ASET71001	31/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1021-RP	--	1/02/2019	Compliant Stockpile	--	nd
SP1022	ASET71001	31/01/2019	Compliant Stockpile	0.030	nd
SP1023	ASET71001	31/01/2019	Compliant Stockpile	0.016	nd
SP1024	ASET71001	31/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1024-RP	--	1/02/2019	Compliant Stockpile	--	nd
SP1025	ASET71001	31/01/2019	Compliant Stockpile	0.025	nd
SP1026	ASET71178	6/02/2019	Compliant Stockpile	nd	nd
SP1027	ASET71001	31/01/2019	Compliant Stockpile	0.015	nd
SP1028	ASET71001	31/01/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1028-RP	--	1/02/2019	Compliant Stockpile	--	nd
SP1029	ASET71001	31/01/2019	Compliant Stockpile	0.017	nd
SP1030	ASET71001	31/01/2019	Compliant Stockpile	nd	nd
SP1030A	ASET71001	31/01/2019	Intra lab duplicate	--	nd
SP1031	ASET70993	1/02/2019	Compliant Stockpile	nd	0.00010
SP1031A	ASET70993	1/02/2019	Intra lab duplicate	--	0.00020
SP1032	ASET70993	1/02/2019	Compliant Stockpile	0.006	0.00015
SP1033	ASET70993	1/02/2019	Compliant Stockpile	nd	0.00001
SP1034	ASET70993	1/02/2019	Compliant Stockpile	0.005	0.00018
SP1035	ASET70993	1/02/2019	Compliant Stockpile	0.005	nd
SP1036	ASET70993	1/02/2019	Compliant Stockpile	0.010	nd
SP1037	ASET70993	1/02/2019	Compliant Stockpile	0.013	0.00018
SP1038	ASET70993	1/02/2019	Compliant Stockpile	nd	0.00012
SP1039	ASET70993	1/02/2019	Compliant Stockpile	nd	0.00063
SP1040	ASET70993	1/02/2019	Compliant Stockpile	0.013	nd
SP1041	ASET70993	1/02/2019	Compliant Stockpile	0.006	0.00014
SP1042	ASET70993	1/02/2019	Compliant Stockpile	0.004	nd
SP1043	ASET70993	1/02/2019	Compliant Stockpile	nd	0.00001
SP1044	ASET70993	1/02/2019	Compliant Stockpile	nd	nd
SP1044A	ASET70993	1/02/2019	Intra lab duplicate	--	0.00002
SP1045	ASET70993	1/02/2019	Compliant Stockpile	nd	0.00002
SP1045A	ASET70993	1/02/2019	Intra lab duplicate	nd	0.00002
SP1046	ASET71088	4/02/2019	Compliant Stockpile	nd	nd
SP1047	ASET71088	4/02/2019	Compliant Stockpile	nd	nd
SP1048	ASET71088	4/02/2019	Compliant Stockpile	0.028	nd
SP1049	ASET71088	4/02/2019	Compliant Stockpile	0.010	nd

SP1050	ASET71088	4/02/2019	Compliant Stockpile	nd	nd
SP1050-A	ASET71088	4/02/2019	Intra lab duplicate	nd	nd
SP1051	ASET71088	4/02/2019	Compliant Stockpile	0.002	nd
SP1052	ASET71088	4/02/2019	Compliant Stockpile	0.014	nd
SP1053	ASET71088	4/02/2019	Compliant Stockpile	0.040	nd
SP1054	ASET71088	4/02/2019	Compliant Stockpile	0.020	nd
SP1055	ASET71088	4/02/2019	Compliant Stockpile	0.011	nd
SP1056	ASET71088	4/02/2019	Compliant Stockpile	nd	nd
SP1057	ASET71088	4/02/2019	Compliant Stockpile	0.024	nd
SP1058	ASET71088	4/02/2019	Compliant Stockpile	0.042	nd
SP1058-A	ASET71088	4/02/2019	Intra lab duplicate	nd	nd
SP1059	ASET71088	4/02/2019	Compliant Stockpile	nd	nd
SP1061	ASET71088	4/02/2019	Compliant Stockpile	0.001	nd
SP1062	ASET71088	4/02/2019	Compliant Stockpile	0.014	nd
SP1063	ASET71088	4/02/2019	Compliant Stockpile	0.007	nd
SP1064	ASET71088	4/02/2019	Compliant Stockpile	0.008	nd
TP65-FP	ASET71189	6/02/2019	Compliant Stockpile	nd	nd
TP45-FP	ASET71189	6/02/2019	Compliant Stockpile	nd	nd
TP64-FP	ASET71189	6/02/2019	Compliant Stockpile	nd	nd
TP44-FP	ASET71189	6/02/2019	Compliant Stockpile	nd	nd
TP43-FP	ASET71189	6/02/2019	Compliant Stockpile	nd	nd
TP43-FP-A	ASET71189	6/02/2019	Intra lab duplicate	nd	nd
SP1065	ASET71130	5/02/2019	Compliant Stockpile	nd	nd
SP1065-A	ASET71130	5/02/2019	Intra lab duplicate	nd	nd
SP1066	ASET71130	5/02/2019	Compliant Stockpile	0.025	nd
SP1067	ASET71130	5/02/2019	Compliant Stockpile	0.017	0.00030
SP1068	ASET71130	5/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1068-RP	--	6/02/2019	Compliant Stockpile	--	nd
SP1069	ASET71130	5/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1069-RP	--	6/02/2019	Compliant Stockpile	--	nd
SP1070	ASET71130	5/02/2019	Compliant Stockpile	0.038	nd
SP1071	ASET71130	5/02/2019	Compliant Stockpile	nd	nd
SP1072	ASET71130	5/02/2019	Compliant Stockpile	0.046	nd
SP1074	ASET71130	5/02/2019	Compliant Stockpile	0.022	nd
SP1075	ASET71130	5/02/2019	SP fail due to AF/FA. Removed for storage	0.021	0.00183
SP1075-FP	ASET71460	19/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP1076	ASET71130	5/02/2019	Compliant Stockpile	0.007	nd
SP1077	ASET71130	5/02/2019	Compliant Stockpile	0.005	nd
SP1078	ASET71130	5/02/2019	Compliant Stockpile	0.037	nd
SP1079	ASET71130	5/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1079-RP	--	6/02/2019	Compliant Stockpile	--	nd
SP1080	ASET71130	5/02/2019	Compliant Stockpile	0.012	nd
SP1081	ASET71130	5/02/2019	Compliant Stockpile	0.023	nd
SP1082	ASET71130	5/02/2019	Compliant Stockpile	0.014	nd
SP1083	ASET71130	5/02/2019	Compliant Stockpile	0.034	nd
SP1084	ASET71130	5/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1084-RP	--	6/02/2019	Compliant Stockpile	--	nd
SP1085	ASET71130	5/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1085RP	ASET71387	15/02/2019	Sampling post additional remediation	0.007	--
SP1086	ASET71130	5/02/2019	SP fail due to ACM. SP re-picked	VF	nd
Sp1086-RP	--	6/02/2019	Compliant Stockpile	--	nd
SP1087	ASET71130	5/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1087-RP	--	6/02/2019	Compliant Stockpile	--	nd
SP1088	ASET71178	6/02/2019	Compliant Stockpile	nd	nd
SP1089	ASET71178	6/02/2019	Compliant Stockpile	0.036	nd
SP1090	ASET71178	6/02/2019	Compliant Stockpile	0.007	nd

SP1091	ASET71178	6/02/2019	Compliant Stockpile	nd	nd
SP1092	ASET71178	6/02/2019	SP fail due to ACM. SP re-picked	0.050	nd
SP1092RP	ASET71387	15/02/2019	Sampling post additional remediation	0.041	--
SP1093	ASET71178	6/02/2019	Compliant Stockpile	0.037	0.00014
SP1094	ASET71178	6/02/2019	Compliant Stockpile	nd	nd
SP1095	ASET71178	6/02/2019	Compliant Stockpile	0.048	nd
SP1096	ASET71178	6/02/2019	SP fail due to ACM. SP re-picked	0.072	nd
SP1096-RP	--	7/02/2019	Compliant Stockpile	--	nd
SP1097	ASET71178	6/02/2019	Compliant Stockpile	0.022	nd
SP1098	ASET71178	6/02/2019	Compliant Stockpile	0.046	nd
SP1099	ASET71178	6/02/2019	Compliant Stockpile	0.010	nd
SP1100	ASET71178	6/02/2019	Compliant Stockpile	0.015	nd
SP1100A	ASET71178	6/02/2019	Intra lab duplicate	--	nd
SP1101	ASET71178	6/02/2019	Compliant Stockpile	nd	nd
SP1102	ASET71178	6/02/2019	Compliant Stockpile	0.019	nd
SP1103	ASET71178	6/02/2019	SP fail due to AF/FA. Removed for storage	0.008	0.00127
SP1103-FP	ASET71385	15/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP1104	ASET71178	6/02/2019	SP fail due to AF/FA. Removed for storage	0.015	0.00249
SP1104-FP	ASET71385	15/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP1105	ASET71178	6/02/2019	SP fail due to AF/FA. Removed for storage	0.008	0.00169
SP1105-FP	ASET71385	15/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP1106	ASET71178	6/02/2019	Compliant Stockpile	0.003	nd
SP1106A	ASET71178	6/02/2019	Intra lab duplicate	--	nd
SP1107	ASET71178	6/02/2019	Compliant Stockpile	0.009	nd
SP1108	ASET71178	6/02/2019	Compliant Stockpile	0.013	nd
SP1109	ASET71178	6/02/2019	Compliant Stockpile	0.019	0.00013
SP1109A	ASET71178	6/02/2019	Intra lab duplicate	--	0.00062
SP1110	ASET71302	11/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1110A	ASET71302	11/02/2019	Intra lab duplicate	VF	nd
SP1110-RP	--	12/02/2019	Compliant Stockpile	--	nd
SP1111	ASET71302	11/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1111-RP	--	12/02/2019	Compliant Stockpile	--	nd
SP1112	ASET71302	11/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1112-RP	--	12/02/2019	Compliant Stockpile	--	nd
SP1113	ASET71302	11/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1113-RP	--	12/02/2019	Compliant Stockpile	--	nd
SP1114	ASET71302	11/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1114-RP	--	12/02/2019	Compliant Stockpile	--	nd
SP1115	ASET71300	12/02/2019	Compliant Stockpile	0.017	nd
SP1116	ASET71300	12/02/2019	Compliant Stockpile	--	nd
SP1117	ASET71300	12/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1117-RP	--	12/02/2019	Compliant Stockpile	--	nd
SP1118	ASET71300	12/02/2019	Compliant Stockpile	0.017	nd
SP1119	ASET71300	12/02/2019	Compliant Stockpile	nd	nd
SP1120	ASET71300	12/02/2019	Compliant Stockpile	nd	nd
SP1120A	ASET71300	12/02/2019	Intra lab duplicate	nd	nd
SP1121	ASET71300	12/02/2019	Compliant Stockpile	0.015	nd
SP1122	ASET71300	12/02/2019	Compliant Stockpile	0.044	nd
SP1123	ASET71300	12/02/2019	Compliant Stockpile	--	nd
SP1124	ASET71300	12/02/2019	Compliant Stockpile	0.023	nd
SP1124B	SE189193	12/02/2019	Inter lab duplicate	--	nd
SP1125	ASET71300	12/02/2019	Compliant Stockpile	0.018	nd
SP1126	ASET71300	12/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1126-RP	--	13/02/2019	Compliant Stockpile	--	nd
SP1127	ASET71300	12/02/2019	Compliant Stockpile	0.016	nd
SP1128	ASET71300	12/02/2019	Compliant Stockpile	nd	nd

SP1129	ASET71300	12/02/2019	Compliant Stockpile	0.020	nd
SP1130	ASET71300	12/02/2019	SP fail due to AF/FA. Removed for storage	0.003	0.00250
SP1130A	ASET71300	12/02/2019	Intra lab duplicate	--	0.00002
SP1130B	SE189193	12/02/2019	Inter lab duplicate	--	0.00378
SP1130-FP	ASET71536	21/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP1131	ASET71300	12/02/2019	Compliant Stockpile	0.008	nd
SP1132	ASET71300	12/02/2019	Compliant Stockpile	nd	nd
SP1133	ASET71300	12/02/2019	Compliant Stockpile	0.050	nd
SP1134	ASET71300	12/02/2019	Compliant Stockpile	nd	nd
SP1135	ASET71300	12/02/2019	Compliant Stockpile	nd	0.00020
SP1136	ASET71300	12/02/2019	Compliant Stockpile	nd	nd
SP1137	ASET71300	12/02/2019	Compliant Stockpile	nd	nd
SP1138	ASET71300	12/02/2019	Compliant Stockpile	0.014	nd
SP1139	ASET71300	12/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1139-RP	--	13/02/2019	Compliant Stockpile	--	nd
SP1140	ASET71300	12/02/2019	Compliant Stockpile	nd	nd
SP1140A	ASET71300	12/02/2019	Intra lab duplicate	--	nd
SP1140B	SE189193	12/02/2019	Inter lab duplicate	--	nd
SP1141	ASET71300	12/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1141-RP	--	13/02/2019	Compliant Stockpile	--	nd
SP1142	ASET71300	12/02/2019	Compliant Stockpile	0.002	nd
SP1143	ASET71300	12/02/2019	Compliant Stockpile	0.013	nd
SP1144	ASET71300	12/02/2019	Compliant Stockpile	nd	nd
SP1145	ASET71335	13/02/2019	Compliant Stockpile	nd	nd
SP1146	ASET71335	13/02/2019	Compliant Stockpile	0.013	nd
SP1147	ASET71335	13/02/2019	Compliant Stockpile	nd	nd
SP1148	ASET71335	13/02/2019	Compliant Stockpile	nd	nd
SP1149	ASET71335	13/02/2019	Compliant Stockpile	nd	nd
SP1150	ASET71335	13/02/2019	Compliant Stockpile	0.003	nd
SP1151	ASET71335	13/02/2019	Compliant Stockpile	0.015	nd
SP1152	ASET71335	13/02/2019	Compliant Stockpile	0.006	nd
SP1153	ASET71335	13/02/2019	Compliant Stockpile	0.007	nd
SP1154	ASET71335	13/02/2019	SP fail due to AF/FA. Removed for storage	nd	0.00102
SP1154A	ASET71335	13/02/2019	Intra lab duplicate	nd	nd
SP1154-FP	ASET71650	22/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP1155	ASET71335	13/02/2019	Compliant Stockpile	nd	nd
SP1156	ASET71335	13/02/2019	Compliant Stockpile	nd	0.00021
SP1157	ASET71335	13/02/2019	Compliant Stockpile	nd	nd
SP1158	ASET71335	13/02/2019	Compliant Stockpile	nd	nd
SP1159	ASET71335	13/02/2019	Compliant Stockpile	nd	nd
SP1160	ASET71335	13/02/2019	Compliant Stockpile	nd	nd
SP1161	ASET71335	13/02/2019	Compliant Stockpile	nd	nd
SP1162	ASET71391	14/02/2019	SP fail due to AF/FA. Removed for storage	0.031	0.00184
SP1162FP	ASET71650	22/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP1163	ASET71391	14/02/2019	Compliant Stockpile	nd	nd
SP1164	ASET71391	14/02/2019	Compliant Stockpile	nd	nd
SP1165	ASET71391	14/02/2019	Compliant Stockpile	nd	nd
SP1166	ASET71391	14/02/2019	Compliant Stockpile	0.005	nd
SP1167	ASET71391	14/02/2019	Compliant Stockpile	nd	nd
SP1168	ASET71391	14/02/2019	Compliant Stockpile	0.026	nd
SP1169	ASET71391	14/02/2019	Compliant Stockpile	nd	nd
SP1170	ASET71391	14/02/2019	Compliant Stockpile	0.013	nd
SP1171	ASET71387	15/02/2019	Compliant Stockpile	nd	0.00003
SP1172	ASET71387	15/02/2019	Compliant Stockpile	nd	nd
SP1173	ASET71387	15/02/2019	SP fail due to AF/FA. Removed for storage	nd	0.00240
SP1173FP	ASET71650	22/02/2019	Footprint clearance/ valdiation post fail	--	nd

SP1174	ASET71387	15/02/2019	Compliant Stockpile	nd	0.00039
SP1175	ASET71387	15/02/2019	Compliant Stockpile	nd	0.00002
SP1176	ASET71461	18/02/2019	Compliant Stockpile	nd	nd
SP1176A	ASET71461	18/02/2019	Intra lab duplicate	nd	nd
SP1177	ASET71461	18/02/2019	Compliant Stockpile	nd	nd
SP1178	ASET71461	18/02/2019	Compliant Stockpile	0.004	nd
SP1179	ASET71461	18/02/2019	Compliant Stockpile	0.009	nd
SP1180	ASET71461	18/02/2019	Compliant Stockpile	nd	0.00002
SP1181	ASET71461	18/02/2019	Compliant Stockpile	0.010	nd
SP1182	ASET71461	18/02/2019	Compliant Stockpile	nd	nd
SP1183	ASET71461	18/02/2019	SP fail due to AF/FA. Removed for storage	nd	0.00196
SP1183FP	ASET71650	22/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP1184	ASET71461	18/02/2019	Compliant Stockpile	0.009	nd
SP1185	ASET71457	19/02/2019	Compliant Stockpile	0.031	nd
SP1186	ASET71457	19/02/2019	Compliant Stockpile	0.004	nd
SP1187	ASET71457	19/02/2019	Compliant Stockpile	0.047	nd
SP1188	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1189	ASET71457	19/02/2019	SP fail due to AF/FA. Removed for storage	0.010	0.00765
SP1189FP	ASET71650	22/02/2019	Footprint clearance/ valdiation post fail	--	nd
SP1189FP-A	ASET71650	22/02/2019	Intra lab duplicate	--	nd
SP1190	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1191	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1192	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1193	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1194	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1195	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1196	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1197	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1198	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1199	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1200	ASET71457	19/02/2019	Compliant Stockpile	nd	nd
SP1201	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1201A	ASET71537	20/02/2019	Intra lab duplicate	nd	nd
SP1202	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1203	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1204	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1205	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1206	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1207	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1208	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1209	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1210	ASET71537	20/02/2019	Compliant Stockpile	0.021	0.00002
SP1211	ASET71537	20/02/2019	Compliant Stockpile	0.008	nd
SP1212	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1213	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1214	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1215	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1216	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1217	ASET71537	20/02/2019	Compliant Stockpile	0.007	nd
SP1218	ASET71537	20/02/2019	Compliant Stockpile	nd	nd
SP1219	ASET71537	20/02/2019	Compliant Stockpile	0.026	nd
SP1220	ASET71539	21/02/2019	SP fail due to AF/FA. Removed for storage	0.003	0.00209
SP1220-FP	ASET71849	5/03/2019	Footprint clearance/ valdiation post fail	--	nd
SP1221	ASET71539	21/02/2019	SP fail due to AF/FA. Removed for storage	0.008	0.00164
SP1221-FP	ASET71849	5/03/2019	Footprint clearance/ valdiation post fail	--	nd
SP1222	ASET71539	21/02/2019	Compliant Stockpile	nd	0.00057

SP1223	ASET71539	21/02/2019	Compliant Stockpile	nd	0.00032
SP1224	ASET71539	21/02/2019	Compliant Stockpile	0.009	0.00002
SP1225	ASET71539	21/02/2019	Compliant Stockpile	0.013	0.00002
SP1226	ASET71539	21/02/2019	Compliant Stockpile	0.009	nd
SP1227	ASET71539	21/02/2019	Compliant Stockpile	0.005	nd
SP1228	ASET71539	21/02/2019	SP fail due to ACM. SP re-picked	VF	0.00077
SP1228A	ASET71539	21/02/2019	Intra lab duplicate	nd	nd
SP1228-RP	--	22/02/2019	Compliant Stockpile	--	nd
SP1229	ASET71539	21/02/2019	Compliant Stockpile	0.004	0.00002
SP1230	ASET71539	21/02/2019	SP fail due to AF/FA in Duplicate sample	nd	0.00046
SP1230A	ASET71539	21/02/2019	Intra lab duplicate	nd	0.00319
SP1230FP	ASET71966	11/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP1231	ASET71539	21/02/2019	Compliant Stockpile	0.032	nd
SP1232	ASET71539	21/02/2019	Compliant Stockpile	0.013	0.00018
SP1233	ASET71539	21/02/2019	Compliant Stockpile	nd	nd
SP1234	ASET71539	21/02/2019	Compliant Stockpile	0.008	0.00002
SP1235	ASET71539	21/02/2019	Compliant Stockpile	nd	nd
SP1236	ASET71539	21/02/2019	Compliant Stockpile	0.023	nd
SP1237	ASET71539	21/02/2019	Compliant Stockpile	0.024	nd
SP1238	ASET71539	21/02/2019	Compliant Stockpile	0.006	nd
SP1239	ASET71631	22/02/2019	Compliant Stockpile	0.031	nd
SP1240	ASET71631	22/02/2019	Compliant Stockpile	0.025	nd
SP1241	ASET71631	22/02/2019	Compliant Stockpile	0.023	nd
SP1242	ASET71631	22/02/2019	Compliant Stockpile	0.023	nd
SP1243	ASET71631	22/02/2019	Compliant Stockpile	nd	nd
SP1244	ASET71631	22/02/2019	Compliant Stockpile	0.040	nd
SP1245	ASET71631	22/02/2019	Compliant Stockpile	nd	nd
SP1246	ASET71631	22/02/2019	Compliant Stockpile	0.005	nd
SP1247	ASET71631	22/02/2019	Compliant Stockpile	nd	nd
SP1248	ASET71631	22/02/2019	Compliant Stockpile	0.008	nd
SP1249	ASET71631	22/02/2019	Compliant Stockpile	0.023	nd
SP1250	ASET71631	22/02/2019	Compliant Stockpile	0.003	nd
SP1251	ASET71631	22/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1251-RP	--	25/02/2019	Compliant Stockpile	--	nd
SP1252	ASET71631	22/02/2019	Compliant Stockpile	0.007	nd
SP1253	ASET71631	22/02/2019	Compliant Stockpile	nd	nd
SP1254	ASET71631	22/02/2019	Compliant Stockpile	nd	nd
SP1255	ASET71631	22/02/2019	Compliant Stockpile	nd	nd
SP1256	ASET71631	22/02/2019	Compliant Stockpile	0.037	nd
SP1257	ASET71631	22/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1257-RP	--	25/02/2019	Compliant Stockpile	--	nd
SP1258	ASET71631	22/02/2019	Compliant Stockpile	0.002	nd
SP1259	ASET71631	22/02/2019	Compliant Stockpile	0.044	nd
SP1260	ASET71631	22/02/2019	Compliant Stockpile	0.015	0.00002
SP1261	ASET71631	22/02/2019	Compliant Stockpile	0.009	nd
SP1262	ASET71631	22/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1262-RP	--	25/02/2019	Compliant Stockpile	--	nd
SP1263	ASET71631	22/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1263-RP	--	25/02/2019	Compliant Stockpile	--	nd
SP1264	ASET71631	22/02/2019	Compliant Stockpile	nd	nd
SP1265	ASET71631	22/02/2019	Compliant Stockpile	0.030	nd
SP1266	ASET71631	22/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1266A	ASET71631	22/02/2019	Intra lab duplicate	VF	nd
SP1266-RP	--	25/02/2019	Compliant Stockpile	--	nd
SP1267	ASET71631	22/02/2019	Compliant Stockpile	0.005	nd
SP1268	ASET71631	22/02/2019	Compliant Stockpile	nd	nd

SP1269	ASET71631	22/02/2019	Compliant Stockpile	nd	nd
SP1270	ASET71631	22/02/2019	Compliant Stockpile	0.048	nd
SP1271	ASET71631	22/02/2019	SP fail due to AF/FA. Removed for storage	0.003	0.00410
SP1271FP	ASET71997	11/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP1272	ASET71631	22/02/2019	SP fail due to AF/FA. Removed for storage	nd	0.00588
SP1272A	ASET71631	22/02/2019	Intra lab duplicate	nd	nd
SP1272-FP	ASET71849	5/03/2019	Footprint clearance/ valdiation post fail	--	nd
SP1273	ASET71631	22/02/2019	Compliant Stockpile	0.013	nd
SP1274	ASET71631	22/02/2019	Compliant Stockpile	0.006	0.00001
SP1275	ASET71631	22/02/2019	Compliant Stockpile	0.041	nd
SP1276	ASET71642	25/02/2019	Compliant Stockpile	nd	nd
SP1277	ASET71642	25/02/2019	Compliant Stockpile	0.015	0.00004
SP1278	ASET71642	25/02/2019	Compliant Stockpile	0.017	0.00001
SP1279	ASET71642	25/02/2019	Compliant Stockpile	nd	0.00001
SP1280	ASET71642	25/02/2019	Compliant Stockpile	nd	0.00003
SP1280A	ASET71642	25/02/2019	Intra lab duplicate	--	nd
SP1281	ASET71642	25/02/2019	Compliant Stockpile	0.008	0.00002
SP1282	ASET71642	25/02/2019	Compliant Stockpile	nd	nd
SP1283	ASET71642	25/02/2019	Compliant Stockpile	nd	0.00001
SP1284	ASET71642	25/02/2019	SP fail due to ACM. SP re-picked	VF	0.00004
SP1284-RP	--	26/02/2019	Compliant Stockpile	--	nd
SP1285	ASET71642	25/02/2019	Compliant Stockpile	nd	0.00001
SP1286	ASET71642	25/02/2019	Compliant Stockpile	--	nd
SP1287	ASET71642	25/02/2019	SP fail due to ACM. SP re-picked	0.054	nd
SP1287-RP	--	26/02/2019	Compliant Stockpile	--	nd
SP1288	ASET71642	25/02/2019	Compliant Stockpile	0.017	0.00009
SP1289	ASET71642	25/02/2019	Compliant Stockpile	0.035	0.00001
SP1290	ASET71642	25/02/2019	Compliant Stockpile	0.008	0.00023
SP1290A	ASET71642	25/02/2019	Intra lab duplicate	nd	nd
SP1291	ASET71642	25/02/2019	Compliant Stockpile	0.019	nd
SP1292	ASET71642	25/02/2019	Compliant Stockpile	0.006	nd
SP1293	ASET71642	25/02/2019	Compliant Stockpile	0.015	nd
SP1294	ASET71642	25/02/2019	Compliant Stockpile	0.006	nd
SP1295	ASET71642	25/02/2019	Compliant Stockpile	nd	nd
SP1296	ASET71642	25/02/2019	Compliant Stockpile	0.041	nd
SP1297	ASET71642	25/02/2019	Compliant Stockpile	0.008	nd
SP1298	ASET71670	26/02/2019	SP fail due to AF/FA. Removed for storage	0.002	0.00146
SP1298-FP	ASET71925	7/03/2019	Footprint failed and rescraped	--	0.00011
SP1298-FP-RT	ASET72035	12/03/2019	Footprint failed and rescraped	nd	0.00001
SP1298-FP-RT2	ASET72246	21/03/2019	Footprint failed and rescraped	nd	0.01949
SP1298-FP-RT3	ASET72378	26/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP1299	ASET71670	26/02/2019	Compliant Stockpile	0.004	nd
SP1300	ASET71670	26/02/2019	Compliant Stockpile	0.004	nd
SP1301	ASET71670	26/02/2019	Compliant Stockpile	0.022	nd
SP1302	ASET71670	26/02/2019	Compliant Stockpile	0.006	nd
SP1303	ASET71670	26/02/2019	Compliant Stockpile	nd	0.00021
SP1304	ASET71670	26/02/2019	Compliant Stockpile	nd	nd
SP1305	ASET71670	26/02/2019	Compliant Stockpile	nd	nd
SP1306	ASET71670	26/02/2019	Compliant Stockpile	0.012	nd
SP1307	ASET71670	26/02/2019	Compliant Stockpile	0.018	nd
SP1308	ASET71670	26/02/2019	Compliant Stockpile	nd	nd
SP1309	ASET71670	26/02/2019	Compliant Stockpile	0.005	nd
SP1310	ASET71670	26/02/2019	Compliant Stockpile	0.030	nd
SP1311	ASET71670	26/02/2019	Compliant Stockpile	nd	0.00042
SP1312	ASET71670	26/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1312-RP	--	27/02/2019	Compliant Stockpile	--	nd

SP1313	ASET71670	26/02/2019	Compliant Stockpile	0.005	nd
SP1314	ASET71670	26/02/2019	Compliant Stockpile	0.046	nd
SP1315	ASET71670	26/02/2019	Compliant Stockpile	0.012	nd
SP1316	ASET71670	26/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1316RP	--	5/02/2019	Compliant Stockpile	--	nd
SP1317	ASET71670	26/02/2019	Compliant Stockpile	0.002	nd
SP1318	ASET71670	26/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1318RP	--	5/02/2019	Compliant Stockpile	--	nd
SP1319	ASET71670	26/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1319PR	--	5/02/2019	Compliant Stockpile	--	nd
SP1320	ASET71670	26/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1320RP	--	8/03/2019	SP failed initial repick	VF	nd
SP1320RP2	--	11/03/2019	Compliant Stockpile	--	nd
SP1321	ASET71670	26/02/2019	Compliant Stockpile	0.039	nd
SP1322	ASET71670	26/02/2019	Compliant Stockpile	nd	nd
SP1322A	ASET71670	26/02/2019	Intra lab duplicate	nd	nd
SP1323	ASET71670	26/02/2019	Compliant Stockpile	0.028	nd
SP1324	ASET71670	26/02/2019	Compliant Stockpile	nd	nd
SP1324A	ASET71670	26/02/2019	Intra lab duplicate	nd	nd
SP1325	ASET71670	26/02/2019	Compliant Stockpile	nd	nd
SP1326	ASET71670	26/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1326-RP	--	27/02/2019	Compliant Stockpile	nd	nd
SP1327	ASET71670	26/02/2019	Compliant Stockpile	0.030	nd
SP1328	ASET71670	26/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1328RP	--	11/03/2019	Compliant Stockpile	nd	nd
SP1329	ASET71670	26/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1329-RP	--	8/03/2019	Compliant Stockpile	nd	nd
SP1330	ASET71689	27/02/2019	Compliant Stockpile	nd	nd
SP1330A	ASET71689	27/02/2019	Intra lab duplicate	nd	nd
SP1331	ASET71689	27/02/2019	Compliant Stockpile	0.026	nd
SP1332	ASET71689	27/02/2019	Compliant Stockpile	nd	nd
SP1333	ASET71689	27/02/2019	Compliant Stockpile	0.015	nd
SP1334	ASET71689	27/02/2019	Compliant Stockpile	nd	nd
SP1335	ASET71689	27/02/2019	Compliant Stockpile	nd	nd
SP1336	ASET71689	27/02/2019	Compliant Stockpile	nd	nd
SP1337	ASET71689	27/02/2019	Compliant Stockpile	0.011	0.00023
SP1337A	ASET71689	27/02/2019	Intra lab duplicate	nd	nd
SP1338	ASET71689	27/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1338-RP	--	5/03/2019	Compliant Stockpile	nd	nd
SP1339	ASET71689	27/02/2019	Compliant Stockpile	0.020	nd
SP1340	ASET71689	27/02/2019	Compliant Stockpile	0.004	nd
SP1341	ASET71689	27/02/2019	Compliant Stockpile	0.010	nd
SP1342	ASET71689	27/02/2019	SP fail due to ACM. SP re-picked	0.080	nd
SP1342-RP	--	5/03/2019	Compliant Stockpile	nd	nd
SP1343	ASET71689	27/02/2019	Compliant Stockpile	0.022	nd
SP1344	ASET71689	27/02/2019	Compliant Stockpile	nd	nd
SP1345	ASET71689	27/02/2019	Compliant Stockpile	0.019	nd
SP1346	ASET71689	27/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1346-RP	--	5/03/2019	Compliant Stockpile	nd	nd
SP1347	ASET71689	27/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1347-RP	--	5/03/2019	Compliant Stockpile	nd	nd
SP1348	ASET71689	27/02/2019	Compliant Stockpile	nd	nd
SP1349	ASET71689	27/02/2019	Compliant Stockpile	0.025	nd
SP1350	ASET71689	27/02/2019	Compliant Stockpile	nd	nd
SP1351	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1352	ASET71746	28/02/2019	SP fail due to AF/FA. Removed for storage	nd	0.00119

SP1352FP	ASET71997	11/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP1353	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1354	ASET71746	28/02/2019	Compliant Stockpile	0.014	nd
SP1355	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1356	ASET71746	28/02/2019	Compliant Stockpile	0.002	nd
SP1357	ASET71746	28/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1357-RP	--	1/03/2019	Compliant Stockpile	nd	nd
SP1358	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1359	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1359A	ASET71746	28/02/2019	Intra lab duplicate	nd	nd
SP1360	ASET71746	28/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1360-RP	--	1/03/2019	Compliant Stockpile	nd	nd
SP1361	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1362	ASET71746	28/02/2019	Compliant Stockpile	0.006	nd
SP1363	ASET71746	28/02/2019	SP fail due to AF/FA. Removed for storage	nd	0.00117
SP1363FP	ASET71997	11/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP1364	ASET71746	28/02/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1364-RP	--	1/03/2019	Compliant Stockpile	nd	nd
SP1365	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1366	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1367	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1368	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1369	ASET71746	28/02/2019	SP fail due to AF/FA. Removed for storage	VF	0.00126
SP1369FP	ASET71997	11/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP1370	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1370A	ASET71746	28/02/2019	Intra lab duplicate	nd	nd
SP1371	ASET71746	28/02/2019	Compliant Stockpile	nd	nd
SP1372	ASET71746	28/02/2019	Compliant Stockpile	0.025	nd
SP1373	ASET71742	1/03/2019	Compliant Stockpile	0.011	0.00009
SP1374	ASET71742	1/03/2019	Compliant Stockpile	nd	0.00095
SP1375	ASET71742	1/03/2019	Compliant Stockpile	nd	nd
SP1376	ASET71742	1/03/2019	SP fail due to AF/FA. Removed for storage	nd	0.00549
SP1376FP	ASET71997	11/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP1377	ASET71742	1/03/2019	Compliant Stockpile	nd	nd
SP1378	ASET71742	1/03/2019	SP fail due to ACM. SP re-picked	0.053	0.00003
SP1378-RP	--	4/03/2019	Compliant Stockpile	nd	nd
SP1379	ASET71742	1/03/2019	Compliant Stockpile	0.006	nd
SP1380	ASET71742	1/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1380-RP	--	4/03/2019	Compliant Stockpile	nd	nd
SP1381	ASET71742	1/03/2019	Compliant Stockpile	nd	nd
SP1382	ASET71742	1/03/2019	SP fail due to AF/FA. Removed for storage	0.020	0.00226
SP1382-FP	ASET71925	7/03/2019	Footprint clearance/ valdiation post fail	--	nd
SP1383	ASET71742	1/03/2019	SP fail due to ACM. SP re-picked	VF	0.00001
SP1383RP	--	8/03/2019	Compliant Stockpile	nd	nd
SP1384	ASET71742	1/03/2019	Compliant Stockpile	0.028	0.00003
SP1385	ASET71742	1/03/2019	Compliant Stockpile	nd	0.00013
SP1386	ASET71742	1/03/2019	Compliant Stockpile	nd	nd
SP1387	ASET71849	4/03/2019	Compliant Stockpile	0.006	nd
SP1387A	ASET71849	4/03/2019	Intra lab duplicate	nd	nd
SP1388	ASET71849	4/03/2019	Compliant Stockpile	0.008	nd
SP1389	ASET71849	4/03/2019	Compliant Stockpile	0.012	nd
SP1390	ASET71849	4/03/2019	Compliant Stockpile	nd	nd
LF1	ASET71849	4/03/2019	Compliant Stockpile	nd	nd
SP1390	ASET71849	5/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1390-RP	--	11/03/2019	Compliant Stockpile	--	nd
SP1391	ASET71849	5/03/2019	Compliant Stockpile	nd	nd

SP1392	ASET71849	5/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1392-RP	--	11/03/2019	Compliant Stockpile	--	nd
SP1393	ASET71849	5/03/2019	Compliant Stockpile	nd	nd
SP1394	ASET71849	5/03/2019	Compliant Stockpile	nd	nd
SP1395	ASET71849	5/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1395-RP	--	11/03/2019	Compliant Stockpile	--	nd
SP1396	ASET71849	5/03/2019	Compliant Stockpile	nd	0.00064
SP1397	ASET71849	5/03/2019	Compliant Stockpile	nd	nd
SP1398	ASET71849	5/03/2019	Compliant Stockpile	nd	nd
SP1399	ASET71849	5/03/2019	Compliant Stockpile	nd	0.00001
SP1400	ASET71849	5/03/2019	Compliant Stockpile	nd	nd
SP1400A	ASET71849	5/03/2019	Intra lab duplicate	nd	nd
SP1401	ASET71849	5/03/2019	Compliant Stockpile	nd	nd
SP1402	ASET71849	5/03/2019	Compliant Stockpile	nd	nd
SP1403	ASET71849	5/03/2019	Compliant Stockpile	nd	0.00062
SP1404	ASET71849	5/03/2019	Compliant Stockpile	nd	nd
SP1405	ASET71849	5/03/2019	Compliant Stockpile	nd	nd
SP1406	ASET71849	5/03/2019	Compliant Stockpile	nd	0.00022
SP1407	ASET71849	5/03/2019	Compliant Stockpile	nd	nd
SP1408	ASET71822	6/03/2019	Compliant Stockpile	nd	nd
SP1409	ASET71822	6/03/2019	Compliant Stockpile	nd	nd
SP1409A	ASET71822	6/03/2019	Intra lab duplicate	nd	nd
SP1410	ASET71822	6/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1410-RP	--	14/03/2019	SP failed initial repick	VF	nd
SP1410-RP	--	29/03/2019	Compliant Stockpile	nd	--
SP1411	ASET71822	6/03/2019	SP fail due to AF/FA. Removed for storage	--	0.00122
SP1411-FP	ASET72112	14/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP1412	ASET71822	6/03/2019	Compliant Stockpile	0.036	nd
SP1413	ASET71822	6/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1413-RP	--	14/03/2019	SP failed initial re-pick	VF	nd
SP1413-RP-1	--	15/03/2019	Compliant Stockpile	--	--
SP1414	ASET71822	6/03/2019	Compliant Stockpile	nd	nd
SP1415	ASET71822	6/03/2019	Compliant Stockpile	nd	nd
SP1416	ASET71822	6/03/2019	Compliant Stockpile	nd	0.00029
SP1417	ASET71822	6/03/2019	Compliant Stockpile	nd	nd
SP1418	ASET71822	6/03/2019	Compliant Stockpile	nd	nd
SP1419	ASET71822	6/03/2019	SP fail due to AF/FA. Removed for storage	--	0.00114
SP1419-FP	ASET72112	14/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP1420	ASET71822	6/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1420-RP	--	14/03/2019	SP failed initial repick	VF	nd
SP1420-RP	--	26/03/2019	Compliant Stockpile	--	--
SP1421	ASET71822	6/03/2019	Compliant Stockpile	nd	0.00046
SP1422	ASET71822	6/03/2019	SP fail due to AF/FA in Duplicate sample	--	nd
SP1422A	ASET71822	6/03/2019	Intra lab duplicate	--	0.00150
SP1422-FP	ASET72112	14/03/2019	Footprint clearance/ valdiation post fail	nd	nd
SP1423	ASET71822	6/03/2019	Compliant Stockpile	nd	nd
SP1424	ASET71822	6/03/2019	Compliant Stockpile	nd	0.00038
SP1425	ASET71925	7/03/2019	Compliant Stockpile	nd	nd
SP1426	ASET71925	7/03/2019	Compliant Stockpile	nd	nd
SP1427	ASET71925	7/03/2019	Compliant Stockpile	nd	nd
SP1428	ASET71925	7/03/2019	Compliant Stockpile	nd	0.00058
SP1429	ASET71925	7/03/2019	Compliant Stockpile	nd	nd
SP1430	ASET71925	7/03/2019	Compliant Stockpile	nd	nd
SP1431	ASET71925	7/03/2019	Compliant Stockpile	nd	nd
SP1432	ASET71925	7/03/2019	Compliant Stockpile	nd	0.00016
SP1433	ASET71925	7/03/2019	Compliant Stockpile	nd	nd

SP1434	ASET71963	8/03/2019	Compliant Stockpile	nd	0.00023
SP1435	ASET71963	8/03/2019	Compliant Stockpile	nd	nd
SP1436	ASET71963	8/03/2019	Compliant Stockpile	nd	nd
SP1437	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1438	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1439	ASET71997	11/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1439	--	12/03/2019	Compliant Stockpile	--	--
SP1440	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1441	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1442	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1443	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1433A	ASET71997	11/03/2019	Intra lab duplicate	nd	nd
SP1444	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1445	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1446	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1447	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1448	ASET71997	11/03/2019	Compliant Stockpile	0.021	nd
SP1449	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1450	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1451	ASET71997	11/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1451-RP	--	29/03/2019	Sampling post additional remediation	--	--
SP1452	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1453	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1454	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1455	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1456	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1456A	ASET71997	11/03/2019	Intra lab duplicate	nd	nd
SP1457	ASET71997	11/03/2019	Compliant Stockpile	nd	nd
SP1458	ASET72034	12/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1458-RP	--	26/03/2019	Compliant Stockpile	--	--
SP1459	ASET72034	12/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1459-RP	--	26/03/2019	Compliant Stockpile	--	--
SP1460	ASET72034	12/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1460-RP	--	26/03/2019	Compliant Stockpile	--	--
SP1461	ASET72034	12/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1461-RP	--	26/03/2019	Compliant Stockpile	--	--
SP1462	ASET72034	12/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1462A	ASET72034	12/03/2019	Intra lab duplicate	VF	nd
SP1462B	SE190354	12/03/2019	Inter lab duplicate	VF	nd
SP1462-RP	--	26/03/2019	Compliant Stockpile	--	--
SP1463	ASET72034	12/03/2019	Compliant Stockpile	nd	nd
SP1463A	ASET72034	12/03/2019	Intra lab duplicate	nd	nd
SP1463B	SE190354	12/03/2019	Inter lab duplicate	nd	nd
SP1464	ASET72034	12/03/2019	Compliant Stockpile	0.017	nd
SP1464A	ASET72034	12/03/2019	Intra lab duplicate	nd	nd
SP1465	ASET72034	12/03/2019	Compliant Stockpile	nd	nd
SP1465A	ASET72034	12/03/2019	Intra lab duplicate	nd	nd
SP1465B	SE190354	12/03/2019	Inter lab duplicate	nd	nd
SP1466	ASET72034	12/03/2019	Compliant Stockpile	nd	nd
SP1466A	ASET72034	12/03/2019	Intra lab duplicate	nd	nd
SP1466B	SE190354	12/03/2019	Inter lab duplicate	nd	0.00066
SP1467	ASET72034	12/03/2019	Compliant Stockpile	0.020	nd
SP1468	ASET72034	12/03/2019	Compliant Stockpile	0.010	nd
SP1469	ASET72034	12/03/2019	Compliant Stockpile	nd	nd
SP1470	ASET72034	12/03/2019	SP fail due to ACM. SP re-picked	0.057	nd

SP1470-RP	--	22/03/2019	Compliant Stockpile	--	--
SP1471	ASET72034	12/03/2019	Compliant Stockpile	0.007	nd
SP1472	ASET72034	12/03/2019	Compliant Stockpile	0.012	nd
SP1473	ASET72034	12/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1473-RP	--	22/03/2019	Compliant Stockpile	nd	--
SP1474	ASET72034	12/03/2019	Compliant Stockpile	0.011	nd
SP1475	ASET72034	12/03/2019	Compliant Stockpile	0.014	nd
SP1476	ASET72034	12/03/2019	SP fail due to ACM. SP re-picked	0.057	nd
SP1476-RP	--	22/03/2019	Compliant Stockpile	nd	--
SP1477	ASET72034	12/03/2019	Compliant Stockpile	nd	nd
SP1478	ASET72072	13/03/2019	SP fail due to AF/FA. Removed for storage	nd	0.00619
SP1479FP	ASET73464	15/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1479	ASET72072	13/03/2019	SP fail due to AF/FA. Removed for storage	nd	0.00153
SP1479FP	ASET73232	10/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1480	ASET72072	13/03/2019	Compliant Stockpile	nd	nd
SP1480A	ASET72072	13/03/2019	Intra lab duplicate	nd	nd
SP1480B	SE190402	13/03/2019	Inter lab duplicate	nd	nd
SP1481	ASET72072	13/03/2019	Compliant Stockpile	nd	0.00002
SP1482	ASET72072	13/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1482-RP	--	22/03/2019	Compliant Stockpile	nd	--
SP1483	ASET72072	13/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1483-RP	--	22/03/2019	Compliant Stockpile	nd	--
SP1484	ASET72072	13/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1485-RP	--	22/03/2019	Compliant Stockpile	nd	--
SP1485	ASET72072	13/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1485-RP	--	22/03/2019	Compliant Stockpile	nd	--
SP1486	ASET72072	13/03/2019	SP fail due to AF/FA in Duplicate sample	nd	nd
SP1486A	ASET72072	13/03/2019	Intra lab duplicate	nd	0.00138
SP1486B	SE190402	13/03/2019	Inter lab duplicate	nd	nd
SP1486FP	ASET73232	10/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1487	ASET72072	13/03/2019	Compliant Stockpile	nd	0.00041
SP1488	ASET72072	13/03/2019	SP fail due to ACM. SP re-picked	VF	0.00020
SP1488-RP	--	29/03/2019	Compliant Stockpile	nd	--
SP1489	ASET72072	13/03/2019	Compliant Stockpile	nd	nd
SP1490	ASET72072	13/03/2019	Compliant Stockpile	nd	nd
SP1491	ASET72072	13/03/2019	Compliant Stockpile	nd	0.00023
SP1492	ASET72072	13/03/2019	Compliant Stockpile	nd	nd
SP1493	ASET72072	13/03/2019	Compliant Stockpile	nd	nd
SP1494	ASET72072	13/03/2019	SP fail due to AF/FA in Duplicate sample	nd	nd
SP1494A	ASET72072	13/03/2019	Intra lab duplicate	nd	0.00415
SP1494B	SE190402	13/03/2019	Inter lab duplicate	nd	0.00591
SP1491FP	ASET73464	15/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1495	ASET72072	13/03/2019	Compliant Stockpile	nd	nd
SP1496	ASET72072	13/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1497	ASET72072	13/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1497-RP	--	26/03/2019	Compliant Stockpile	nd	--
SP1498	ASET72072	13/03/2019	Compliant Stockpile	nd	nd
SP1499	ASET72072	13/03/2019	Compliant Stockpile	nd	nd
SP1500	ASET72072	13/03/2019	Compliant Stockpile	nd	nd
SP1500A	ASET72072	13/03/2019	Intra lab duplicate	nd	nd
SP1500B	SE190402	13/03/2019	Inter lab duplicate	nd	nd
SP1501	ASET72072	13/03/2019	Compliant Stockpile	nd	nd
SP1502	ASET72111	14/03/2019	Compliant Stockpile	nd	nd
SP1503	ASET72111	14/03/2019	Compliant Stockpile	nd	nd

SP1504	ASET72111	14/03/2019	Compliant Stockpile	nd	0.00004
SP1505	ASET72111	14/03/2019	Compliant Stockpile	nd	nd
SP1506	ASET72111	14/03/2019	Compliant Stockpile	0.006	0.00038
SP1507	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1507-RP	--	1/04/2019	Compliant Stockpile	--	--
SP1508	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1508-RP	--	1/04/2019	Compliant Stockpile	--	--
SP1509	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1509RP	--	29/03/2019	Compliant Stockpile	--	nd
SP1510	ASET72111	14/03/2019	Compliant Stockpile	0.008	0.00008
SP1511	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1511-RP	--	2/04/2019	Compliant Stockpile	--	--
SP1512	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1512-RP	--	1/04/2019	Compliant Stockpile	--	--
SP1513	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1513-RP	--	1/04/2019	Compliant Stockpile	--	--
SP1514	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1514RP	--	29/03/2019	Compliant Stockpile	--	nd
SP1515	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1515A	ASET72111	14/03/2019	Intra lab duplicate	VF	nd
SP1515B	SE190450	14/03/2019	Inter lab duplicate	VF	nd
SP1515RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1516	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1516A	ASET72111	14/03/2019	Intra lab duplicate	VF	nd
SP1516B	SE190450	14/03/2019	Inter lab duplicate	VF	nd
SP1516RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1517	ASET72111	14/03/2019	Compliant Stockpile	nd	nd
SP1517A	ASET72111	14/03/2019	Intra lab duplicate	0.019	nd
SP1517B	SE190450	14/03/2019	Inter lab duplicate	nd	nd
SP1518	ASET72111	14/03/2019	Compliant Stockpile	nd	nd
SP1518A	ASET72111	14/03/2019	Intra lab duplicate	nd	nd
SP1518B	ASET72111	14/03/2019	Inter lab duplicate	nd	nd
SP1519	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1519A	ASET72111	14/03/2019	Intra lab duplicate	VF	nd
SP1519B	SE190450	14/03/2019	Inter lab duplicate	VF	nd
SP1519RP	--	14/03/2019	Compliant Stockpile	nd	nd
SP1520	ASET72111	14/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1520RP	--	14/03/2019	Compliant Stockpile	nd	nd
SP1521	ASET72245	14/03/2019	Compliant Stockpile	nd	nd
SP1522	ASET72245	21/03/2019	Compliant Stockpile	0.016	nd
SP1523	ASET72314	22/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1523-RP	--	2/04/2019	Compliant Stockpile	nd	--
SP1524	ASET72314	22/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1524-RP	--	29/03/2019	Compliant Stockpile	nd	--
SP1525	ASET72314	22/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1525-RP	--	2/04/2019	Compliant Stockpile	nd	--
SP1526	ASET72314	22/03/2019	Compliant Stockpile	--	nd
SP1526A	ASET72314	22/03/2019	Intra lab duplicate	--	nd
SP1527	ASET72314	22/03/2019	Compliant Stockpile	--	0.00021
SP1528	ASET72314	22/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1528-RP	--	25/03/2019	Compliant Stockpile	--	--
SP1529	ASET72314	22/03/2019	SP fail due to ACM. SP re-picked	VF	0.00008
SP1529-RP	--	29/03/2019	Compliant Stockpile	nd	--
SP1530	ASET72314	22/03/2019	SP fail due to AF/FA. Removed for storage	VF	0.00198
SP1530-FP	ASET72513	1/04/2019	Footprint clearance/ valdiation post fail	--	nd
SP1531	ASET72314	22/03/2019	SP fail due to ACM. SP re-picked	VF	nd

SP1532-RP	--	29/03/2019	Compliant Stockpile	--	--
SP1532	ASET72314	22/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1532-RP	--	2/04/2019	Compliant Stockpile	--	--
SP1533	ASET72314	22/03/2019	Compliant Stockpile	--	nd
SP1534	ASET72314	22/03/2019	Compliant Stockpile	--	0.00027
SP1535	ASET72314	22/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1535RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1536	ASET72314	22/03/2019	Compliant Stockpile	--	0.00025
SP1537	ASET72314	22/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1537-RP	--	2/04/2019	Compliant Stockpile	--	--
SP1538	ASET72314	22/03/2019	Compliant Stockpile	--	nd
SP1539	ASET72314	22/03/2019	Compliant Stockpile	--	nd
SP1540	ASET72379	26/03/2019	Compliant Stockpile	0.049	nd
SP1541	ASET72379	26/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1541RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1542	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1543	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1544	ASET72379	26/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1544RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1545	ASET72379	26/03/2019	Compliant Stockpile	--	0.00002
SP1546	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1547	ASET72379	26/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1547RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1548	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1549	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1550	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1551	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1552	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1553	ASET72379	26/03/2019	Compliant Stockpile	--	0.00013
SP1553A	ASET72379	26/03/2019	Intra lab duplicate	--	nd
SP1554	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1555	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1556	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1556A	ASET72379	26/03/2019	Intra lab duplicate	--	nd
SP1557	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1557A	ASET72379	26/03/2019	Intra lab duplicate	--	nd
SP1558	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1559	ASET72379	26/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1559RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1560	ASET72379	26/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1560RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1561	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1562	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1563	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1564	ASET72379	26/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1564RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1565	ASET72379	26/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1565RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1566	ASET72379	26/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1566RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1567	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1568	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1569	ASET72379	26/03/2019	Compliant Stockpile	0.001	nd
SP1570	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1571	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1571B	SE191056	26/03/2019	Inter lab duplicate	--	nd

SP1572	ASET72379	26/03/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1572A	ASET72379	26/03/2019	Intra lab duplicate	VF	nd
SP1572RP	--	4/04/2019	Compliant Stockpile	--	nd
SP1573	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1574	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1575	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1576	ASET72379	26/03/2019	Compliant Stockpile	--	nd
SP1577	ASET72512	1/04/2019	SP fail due to AF/FA in Duplicate sample	VF	nd
SP1577A	ASET72512	1/04/2019	Intra lab duplicate	VF	0.00350
SP1577B	SE191056	1/04/2019	Inter lab duplicate	VF	nd
SP1577FP	ASET73232	10/05/2019	Footprint failed and rescraped	--	0.00147
SP1577FP	ASET73464	15/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1578	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1578A	ASET72512	1/04/2019	Intra lab duplicate	VF	nd
SP1578B	SE191056	1/04/2019	Inter lab duplicate	VF	nd
SP1578RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1579	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1579-A	ASET72512	1/04/2019	Intra lab duplicate	VF	nd
SP1579-B	SE191056	1/04/2019	Inter lab duplicate	VF	nd
SP1579RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1580	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1580A	ASET72512	1/04/2019	Intra lab duplicate	VF	nd
SP1580B	SE191056	1/04/2019	Inter lab duplicate	VF	nd
SP1580RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1581	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1581RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1582	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1582RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1583	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1583RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1584	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1584RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1585	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1585RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1586	ASET72512	1/04/2019	SP fail due to AF/FA. Removed for storage	VF	0.00137
SPXFP	ASET73464	15/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1587	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	0.00049
SP1587RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1588	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1588RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1589	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1589RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1590	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	0.00042
SP1590RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1591	ASET72512	1/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1591A	ASET72512	1/04/2019	Intra lab duplicate	VF	nd
SP1591RP	--	8/04/2019	Compliant Stockpile	--	nd
SP1592	ASET72549	2/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1592A	ASET72549	2/04/2019	Intra lab duplicate	VF	nd
SP1592B	SE191150	2/04/2019	Inter lab duplicate	VF	nd
SP1592RP	--	10/04/2019	Compliant Stockpile	--	nd
SP1593	ASET72549	2/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1593A	ASET72549	2/04/2019	Intra lab duplicate	VF	nd
SP1593B	SE191150	2/04/2019	Inter lab duplicate	VF	nd
SP1593RP	--	10/04/2019	SP failed initial re-pick	VF	nd
SP1593RP	--	11/04/2019	Compliant Stockpile	--	nd

SP1594	ASET72549	2/04/2019	SP fail due to AF/FA in Duplicate sample	VF	nd
SP1594A	ASET72549	2/04/2019	Intra lab duplicate	VF	nd
SP1594B	SE191150	2/04/2019	Inter lab duplicate	VF	0.00192
SP1594FP	ASET73232	10/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1595	ASET72549	2/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1595A	ASET72549	2/04/2019	Intra lab duplicate	VF	nd
SP1595B	SE191150	2/04/2019	Inter lab duplicate	VF	0.00069
SP1595RP	--	10/04/2019	Compliant Stockpile	--	nd
SP1596	ASET72549	2/04/2019	SP fail due to AF/FA in Duplicate sample	VF	nd
SP1596A	ASET72549	2/04/2019	Intra lab duplicate	VF	nd
SP1596B	SE191150	2/04/2019	Inter lab duplicate	VF	0.00400
SP1596FP	ASET73279	8/05/2019	Footprint failed and rescraped	0.000	0.00100
SP1596FP	ASET73464	15/05/2019	Footprint failed and rescraped	--	0.00032
SP1596FP	ASET73579	21/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1597	ASET72613	4/04/2019	Compliant Stockpile	--	nd
SP1597A	ASET72613	4/04/2019	Intra lab duplicate	--	nd
SP1597B	SE191282	4/04/2019	Inter lab duplicate	--	nd
SP1598	ASET72613	4/04/2019	Compliant Stockpile	0.046	nd
SP1598A	ASET72613	4/04/2019	Intra lab duplicate	--	nd
SP1598B	SE191282	4/04/2019	Inter lab duplicate	--	nd
SP1599	ASET72613	4/04/2019	Compliant Stockpile	--	nd
SP1599A	ASET72613	4/04/2019	Intra lab duplicate	--	nd
SP1599B	SE191282	4/04/2019	Inter lab duplicate	--	nd
SP1600	ASET72613	4/04/2019	Compliant Stockpile	--	nd
SP1600A	ASET72613	4/04/2019	Intra lab duplicate	--	nd
SP1600B	SE191282	4/04/2019	Inter lab duplicate	--	nd
SP1601	ASET72613	4/04/2019	Compliant Stockpile	--	nd
SP1601A	ASET72613	4/04/2019	Intra lab duplicate	--	nd
SP1601B	ASET72613	4/04/2019	Inter lab duplicate	--	nd
SP1602	ASET72613	4/04/2019	SP fail due to AF/FA in Duplicate sample	VF	nd
SP1602A	ASET72613	4/04/2019	Intra lab duplicate	VF	nd
SP1602B	ASET72613	4/04/2019	Inter lab duplicate	VF	0.01299
SP1602FP	ASET72756	11/04/2019	Footprint failed and rescraped	--	0.02703
SP1602FP	ASET73464	15/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1603	ASET72640	5/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1603RP	--	11/04/2019	Compliant Stockpile	--	nd
SP1604	ASET72640	5/04/2019	SP fail due to ACM. SP re-picked	0.052	nd
SP1604RP	--	11/04/2019	Compliant Stockpile	--	nd
SP1605	ASET72640	5/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1605RP	--	11/04/2019	Compliant Stockpile	--	nd
SP1606	ASET72640	5/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1606RP	--	11/04/2019	Compliant Stockpile	--	nd
SP1607	ASET72640	5/04/2019	SP fail due to AF/FA. Removed for storage	VF	0.00128
SP1607FP	ASET73317	9/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1608	ASET72640	5/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1608RP	--	16/04/2019	Compliant Stockpile	--	nd
SP1609	ASET72640	5/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1609RP	--	16/04/2019	Compliant Stockpile	--	nd
SP1610	ASET72640	5/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1610RP	--	16/04/2019	Compliant Stockpile	--	nd
SP1611	ASET72640	5/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1611RP	--	16/04/2019	Compliant Stockpile	--	nd
SP1612	ASET72640	5/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1612RP	--	16/04/2019	Compliant Stockpile	--	nd
SP1613	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1613A	ASET72662	8/04/2019	Intra lab duplicate	--	nd

SP1613B	SE191395	8/04/2019	Inter lab duplicate	--	nd
SP1614	ASET72662	8/04/2019	Compliant Stockpile	--	0.00033
SP1614A	ASET72662	8/04/2019	Intra lab duplicate	--	nd
SP1614B	SE191395	8/04/2019	Inter lab duplicate	--	nd
SP1615	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1615A	ASET72662	8/04/2019	Intra lab duplicate	--	nd
SP1615B	SE191395	8/04/2019	Inter lab duplicate	--	0.00055
SP1616	ASET72662	8/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1616A	ASET72662	8/04/2019	Intra lab duplicate	VF	0.00019
SP1616B	SE191395	8/04/2019	Inter lab duplicate	VF	nd
SP1616RP	--	15/04/2019	Compliant Stockpile	--	nd
SP1617	ASET72662	8/04/2019	SP fail due to AF/FA. Removed for storage	--	0.00115
SP1617FP	ASET73317	9/05/2019	Footprint failed and rescraped	--	0.00002
SP1617FP	ASET73464	15/05/2019	Footprint failed and rescraped	--	0.04681
SP1617FP	ASET73579	21/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1618	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1619	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1620	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1621	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1622	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1623	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1624	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1625	ASET72662	8/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1625RP	--	15/04/2019	Compliant Stockpile	--	nd
SP1626	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1627	ASET72662	8/04/2019	Compliant Stockpile	0.045	nd
SP1628	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1629	ASET72662	8/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1629RP	--	15/04/2019	Compliant Stockpile	--	nd
SP1630	ASET72662	8/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1630RP	--	15/04/2019	Compliant Stockpile	--	nd
SP1631	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1632	ASET72662	8/04/2019	Compliant Stockpile	--	nd
SP1633	ASET72688	9/04/2019	Compliant Stockpile	--	0.00001
SP1634	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1635	ASET72688	9/04/2019	SP fail due to AF/FA in Duplicate sample	--	nd
SP1635A	ASET72688	9/04/2019	Intra lab duplicate	--	nd
SP1635B	SE191467	9/04/2019	Inter lab duplicate	--	0.00408
SP1635FP	ASET73232	10/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1636	ASET72688	9/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1636RP	--	12/04/2019	SP failed initial re-pick	VF	nd
SP1636RP	--	15/04/2019	Compliant Stockpile	--	nd
SP1637	ASET72688	9/04/2019	SP fail due to ACM. SP re-picked	VF	0.00001
SP1637RP	--	12/04/2019	SP failed initial re-pick	VF	nd
SP1637RP	--	15/04/2019	Compliant Stockpile	--	nd
SP1638	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1639	ASET72688	9/04/2019	Compliant Stockpile	--	0.00001
SP1640	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1641	ASET72688	9/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1641A	ASET72688	9/04/2019	Intra lab duplicate	VF	nd
SP1641B	SE191467	9/04/2019	Inter lab duplicate	VF	nd
SP1641RP	--	15/04/2019	Compliant Stockpile	--	nd
SP1642	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1643	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1644	ASET72688	9/04/2019	Compliant Stockpile	--	0.00001
SP1645	ASET72688	9/04/2019	Compliant Stockpile	--	nd

SP1646	ASET72688	9/04/2019	SP fail due to AF/FA in Duplicate sample	--	0.00170
SP1646A	ASET72688	9/04/2019	Intra lab duplicate	--	nd
SP1646B	SE191467	9/04/2019	Inter lab duplicate	--	0.01265
SPX2FP	ASET73464	15/05/2019	Footprint failed and rescraped	--	0.00126
SPX2FP	ASET73579	21/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1647	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1648	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1649	ASET72688	9/04/2019	Compliant Stockpile	--	0.00023
SP1650	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1651	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1651A	ASET72688	9/04/2019	Intra lab duplicate	--	0.00001
SP1651B	ASET72688	9/04/2019	Inter lab duplicate	--	nd
SP1652	ASET72688	9/04/2019	Compliant Stockpile	--	0.00001
SP1653	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1654	ASET72688	9/04/2019	SP fail due to AF/FA. Removed for storage	--	0.00163
SP1654FP	ASET73394	13/05/2019	Footprint failed and rescraped	--	0.00022
SP1654FP	ASET73504	17/05/2019	Footprint failed and rescraped	--	0.00547
SP1654FP	ASET73583	22/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1655	ASET72688	9/04/2019	Compliant Stockpile	--	nd
SP1656	ASET72715	10/04/2019	Compliant Stockpile	--	nd
SP1657	ASET72715	10/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1657RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1658	ASET72715	10/04/2019	Compliant Stockpile	--	0.00001
SP1659	ASET72715	10/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1659RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1660	ASET72715	10/04/2019	Compliant Stockpile	--	nd
SP1661	ASET72715	10/04/2019	Compliant Stockpile	--	nd
SP1662	ASET72715	10/04/2019	Compliant Stockpile	--	nd
SP1662A	ASET72715	10/04/2019	Intra lab duplicate	--	nd
SP1662B	SE191514	10/04/2019	Inter lab duplicate	--	nd
SP1663	ASET72715	10/04/2019	Compliant Stockpile	--	nd
SP1664	ASET72715	10/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1664RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1665	ASET72715	10/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1665RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1666	ASET72715	10/04/2019	Compliant Stockpile	--	0.00003
SP1667	ASET72715	10/04/2019	Compliant Stockpile	--	nd
SP1668	ASET72715	10/04/2019	Compliant Stockpile	--	nd
SP1668A	ASET72715	10/04/2019	Intra lab duplicate	--	nd
SP1668B	SE191514	10/04/2019	Inter lab duplicate	--	nd
SP1669	ASET72715	10/04/2019	Compliant Stockpile	--	nd
SP1670	ASET72715	10/04/2019	SP fail due to AF/FA. Removed for storage	--	0.00171
SP1670FP	ASET73394	13/05/2019	Footprint clearance/ valdiation post fail	--	0.00214
SP1670FP	ASET73504	17/05/2019	Footprint clearance/ valdiation post fail	--	0.00066
SP1670FP	ASET73583	22/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1671	ASET72715	10/04/2019	Compliant Stockpile	--	nd
SP1672	ASET72715	10/04/2019	Compliant Stockpile	--	0.00024
SP1673	ASET72715	10/04/2019	SP fail due to AF/FA in Duplicate sample	--	0.00002
SP1673A	ASET72715	10/04/2019	Intra lab duplicate	--	0.00191
SP1673B	SE191514	10/04/2019	Inter lab duplicate	--	nd
SP1673FP	ASET73394	13/05/2019	Footprint failed and rescraped	0.000	0.00070
SP1673FP	ASET73504	17/05/2019	Footprint failed and rescraped	--	0.00008
SP1673FP	ASET73583	22/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1674	ASET72715	10/04/2019	SP fail due to AF/FA. Removed for storage	--	0.00482
SP1674FP	ASET73394	13/05/2019	Footprint failed and rescraped	0.002	0.05000
SP1674FP	ASET73504	17/05/2019	Footprint clearance/ valdiation post fail	--	nd

SP1675	ASET72715	10/04/2019	Compliant Stockpile	--	0.00015
SP1676	ASET72715	10/04/2019	Compliant Stockpile	--	0.00005
SP1677	ASET72715	10/04/2019	Compliant Stockpile	--	0.00006
SP1678	ASET72715	10/04/2019	SP fail due to AF/FA. Removed for storage	--	0.00132
SP1678FP	ASET73394	13/05/2019	Footprint failed and rescraped	--	0.00085
SP1678FP	ASET73504	17/05/2019	Footprint failed and rescraped	--	0.00015
SP1678FP	ASET73583	22/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1679	ASET72715	10/04/2019	SP fail due to AF/FA. Removed for storage	--	0.00138
SP1679FP	ASET73394	13/05/2019	Footprint failed and rescraped	--	0.00022
SP1679FP	ASET73504	17/05/2019	Footprint failed and rescraped	--	0.00003
SP1679FP	ASET73583	22/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1680	ASET72715	10/04/2019	Compliant Stockpile	--	0.00006
SP1681	ASET72715	10/04/2019	Compliant Stockpile	--	0.00050
SP1682	ASET72715	10/04/2019	Compliant Stockpile	--	0.00004
SP1683	ASET72715	10/04/2019	Compliant Stockpile	--	0.00023
SP1684	ASET72715	10/04/2019	Compliant Stockpile	--	0.00004
SP1685	ASET72715	10/04/2019	Compliant Stockpile	--	0.00005
SP1686	ASET72715	10/04/2019	Compliant Stockpile	--	nd
SP1687	ASET72715	10/04/2019	Compliant Stockpile	--	0.00003
SP1688	ASET72715	10/04/2019	SP fail due to AF/FA. Removed for storage	--	0.00251
SP1688A	ASET72715	10/04/2019	Intra lab duplicate	--	0.00363
SP1688B	SE191514	10/04/2019	Inter lab duplicate	--	0.03351
SP1688FP	ASET73394	13/05/2019	Footprint failed and rescraped	--	0.00001
SP1688FP	ASET73504	17/05/2019	Footprint failed and rescraped	--	0.00003
SP1688FP	ASET73583	22/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1689	ASET72755	11/04/2019	Compliant Stockpile	--	0.00011
SP1690	ASET72755	11/04/2019	Compliant Stockpile	--	0.00015
SP1691	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1692	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1693	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1694	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1695	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1696	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1697	ASET72755	11/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1697RP	--	29/04/2019	Compliant Stockpile	--	nd
SP1698	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1699	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1700	ASET72755	11/04/2019	Compliant Stockpile	--	0.00053
SP1701	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1702	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1703	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1704	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1705	ASET72755	11/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1705RP	--	29/04/2019	Compliant Stockpile	--	nd
SP1706	ASET72755	11/04/2019	SP fail due to ACM. SP re-picked	VF	0.00004
SP1706RP	--	29/04/2019	Compliant Stockpile	--	nd
SP1707	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1708	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1709	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1710	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1711	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1711A	ASET72755	11/04/2019	Intra lab duplicate	--	nd
SP1711B	ASET72755	11/04/2019	Inter lab duplicate	--	nd
SP1712	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1712A	ASET72755	11/04/2019	Intra lab duplicate	--	nd
SP1712B	ASET72755	11/04/2019	Inter lab duplicate	--	nd

SP1713	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1713A	ASET72755	11/04/2019	Intra lab duplicate	--	nd
SP1713B	ASET72755	11/04/2019	Inter lab duplicate	--	nd
SP1714	ASET72755	11/04/2019	Compliant Stockpile	--	nd
SP1714A	ASET72755	11/04/2019	Intra lab duplicate	--	0.00002
SP1714B	ASET72755	11/04/2019	Inter lab duplicate	--	0.00094
SP1715	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1716	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1717	ASET72812	12/04/2019	Compliant Stockpile	0.011	nd
SP1718	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1719	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1720	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1721	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1722	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1723	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1724	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1725	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1726	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1727	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1728	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1729	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1730	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1731	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1732	ASET72812	12/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1732RP	--	29/04/2019	Compliant Stockpile	--	nd
SP1733	ASET72812	12/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1733RP	--	15/04/2019	Compliant Stockpile	--	nd
SP1734	ASET72812	12/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1734RP	--	29/04/2019	Compliant Stockpile	--	nd
SP1735	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1736	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1737	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1738	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1739	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1740	ASET72812	12/04/2019	Compliant Stockpile	0.021	nd
SP1741	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1742	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1743	ASET72812	12/04/2019	Compliant Stockpile	--	nd
SP1744	ASET72901	17/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1744RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1745	ASET72901	17/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1745RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1746	ASET72901	17/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1746RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1747	ASET72901	17/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1747RP		1/05/2019	SP failed initial re-pick	VF	nd
SP1747RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1748	ASET72901	17/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1748RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1749	ASET72901	17/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1749-RP	--	18/04/2019	Compliant Stockpile	--	nd
SP1750	ASET72901	17/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1750RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1751	ASET72901	17/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1751RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1752	ASET72970	18/04/2019	Compliant Stockpile	0.022	nd

SP1753	ASET72970	18/04/2019	Compliant Stockpile	--	nd
SP1754	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1754RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1755	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1755RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1756	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1756RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1757	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1757RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1758	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1758RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1759	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1759RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1760	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1760RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1761	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1761RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1762	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1762-RP	--	19/04/2019	Compliant Stockpile	--	--
SP1763	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1763RP	--	2/05/2019	Compliant Stockpile	--	nd
SP1764	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1764RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1765	ASET72970	18/04/2019	Compliant Stockpile	--	nd
SP1766	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1766RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1767	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1767RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1768	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	0.00002
SP1768RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1769	ASET72970	18/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1769RP	--	1/05/2019	Compliant Stockpile	--	nd
SP1770	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1770RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1771	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1771RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1772	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1773	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1774	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1775	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1775RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1776	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1776-RP	--	30/04/2019	Compliant Stockpile	--	nd
SP1777	ASET72970	29/04/2019	SP fail due to AF/FA. Removed for storage	--	0.00193
SP1777FP	ASET73464	15/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1778	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	0.00002
SP1778	--	13/05/2019	SP failed initial re-pick	VF	--
SP1778RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1779	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1779RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1780	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1780RP	ASET72970	13/05/2019	Compliant Stockpile	--	nd
SP1781	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1782	ASET72970	29/04/2019	SP fail due to AF/FA. Removed for storage	VF	0.00179
SP1782FP	ASET73317	9/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1783	ASET72970	29/04/2019	Compliant Stockpile	--	nd

SP1784	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1785	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1786	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1787	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1788	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1789	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1790	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1790RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1791	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1792	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1793	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1793RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1794	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1794RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1795	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1795RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1796	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1796RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1797	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1798	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1799	ASET72970	29/04/2019	Compliant Stockpile	--	nd
SP1800	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1800RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1801	ASET72970	29/04/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1801RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1802	ASET73094	30/04/2019	Compliant Stockpile	--	nd
SP1803	ASET73094	30/04/2019	Compliant Stockpile	--	nd
SP1804	ASET73094	30/04/2019	Compliant Stockpile	--	nd
SP1805	ASET73094	30/04/2019	Compliant Stockpile	--	nd
SP1806	ASET73094	30/04/2019	Compliant Stockpile	--	nd
SP1807	ASET73094	30/04/2019	Compliant Stockpile	--	nd
SP1808	ASET73094	30/04/2019	Compliant Stockpile	--	nd
SP1809	ASET73123	1/05/2019	Compliant Stockpile	--	nd
SP1810	ASET73123	1/05/2019	Compliant Stockpile	--	nd
SP1811	ASET73123	1/05/2019	Compliant Stockpile	--	nd
SP1812	ASET73123	1/05/2019	Compliant Stockpile	--	nd
SP1813	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1814	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1815	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1816	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1817	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1818	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1819	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1820	ASET73164	2/05/2019	Compliant Stockpile	--	0.00008
SP1821	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1821A	ASET73164	2/05/2019	Intra lab duplicate	--	nd
SP1821B	SE192316	2/05/2019	Inter lab duplicate	--	nd
SP1822	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1823	ASET73164	2/05/2019	Compliant Stockpile	--	0.00010
SP1823A	ASET73164	2/05/2019	Intra lab duplicate	--	nd
SP1823B	SE192316	2/05/2019	Inter lab duplicate	--	nd
SP1824	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1825	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1826	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1827	ASET73164	2/05/2019	Compliant Stockpile	--	nd
SP1827A	ASET73164	2/05/2019	Intra lab duplicate	--	nd

SP1827B	SE192316	2/05/2019	Inter lab duplicate	--	nd
SP1828	ASET73236	6/05/2019	Compliant Stockpile	--	nd
SP1829	ASET73236	6/05/2019	Compliant Stockpile	--	0.00018
SP1830	ASET73236	6/05/2019	Compliant Stockpile	--	0.00003
SP1831	ASET73236	6/05/2019	Compliant Stockpile	0.011	nd
SP1832	ASET73236	6/05/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1832RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1833	ASET73236	6/05/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1833RP	--	13/05/2019	Compliant Stockpile	--	nd
SP1834	ASET73236	6/05/2019	Compliant Stockpile	--	nd
SP1835	ASET73236	6/05/2019	Compliant Stockpile	--	nd
SP1836	ASET73236	6/05/2019	Compliant Stockpile	--	nd
SP1837	ASET73236	6/05/2019	Compliant Stockpile	--	nd
SP1838	ASET73236	6/05/2019	Compliant Stockpile	--	nd
SP1839	ASET73236	6/05/2019	Compliant Stockpile	--	nd
SP1840	ASET73236	6/05/2019	Compliant Stockpile	--	nd
SP1841	ASET73232	7/05/2019	Compliant Stockpile	--	nd
SP1842	ASET73232	7/05/2019	Compliant Stockpile	--	nd
SP1843	ASET73232	7/05/2019	Compliant Stockpile	--	nd
SP1844	ASET73232	7/05/2019	Compliant Stockpile	--	nd
SP1845	ASET73294	13/05/2019	Compliant Stockpile	--	nd
SP1846	ASET73294	13/05/2019	Compliant Stockpile	--	0.00059
SP1847	ASET73294	13/05/2019	Compliant Stockpile	--	0.00002
SP1848	ASET73420	14/05/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1848RP	--	20/05/2019	Compliant Stockpile	--	nd
SP1849	ASET73420	14/05/2019	Compliant Stockpile	--	0.00011
SP1850	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1851	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1852	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1853	ASET73420	14/05/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1853RP	--	20/05/2019	Compliant Stockpile	--	nd
SP1854	ASET73420	14/05/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1854RP	--	20/05/2019	Compliant Stockpile	--	nd
SP1855	ASET73420	14/05/2019	SP fail due to AF/FA. Removed for storage	--	0.00166
SP1855FP	ASET73667	24/05/2019	Footprint clearance/ valdiation post fail	--	0.00028
SP1855FP	ASET74107	12/06/2019	Footprint clearance/ valdiation post fail	--	0.00012
SP1855FP	ASET75569	6/08/2019	Footprint clearance/ valdiation post fail	--	nd
SP1856	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1857	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1858	ASET73420	14/05/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1858RP	--	20/05/2019	Compliant Stockpile	--	nd
SP1859	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1860	ASET73420	14/05/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1860RP	--	20/05/2019	Compliant Stockpile	--	nd
SP1861	ASET73420	14/05/2019	Compliant Stockpile	--	0.00008
SP1862	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1863	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1864	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1865	ASET73420	14/05/2019	Compliant Stockpile	--	0.00008
SP1866	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1867	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1868	ASET73420	14/05/2019	Compliant Stockpile	--	nd
SP1869	ASET73426	20/05/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1869RP	--	20/05/2019	Compliant Stockpile	--	nd
SP1870	ASET73464	15/05/2019	Compliant Stockpile	--	nd
SP1870A	ASET73464	15/05/2019	Intra lab duplicate	--	0.00034

SP1870B	SE192876	15/05/2019	Inter lab duplicate	--	nd
SP1871	ASET73464	15/05/2019	SP fail due to AF/FA. Removed for storage	--	0.00821
SP1871A	ASET73464	15/05/2019	Intra lab duplicate	--	nd
SP1871B	SE192876	15/05/2019	Inter lab duplicate	--	0.00821
SP1871FP	ASET73583	22/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1872	ASET73464	15/05/2019	Compliant Stockpile	0.011	nd
SP1872A	ASET73464	15/05/2019	Intra lab duplicate	--	nd
SP1872B	SE192876	15/05/2019	Inter lab duplicate	--	nd
SP1873	ASET73464	15/05/2019	Compliant Stockpile	--	nd
SP1873A	ASET73464	15/05/2019	Intra lab duplicate	--	nd
SP1873B	SE192876	15/05/2019	Inter lab duplicate	--	nd
SP1874	ASET73464	15/05/2019	Compliant Stockpile	--	0.00003
SP1875	ASET73464	15/05/2019	Compliant Stockpile	--	0.00005
SP1876	ASET73464	15/05/2019	Compliant Stockpile	--	nd
SP1877	ASET73464	15/05/2019	Compliant Stockpile	--	0.00005
SP1878	ASET73464	15/05/2019	Compliant Stockpile	--	nd
SP1879	ASET73464	15/05/2019	Compliant Stockpile	--	0.00003
SP1880	ASET73506	16/05/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1880-RP	--	17/05/2019	Compliant Stockpile	--	nd
SP1881	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1882	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1883	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1884	ASET73506	16/05/2019	SP fail due to ACM. SP re-picked	VF	nd
SP1884-RP	--	17/05/2019	Compliant Stockpile	--	nd
SP1885	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1886	ASET73506	16/05/2019	SP fail due to ACM. SP re-picked	VF	0.00029
SP1886-RP	--	17/05/2019	Compliant Stockpile	--	nd
SP1887	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1888	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1889	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1890	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1891	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1892	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1893	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1894	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1895	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1896	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1897	ASET73506	16/05/2019	SP fail due to AF/FA. Removed for storage	--	0.00129
SP1897FP	ASET73641	23/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1898	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1899	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1900	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1901	ASET73506	16/05/2019	SP fail due to AF/FA. Removed for storage	--	0.00150
SP1901FP	ASET73641	23/05/2019	Footprint failed and rescraped		0.00001
SP1901FP	ASET74040	7/06/2019	Footprint clearance/ valdiation post fail	--	nd
SP1902	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1903	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1904	ASET73506	16/05/2019	Compliant Stockpile	--	nd
SP1905	ASET73504	17/05/2019	Compliant Stockpile	0.021	nd
SP1905A	ASET73506	17/05/2019	Intra lab duplicate	--	nd
SP1905B	SE192991	17/05/2019	Inter lab duplicate	--	nd
SP1906	ASET73504	17/05/2019	Compliant Stockpile	--	nd
SP1906A	ASET73506	17/05/2019	Intra lab duplicate	--	nd
SP1906B	SE192991	17/05/2019	Inter lab duplicate	--	nd
SP1907	ASET73504	17/05/2019	Compliant Stockpile	--	0.00059
SP1907A	ASET73506	17/05/2019	Intra lab duplicate	--	nd

SP1907B	SE192991	17/05/2019	Inter lab duplicate	--	nd
SP1908	ASET73504	17/05/2019	Compliant Stockpile	--	nd
SP1909	ASET73504	17/05/2019	Compliant Stockpile	--	0.00005
SP1910	ASET73549	20/05/2019	Compliant Stockpile	--	nd
SP1910A	ASET73549	20/05/2019	Intra lab duplicate	--	nd
SP1910B	SE193039	20/05/2019	Inter lab duplicate	--	nd
SP1911	ASET73549	20/05/2019	Compliant Stockpile	--	nd
SP1911A	ASET73549	20/05/2019	Intra lab duplicate	--	nd
SP1911B	SE193039	20/05/2019	Inter lab duplicate	--	nd
SP1912	ASET73549	20/05/2019	Compliant Stockpile	--	nd
SP1912A	ASET73549	20/05/2019	Intra lab duplicate	--	nd
SP1912B	SE193039	20/05/2019	Inter lab duplicate	--	nd
SP1913	ASET73549	20/05/2019	Compliant Stockpile	--	nd
SP1913A	ASET73549	20/05/2019	Intra lab duplicate	--	nd
SP1913B	SE193039	20/05/2019	Inter lab duplicate	--	nd
SP1914	ASET73549	20/05/2019	Compliant Stockpile	--	nd
SP1915	ASET73549	20/05/2019	Compliant Stockpile	--	nd
SP1916	ASET73549	20/05/2019	Compliant Stockpile	--	nd
SP1917	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1917-A	ASET73578	21/05/2019	Intra lab duplicate	--	nd
SP1917-B	SE193101	21/05/2019	Inter lab duplicate	--	nd
SP1918	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1919	ASET73578	21/05/2019	Compliant Stockpile	--	0.00011
SP1920	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1921	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1921-A	ASET73578	21/05/2019	Intra lab duplicate	--	nd
SP1921-B	SE193101	21/05/2019	Inter lab duplicate	--	nd
SP1922	ASET73578	21/05/2019	Compliant Stockpile	--	0.00013
SP1923	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1924	ASET73578	21/05/2019	SP fail due to AF/FA. Removed for storage	--	0.00738
SP1924-A	ASET73578	21/05/2019	Intra lab duplicate	--	nd
SP1924-B	SE193101	21/05/2019	Inter lab duplicate	--	0.00738
SP1924-FP	ASET73804	30/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1925	ASET73578	21/05/2019	Compliant Stockpile	--	0.00039
SP1926	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1927	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1928	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1929	ASET73578	21/05/2019	SP fail due to AF/FA. Removed for storage	--	0.00120
SP1929-FP	ASET73804	30/05/2019	Footprint clearance/ valdiation post fail	--	nd
SP1930	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1931	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1931-A	ASET73578	21/05/2019	Intra lab duplicate	--	nd
SP1931-B	SE193101	21/05/2019	Inter lab duplicate	--	nd
SP1932	ASET73578	21/05/2019	Compliant Stockpile	--	nd
SP1933	ASET73578	21/05/2019	Compliant Stockpile	--	0.00013
SP1934	ASET73578	21/05/2019	Compliant Stockpile	--	nd
ATA_A1	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
ATA_A2	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
ATA_B1	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
ATA_B2	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
ATA_C1	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
ATA_C2	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
ATA_D1	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
ATA_D2	ASET73584	22/05/2019	ATA Boundary Testing	--	0.00026
ATA_D2_Val	ASET73667	24/05/2019	ATA Boundary Testing	--	nd
ATA_E1	ASET73584	22/05/2019	ATA Boundary Testing	--	0.00009

ATA_E1_Val	ASET73667	24/05/2019	ATA Boundary Testing	--	nd
ATA_E2	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
ATA_F1	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
ATA_F2	ASET73584	22/05/2019	ATA Boundary Testing	--	0.00002
ATA_F2_Val	ASET73667	24/05/2019	ATA Boundary Testing	--	nd
ATA_G1	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
ATA_G2	ASET73584	22/05/2019	ATA Boundary Testing	--	nd
SP1935	ASET73604	22/05/2019	Compliant Stockpile	--	nd
SP1936	ASET73604	22/05/2019	Compliant Stockpile	--	nd
SP1937	ASET73604	22/05/2019	Compliant Stockpile	--	nd
SP1938	ASET73604	22/05/2019	Compliant Stockpile	--	nd
SP1939	ASET73604	22/05/2019	Compliant Stockpile	--	nd
SP1940	ASET73604	22/05/2019	Compliant Stockpile	--	nd
SP1940-A	ASET73604	22/05/2019	Intra lab duplicate	--	nd
SP1941	ASET73604	22/05/2019	Compliant Stockpile	--	nd
SP1941-A	ASET73604	22/05/2019	Intra lab duplicate	--	nd
SP1942	ASET73604	22/05/2019	Compliant Stockpile	--	nd
SP1943	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1944	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1945	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1946	ASET73642	23/05/2019	Compliant Stockpile	--	0.0000004
SP1947	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1948	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1949	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1950	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1951	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1952	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1953	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1954	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1955	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1955-A	ASET73642	23/05/2019	Intra lab duplicate	--	nd
SP1956	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1957	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1958	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1959	ASET73642	23/05/2019	Compliant Stockpile	--	nd
SP1959-A	ASET73642	23/05/2019	Intra lab duplicate	--	0.00072
SP1960	ASET73642	23/05/2019	Compliant Stockpile	--	0.00030
SP1961	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1962	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1963	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1964	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1965	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1966	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1967	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1968	ASET73668	24/05/2019	Compliant Stockpile	0.003	nd
SP1969	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1970	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1971	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1972	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1973	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1974	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1975	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1976	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1977	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1977A	ASET73668	24/05/2019	Intra lab duplicate	--	nd
SP1977B	SE193290	24/05/2019	Inter lab duplicate	--	nd

SP1978	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1979	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1980	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1980A	ASET73668	24/05/2019	Intra lab duplicate	--	nd
SP1980B	SE193290	24/05/2019	Inter lab duplicate	--	0.00071
SP1981	ASET73666	24/05/2019	SP fail due to AF/FA in Duplicate sample	--	0.00022
SP1981A	ASET73666	24/05/2019	Intra lab duplicate	--	nd
SP1981B	SE193290	24/05/2019	Inter lab duplicate	--	0.00311
SP1981FP	ASET73896	3/06/2019	Footprint failed and rescraped	--	0.00015
SP1981FP	ASET74107	12/06/2019	Footprint clearance/ valdiation post fail	--	nd
SP1982	ASET73666	24/05/2019	Non-compliant Stockpile	--	0.00003
SP1982A	ASET73666	24/05/2019	Intra lab duplicate	--	0.00006
SP1982B	SE193290	24/05/2019	Inter lab duplicate	--	0.00076
SP1982FP	ASET73896	3/06/2019	Footprint clearance/ valdiation post fail	--	nd
SP1983	ASET73666	24/05/2019	Compliant Stockpile	--	0.00094
SP1983A	ASET73666	24/05/2019	Intra lab duplicate	0.002	nd
SP1983B	SE193290	24/05/2019	Inter lab duplicate	--	nd
SP1984	ASET73666	24/05/2019	Compliant Stockpile	--	0.00005
SP1985	ASET73666	24/05/2019	Compliant Stockpile	--	nd
SP1986	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1987	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1988	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1989	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1990	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1991	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1992	ASET73668	24/05/2019	Compliant Stockpile	--	nd
SP1993	ASET73666	24/05/2019	Compliant Stockpile	--	0.00003
SP1994	ASET73666	24/05/2019	Compliant Stockpile	--	0.00002
SP1995	ASET73666	24/05/2019	Compliant Stockpile	--	nd
SP1996	ASET73666	24/05/2019	Compliant Stockpile	--	nd
SP1997	ASET73666	24/05/2019	Compliant Stockpile	--	0.00024
SP1998	ASET73666	24/05/2019	Compliant Stockpile	--	0.00002
SP1999	ASET73666	24/05/2019	Compliant Stockpile	--	0.00007
SP2000	ASET73666	24/05/2019	Compliant Stockpile	0.035	nd
SP2001	ASET73666	24/05/2019	SP fail due to AF/FA. Removed for storage	--	0.00321
SP2001FP	ASET74107	12/06/2019	Footprint failed and rescraped	--	0.00055
SP2001FP-RT	ASET74364	20/06/2019	Footprint clearance/ valdiation post fail	--	nd
SP2002	ASET73666	24/05/2019	Compliant Stockpile	--	0.00007
SP2003	ASET73666	24/05/2019	Compliant Stockpile	--	0.00008
SP2004	ASET73712	27/05/2019	Compliant Stockpile	--	nd
SP2004A	ASET73712	27/05/2019	Intra lab duplicate	--	nd
SP2005	ASET73712	27/05/2019	Compliant Stockpile	0.003	nd
SP2006	ASET73712	27/05/2019	Compliant Stockpile	--	nd
SP2007	ASET73712	27/05/2019	Compliant Stockpile	--	nd
SP2008	ASET73712	27/05/2019	Compliant Stockpile	--	0.00002
SP2009	ASET73712	27/05/2019	Compliant Stockpile	--	nd
SP2010	ASET73712	27/05/2019	Compliant Stockpile	--	0.00003
SP2011	ASET73712	27/05/2019	Compliant Stockpile	--	0.00022
SP2012	ASET73712	27/05/2019	Compliant Stockpile	--	nd
SP2013	ASET73712	27/05/2019	Compliant Stockpile	--	nd
SP2014	ASET73712	27/05/2019	Compliant Stockpile	--	nd
SP2014A	ASET73712	27/05/2019	Intra lab duplicate	--	nd
SP2015	ASET73712	27/05/2019	Compliant Stockpile	--	nd
SP2016	ASET73712	27/05/2019	Compliant Stockpile	--	nd
SP2017	ASET73734	28/05/2019	Compliant Stockpile	--	nd
SP2017A	ASET73734	28/05/2019	Intra lab duplicate	--	nd

SP2018	ASET73734	28/05/2019	Compliant Stockpile	--	nd
SP2019	ASET73734	28/05/2019	Compliant Stockpile	--	nd
SP2020	ASET73734	28/05/2019	Compliant Stockpile	--	nd
SP2021	ASET73734	28/05/2019	Compliant Stockpile	--	0.00002
SP2022	ASET73734	28/05/2019	Compliant Stockpile	--	nd
SP2023	ASET73734	28/05/2019	Compliant Stockpile	--	nd
SP2024	ASET73734	28/05/2019	Compliant Stockpile	--	0.00002
SP2025	ASET73734	28/05/2019	Compliant Stockpile	--	nd
SP2026	ASET73734	28/05/2019	Compliant Stockpile	--	nd
SP2027	ASET73734	28/05/2019	Compliant Stockpile	--	nd
SP2028	ASET73743	29/05/2019	Compliant Stockpile	--	0.00001
SP2028A	ASET73743	29/05/2019	Intra lab duplicate	--	nd
SP2029	ASET73743	29/05/2019	Compliant Stockpile	--	nd
SP2029A	ASET73743	29/05/2019	Intra lab duplicate	--	0.00003
SP2030	ASET73743	29/05/2019	Compliant Stockpile	--	0.00004
SP2030A	ASET73743	29/05/2019	Intra lab duplicate	--	0.00026
SP2031	ASET73743	29/05/2019	Compliant Stockpile	--	nd
SP2031A	ASET73743	29/05/2019	Intra lab duplicate	--	nd
SP2032	ASET73743	29/05/2019	Compliant Stockpile	--	nd
SP2033	ASET73743	29/05/2019	Compliant Stockpile	--	nd
SP2034	ASET73743	29/05/2019	Compliant Stockpile	--	nd
SP2035	ASET73805	30/05/2019	Compliant Stockpile	--	nd
SP2036	ASET73805	30/05/2019	Compliant Stockpile	--	nd
SP2037	ASET73805	30/05/2019	Compliant Stockpile	--	nd
SP2038	ASET73805	30/05/2019	Compliant Stockpile	--	0.00001
SP2039	ASET73805	30/05/2019	Compliant Stockpile	--	nd
SP2040	ASET73805	30/05/2019	Compliant Stockpile	--	nd
SP2041	ASET73805	30/05/2019	Compliant Stockpile	--	nd
SP2042	ASET73805	30/05/2019	Compliant Stockpile	--	nd
SP2043	ASET73805	30/05/2019	Compliant Stockpile	--	nd
SP2044	ASET73805	30/05/2019	Compliant Stockpile	--	nd
D1	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
D2	ASET73804	30/05/2019	Bundwall Footprint Testing	--	0.00002
D2-Val	ASET74040	7/06/2019	Bundwall Footprint Testing	--	nd
D3	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
D4	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
D5	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
D6	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
D7	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
D8	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
D9	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
D10	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
D11	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
D12	ASET73804	30/05/2019	Bundwall Footprint Testing	--	nd
SP2045	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2046	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2046A	ASET73894	3/06/2019	Intra lab duplicate	--	nd
SP2046B	SE193651	3/06/2019	Inter lab duplicate	--	nd
SP2047	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2048	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2049	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2049A	ASET73894	3/06/2019	Intra lab duplicate	--	nd
SP2049B	SE193651	3/06/2019	Inter lab duplicate	--	nd
SP2050	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2051	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2052	ASET73894	3/06/2019	Compliant Stockpile	--	nd

SP2053	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2054	ASET73894	3/06/2019	SP fail due to AF/FA. Removed for storage	--	0.00068
SP2054A	ASET73894	3/06/2019	Intra lab duplicate	--	0.00023
SP2054B	SE193651	3/06/2019	Inter lab duplicate	--	0.01071
SP2054FP	ASET75569	6/08/2019	Footprint clearance/ valdiation post fail	--	nd
SP2055	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2056	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2057	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2057A	ASET73894	3/06/2019	Intra lab duplicate	--	nd
SP2057B	SE193651	3/06/2019	Inter lab duplicate	--	nd
SP2058	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2059	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2060	ASET73894	3/06/2019	Compliant Stockpile	--	nd
SP2061	ASET73894	3/06/2019	Compliant Stockpile	--	0.00007
SP2062	ASET73894	3/06/2019	SP fail due to AF/FA. Removed for storage	--	0.00163
SP2062FP	ASET74107	12/06/2019	Footprint clearance/ valdiation post fail	--	nd
SP2063	ASET73983	5/06/2019	Compliant Stockpile	--	nd
SP2063A	ASET73983	5/06/2019	Intra lab duplicate	--	nd
SP2063B	SE193792	5/06/2019	Inter lab duplicate	--	nd
SP2064	ASET73983	5/06/2019	Compliant Stockpile	--	0.00015
SP2064A	ASET73983	5/06/2019	Intra lab duplicate	--	nd
SP2064B	SE193792	5/06/2019	Inter lab duplicate	--	nd
SP2065	ASET73983	5/06/2019	Compliant Stockpile	--	nd
SP2065A	ASET73983	5/06/2019	Intra lab duplicate	--	nd
SP2065B	SE193792	5/06/2019	Inter lab duplicate	--	nd
SP2066	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2067	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2068	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2069	ASET73982	6/06/2019	Compliant Stockpile	--	0.00009
SP2070	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2071	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2072	ASET73982	6/06/2019	Compliant Stockpile	--	0.00003
SP2072A	ASET73982	6/06/2019	Intra lab duplicate	--	nd
SP2073	ASET73982	6/06/2019	Compliant Stockpile	0.001	nd
SP2074	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2075	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2076	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2077	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2078	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2079	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2080	ASET73982	6/06/2019	Compliant Stockpile	--	0.00011
SP2080A	ASET73982	6/06/2019	Intra lab duplicate	--	nd
SP2081	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2082	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2083	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2084	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2085	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2086	ASET73982	6/06/2019	Compliant Stockpile	--	nd
SP2087	ASET74039	7/06/2019	Compliant Stockpile	--	nd
SP2087A	ASET74039	7/06/2019	Intra lab duplicate	--	nd
SP2088	ASET74039	7/06/2019	SP fail due to ACM. SP re-picked	0.093	nd
SP2088-RP	--	10/06/2019	Compliant Stockpile	--	nd
SP2089	ASET74039	7/06/2019	Compliant Stockpile	--	nd
SP2090	ASET74039	7/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2090-RP	--	10/06/2019	Compliant Stockpile	--	nd
SP2091	ASET74039	7/06/2019	Compliant Stockpile	--	nd

SP2092	ASET74039	7/06/2019	Compliant Stockpile	--	nd
SP2093	ASET74039	7/06/2019	Compliant Stockpile	--	nd
SP2094	ASET74039	7/06/2019	Compliant Stockpile	--	nd
SP2095	ASET74039	7/06/2019	Compliant Stockpile	--	nd
SP2096	ASET74039	7/06/2019	Compliant Stockpile	--	nd
SP2097	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2098	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2098A	ASET74108	12/06/2019	Intra lab duplicate	--	nd
SP2098B	SE194091	12/06/2019	Inter lab duplicate	--	nd
SP2099	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2100	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2101	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2102	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2103	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2104	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2105	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2105A	ASET74108	12/06/2019	Intra lab duplicate	--	nd
SP2105B	SE194091	12/06/2019	Inter lab duplicate	--	nd
SP2106	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2107	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2108	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2109	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2110	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2111	ASET74108	12/06/2019	Compliant Stockpile	--	0.00002
SP2112	ASET74108	12/06/2019	Compliant Stockpile	--	0.00014
SP2112A	ASET74108	12/06/2019	Intra lab duplicate	--	nd
SP2112B	SE194091	12/06/2019	Inter lab duplicate	--	nd
SP2113	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2114	ASET74108	12/06/2019	Compliant Stockpile	--	0.00017
SP2115	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2116	ASET74108	12/06/2019	Compliant Stockpile	--	nd
SP2116A	ASET74108	12/06/2019	Intra lab duplicate	--	nd
SP2116B	SE194091	12/06/2019	Inter lab duplicate	--	nd
SP2117	ASET74148	13/06/2019	Compliant Stockpile	--	nd
SP2117A	ASET74148	13/06/2019	Intra lab duplicate	--	nd
SP2118	ASET74148	13/06/2019	SP fail due to ACM. SP re-picked	VF	0.00002
SP2118-RP	--	14/06/2019	Compliant Stockpile	--	nd
SP2119	ASET74148	13/06/2019	SP fail due to AF/FA. Removed for storage	VF	0.00150
SP2119FP	ASET75348	29/07/2019	Footprint clearance/ valdiation post fail	--	nd
SP2120	ASET74148	13/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2120-RP	--	14/06/2019	Compliant Stockpile	--	--
SP2121	ASET74148	13/06/2019	SP fail due to ACM. SP re-picked	VF	0.00081
SP2121-RP	--	14/06/2019	Compliant Stockpile	--	nd
SP2122	ASET74148	13/06/2019	Compliant Stockpile	--	nd
SP2123	ASET74148	13/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2123-RP	--	14/06/2019	Compliant Stockpile	--	nd
SP2124	ASET74148	13/06/2019	SP fail due to ACM. SP re-picked	VF	0.00041
SP2124-RP	--	14/06/2019	Compliant Stockpile	--	nd
SP2125	ASET74148	13/06/2019	SP fail due to ACM. SP re-picked	VF	0.00002
SP2125-RP	--	14/06/2019	Compliant Stockpile	--	nd
SP2126	ASET74148	13/06/2019	SP fail due to ACM. SP re-picked	VF	0.00015
SP2126-RP	--	14/06/2019	Compliant Stockpile	--	nd
SP2127	ASET74148	13/06/2019	Compliant Stockpile	--	nd
SP2127A	ASET74148	13/06/2019	Intra lab duplicate	--	nd
SP2128	ASET74148	13/06/2019	Compliant Stockpile	--	0.00001
SP2129	ASET74211	14/06/2019	Compliant Stockpile	--	nd

SP2129A	ASET74211	14/06/2019	Intra lab duplicate	--	nd
SP2129B	SE194135	14/06/2019	Inter lab duplicate	--	nd
SP2130	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2130A	ASET74211	14/06/2019	Intra lab duplicate	--	nd
SP2130B	SE194135	14/06/2019	Inter lab duplicate	--	nd
SP2131	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2131A	ASET74211	14/06/2019	Intra lab duplicate	--	nd
SP2131B	SE194135	14/06/2019	Inter lab duplicate	--	nd
SP2132	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2132A	ASET74211	14/06/2019	Intra lab duplicate	--	nd
SP2132B	SE194135	14/06/2019	Inter lab duplicate	--	nd
SP2133	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2134	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2135	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2136	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2137	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2138	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2139	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2140	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2141	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2142	ASET74211	14/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2142-RP	--	17/06/2019	Compliant Stockpile	--	nd
SP2143	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2144	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2145	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2146	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2147	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2148	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2149	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2150	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2151	ASET74211	14/06/2019	SP fail due to AF/FA. Removed for storage	VF	0.00119
SP2151FP	ASET75569	6/08/2019	Footprint clearance/ valdiation post fail	--	nd
SP2152	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2153	ASET74211	14/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2153-RP	--	17/06/2019	Compliant Stockpile	--	--
SP2154	ASET74211	14/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2154-RP	--	17/06/2019	Compliant Stockpile	--	nd
SP2155	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2156	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2157	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2158	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2159	ASET74211	14/06/2019	Compliant Stockpile	--	nd
SP2160	ASET74250	17/06/2019	Compliant Stockpile	--	nd
SP2160A	ASET74250	17/06/2019	Intra lab duplicate	--	nd
SP2160B	SE194223	17/06/2019	Inter lab duplicate	--	nd
SP2161	ASET74250	17/06/2019	Compliant Stockpile	--	nd
SP2161A	ASET74250	17/06/2019	Intra lab duplicate	--	nd
SP2161B	SE194223	17/06/2019	Inter lab duplicate	--	nd
SP2162	ASET74250	17/06/2019	Compliant Stockpile	--	nd
SP2162A	ASET74250	17/06/2019	Intra lab duplicate	--	nd
SP2162B	SE194223	17/06/2019	Inter lab duplicate	--	nd
SP2163	ASET74273	18/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2163-RP	--	19/06/2019	Compliant Stockpile	--	nd
SP2164	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2165	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2166	ASET74273	18/06/2019	SP fail due to ACM. SP re-picked	VF	nd

SP2166-RP	--	19/06/2019	Compliant Stockpile	--	nd
SP2167	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2168	ASET74273	18/06/2019	SP fail due to AF/FA. Removed for storage	--	0.00166
SP2168A	ASET74273	18/06/2019	Intra lab duplicate	--	nd
SP2168B	SE194275	18/06/2019	Inter lab duplicate	--	nd
SP2168FP	ASET75569	6/08/2019	Footprint clearance/ valdiation post fail	--	nd
SP2169	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2170	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2171	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2172	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2173	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2173A	ASET74273	18/06/2019	Intra lab duplicate	--	nd
SP2173B	SE194275	18/06/2019	Inter lab duplicate	--	nd
SP2174	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2174A	ASET74273	18/06/2019	Intra lab duplicate	--	nd
SP2174B	SE194275	18/06/2019	Inter lab duplicate	--	nd
SP2175	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2175A	ASET74273	18/06/2019	Intra lab duplicate	--	nd
SP2175B	SE194275	18/06/2019	Inter lab duplicate	--	nd
SP2176	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2177	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2178	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2179	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2180	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2180A	ASET74273	18/06/2019	Intra lab duplicate	--	nd
SP2180B	SE194275	18/06/2019	Inter lab duplicate	--	nd
SP2181	ASET74273	18/06/2019	Compliant Stockpile	--	nd
SP2182	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2183	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2184	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2185	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2186	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2187	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2188	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2189	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2190	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2191	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2192	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2193	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2194	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2195	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2196	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2197	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2198	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2199	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2200	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2201	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2202	ASET74334	19/06/2019	Compliant Stockpile	--	0.00007
SP2203	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2204	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2205	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2206	ASET74334	19/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2206-RP	--	3/07/2019	Compliant Stockpile	--	nd
SP2207	ASET74334	19/06/2019	SP fail due to ACM. SP re-picked	VF	0.00073
SP2207-RP	--	3/07/2019	Compliant Stockpile	--	nd
SP2208	ASET74334	19/06/2019	Compliant Stockpile	--	nd

SP2209	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2210	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2211	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2212	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2213	ASET74334	19/06/2019	Compliant Stockpile	--	0.00003
SP2214	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2215	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2216	ASET74334	19/06/2019	Compliant Stockpile	--	nd
SP2217	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2217A	ASET74362	20/06/2019	Intra lab duplicate	--	nd
SP2217B	SE194397	20/06/2019	Inter lab duplicate	--	nd
SP2218	ASET74362	20/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2218A	ASET74362	20/06/2019	Intra lab duplicate	VF	nd
SP2218B	SE194397	20/06/2019	Inter lab duplicate	VF	nd
SP2218-RP	--	3/07/2019	Compliant Stockpile	--	nd
SP2219	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2219A	ASET74362	20/06/2019	Intra lab duplicate	--	nd
SP2219B	SE194397	20/06/2019	Inter lab duplicate	--	nd
SP2220	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2220A	ASET74362	20/06/2019	Intra lab duplicate	--	nd
SP2220B	SE194397	20/06/2019	Inter lab duplicate	--	nd
SP2221	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2222	ASET74362	20/06/2019	Compliant Stockpile	--	0.00042
SP2223	ASET74362	20/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2223-RP	--	21/06/2019	Compliant Stockpile	--	--
SP2224	ASET74362	20/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2224-RP	--	3/07/2019	Compliant Stockpile	--	nd
SP2225	ASET74362	20/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2225	--	3/07/2019	Compliant Stockpile	--	nd
SP2226	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2227	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2228	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2229	ASET74362	20/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2229	--	3/07/2019	Compliant Stockpile	--	nd
SP2230	ASET74362	20/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2230	--	3/07/2019	Compliant Stockpile	--	nd
SP2231	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2232	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2233	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2234	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2235	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2236	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2237	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2238	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2239	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2240	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2241	ASET74362	20/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2241-RP	--	21/06/2019	Compliant Stockpile	--	--
SP2242	ASET74362	20/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2242-RP	--	21/06/2019	Compliant Stockpile	--	--
SP2243	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2244	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2245	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2246	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2247	ASET74362	20/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2247-RP	--	3/07/2019	Compliant Stockpile	--	nd

SP2248	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2249	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2250	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2251	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2252	ASET74362	20/06/2019	Compliant Stockpile	--	nd
SP2253	ASET74421	21/06/2019	Compliant Stockpile	--	nd
SP2253A	ASET74421	21/06/2019	Intra lab duplicate	--	nd
SP2254	ASET74421	21/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2254-RP	--	3/07/2019	Compliant Stockpile	--	nd
SP2255	ASET74421	21/06/2019	Compliant Stockpile	--	nd
SP2256	ASET74421	21/06/2019	Compliant Stockpile	--	nd
SP2257	ASET74421	21/06/2019	Compliant Stockpile	--	nd
SP2258	ASET74421	21/06/2019	Compliant Stockpile	--	nd
SP2259	ASET74421	21/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2259-RP	--	3/07/2019	Compliant Stockpile	--	nd
SP2260	ASET74512	26/06/2019	SP fail due to AF/FA in Duplicate sample	--	nd
SP2260-A	ASET74512	26/06/2019	Intra lab duplicate	--	0.00194
SP2260-B	SE194642	26/06/2019	Inter lab duplicate	--	nd
SP2260-FP	ASET74936	12/07/2019	Footprint clearance/ valdiation post fail	--	nd
SP2261	ASET74512	26/06/2019	Compliant Stockpile	--	nd
SP2261-A	ASET74512	26/06/2019	Intra lab duplicate	--	nd
SP2261-B	SE194642	26/06/2019	Inter lab duplicate	--	nd
SP2262	ASET74512	26/06/2019	SP fail due to AF/FA. Removed for storage	--	0.00427
SP2262-A	ASET74512	26/06/2019	Intra lab duplicate	--	nd
SP2262-B	SE194642	26/06/2019	Inter lab duplicate	--	nd
SP2262-FP	ASET74936	12/07/2019	Footprint clearance/ valdiation post fail	--	nd
SP2263	ASET74512	26/06/2019	Compliant Stockpile	--	nd
SP2264	ASET74512	26/06/2019	Compliant Stockpile	--	nd
SP2265	ASET74512	26/06/2019	Compliant Stockpile	--	nd
SP2266	ASET74512	26/06/2019	Compliant Stockpile	--	nd
SP2267	ASET74512	26/06/2019	Compliant Stockpile	--	nd
SP2268	ASET74512	26/06/2019	Compliant Stockpile	--	nd
SP2269	ASET74512	26/06/2019	Compliant Stockpile	--	nd
SP2270	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2270A	ASET74539	27/06/2019	Intra lab duplicate	--	nd
SP2271	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2272	ASET74539	27/06/2019	Compliant Stockpile	0.007	0.00043
SP2273	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2274	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2275	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2276	ASET74539	27/06/2019	Compliant Stockpile	0.001	nd
SP2277	ASET74539	27/06/2019	Compliant Stockpile	0.029	0.00039
SP2278	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2279	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2280	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2280A	ASET74539	27/06/2019	Intra lab duplicate	--	nd
SP2281	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2282	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2283	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2284	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2285	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2286	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2287	ASET74539	27/06/2019	Compliant Stockpile	--	nd
SP2288	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2289	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2290	ASET74563	28/06/2019	Compliant Stockpile	--	nd

SP2291	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2292	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2293	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2293A	ASET74563	28/06/2019	Intra lab duplicate	--	nd
SP2294	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2295	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2296	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2297	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2298	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2299	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2300	ASET74563	28/06/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2300-RP	--	1/07/2019	Compliant Stockpile	--	--
SP2301	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2302	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2302A	ASET74563	28/06/2019	Intra lab duplicate	--	nd
SP2303	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2304	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2305	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2306	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2307	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2308	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2309	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2309A	ASET74563	28/06/2019	Intra lab duplicate	--	nd
SP2310	ASET74563	28/06/2019	Compliant Stockpile	--	nd
SP2311	ASET74589	1/07/2019	Compliant Stockpile	--	nd
SP2311A	ASET74589	1/07/2019	Intra lab duplicate	--	nd
SP2311B	SE194806	1/07/2019	Inter lab duplicate	--	nd
SP2312	ASET74589	1/07/2019	Compliant Stockpile	--	nd
SP2312A	ASET74589	1/07/2019	Intra lab duplicate	--	nd
SP2312B	SE194806	1/07/2019	Inter lab duplicate	--	nd
SP2313	ASET74589	1/07/2019	Compliant Stockpile	--	nd
SP2313A	ASET74589	1/07/2019	Intra lab duplicate	--	0.00013
SP2313B	SE194806	1/07/2019	Inter lab duplicate	--	nd
SP2314	ASET74589	1/07/2019	Compliant Stockpile	--	nd
SP2315	ASET74589	1/07/2019	Compliant Stockpile	--	nd
SP2316	ASET74589	1/07/2019	Compliant Stockpile	--	nd
SP2317	ASET74589	1/07/2019	Compliant Stockpile	--	nd
SP2318	ASET74589	1/07/2019	Compliant Stockpile	--	0.00034
SP2319	ASET74589	1/07/2019	Compliant Stockpile	--	nd
SP2320	ASET74589	1/07/2019	Compliant Stockpile	--	nd
SP2321	ASET74589	1/07/2019	Compliant Stockpile	--	nd
SP2322	ASET74621	2/07/2019	Compliant Stockpile	--	0.00001
SP2323	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2324	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2325	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2324	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2325	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2326	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2327	ASET74621	2/07/2019	Compliant Stockpile	--	0.00001
SP2328	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2329	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2330	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2331	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2332	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2333	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2334	ASET74621	2/07/2019	Compliant Stockpile	--	nd

SP2335	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2336	ASET74621	2/07/2019	Compliant Stockpile	--	nd
SP2337	ASET74621	2/07/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2337-RP	--	3/07/2019	Compliant Stockpile	--	--
SP2338	ASET74621	2/07/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2338-RP	--	3/07/2019	Compliant Stockpile	--	--
SP2339	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2340	ASET74677	3/07/2019	Compliant Stockpile	--	0.00004
SP2341	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2342	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2343	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2344	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2345	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2345A	ASET74677	3/07/2019	Intra lab duplicate	--	nd
SP2345B	SE194963	3/07/2019	Inter lab duplicate	--	nd
SP2346	ASET74677	3/07/2019	Compliant Stockpile	--	0.00014
SP2347	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2348	ASET74677	3/07/2019	Compliant Stockpile	--	0.00029
SP2349	ASET74677	3/07/2019	SP fail due to ACM. SP re-picked	VF	0.00045
SP2349-RP	--	4/07/2019	Compliant Stockpile	--	--
SP2350	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2351	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2351A	ASET74677	3/07/2019	Intra lab duplicate	--	nd
SP2351B	SE194963	3/07/2019	Inter lab duplicate	--	nd
SP2352	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2353	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2354	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2355	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2355A	ASET74677	3/07/2019	Intra lab duplicate	--	0.00004
SP2355B	SE194963	3/07/2019	Inter lab duplicate	--	nd
SP2356	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2357	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2358	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2359	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2360	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2361	ASET74677	3/07/2019	Compliant Stockpile	--	0.00042
SP2362	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2362A	ASET74677	3/07/2019	Intra lab duplicate	--	nd
SP2362B	SE194963	3/07/2019	Inter lab duplicate	--	nd
SP2363	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2364	ASET74677	3/07/2019	Compliant Stockpile	--	nd
SP2365	ASET74822	9/07/2019	Compliant Stockpile	--	nd
SP2365A	ASET74822	9/07/2019	Intra lab duplicate	0.0015	nd
SP2366	ASET74822	9/07/2019	Compliant Stockpile	--	nd
SP2367	ASET74822	9/07/2019	Compliant Stockpile	--	nd
SP2368	ASET74822	9/07/2019	Compliant Stockpile	--	nd
SP2369	ASET74822	9/07/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2369RP	--	3/07/2019	Compliant Stockpile	--	--
SP2370	ASET74822	9/07/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2370-RP	--	10/07/2019	Compliant Stockpile	--	--
SP2371	ASET74822	9/07/2019	Compliant Stockpile	--	nd
SP2372	ASET74822	9/07/2019	Compliant Stockpile	--	nd
SP2373	ASET74822	9/07/2019	SP fail due to ACM. SP re-picked	VF	nd
SP2373A	ASET74822	9/07/2019	Intra lab duplicate	VF	nd
SP2373-RP	--	10/07/2019	Compliant Stockpile	--	--
SP2374	ASET74822	9/07/2019	Compliant Stockpile	--	nd

SP2375	ASET74822	9/07/2019	Compliant Stockpile	--	nd
SP2376	ASET74822	9/07/2019	Compliant Stockpile	--	nd
SP2377	ASET74853	10/07/2019	Compliant Stockpile	--	nd
SP2378	ASET74853	10/07/2019	Compliant Stockpile	--	0.00002
SP2379	ASET74853	10/07/2019	Compliant Stockpile	--	nd
SP2380	ASET74853	10/07/2019	Compliant Stockpile	--	nd
SP2381	ASET74853	10/07/2019	Compliant Stockpile	--	nd
SP2382	ASET74853	10/07/2019	Compliant Stockpile	--	nd
SP2383	ASET74853	10/07/2019	Compliant Stockpile	--	nd
SP2384	ASET74853	10/07/2019	Compliant Stockpile	--	0.00002
SP2384A	ASET74853	10/07/2019	Intra lab duplicate	--	nd
SP2385	ASET74853	10/07/2019	Compliant Stockpile	--	nd
SP2386	ASET74853	10/07/2019	Compliant Stockpile	--	nd
SP2387	ASET74853	10/07/2019	Compliant Stockpile	--	nd
SP2388	ASET74853	10/07/2019	Compliant Stockpile	--	0.00002
SP2389	ASET74937	12/07/2019	Compliant Stockpile	--	nd
SP2389A	ASET74937	12/07/2019	Intra lab duplicate	--	0.00009
SP2389B	SE195323	12/07/2019	Inter lab duplicate	--	nd
SP2390	ASET74937	12/07/2019	Compliant Stockpile	--	0.00019
SP2390A	ASET74937	12/07/2019	Intra lab duplicate	--	nd
SP2390B	SE195323	12/07/2019	Inter lab duplicate	--	nd
SP2391	ASET74937	12/07/2019	SP fail due to AF/FA. Removed for storage	--	nd
SP2391A	ASET74937	12/07/2019	Intra lab duplicate	--	0.00180
SP2391B	SE195323	12/07/2019	Inter lab duplicate	--	0.02039
SP2391 FP	ASET75208	23/07/2019	Footprint clearance/ valdiation post fail	--	nd
SP2392	ASET74937	12/07/2019	SP fail due to AF/FA. Removed for storage	--	nd
SP2392A	ASET74937	12/07/2019	Intra lab duplicate	0.003	nd
SP2392B	SE195323	12/07/2019	Inter lab duplicate	--	0.02511
SP2392 FP	ASET75208	23/07/2019	Footprint clearance/ valdiation post fail	--	nd
SP2393	ASET74937	12/07/2019	Compliant Stockpile	--	0.00001
SP2394	ASET74937	12/07/2019	Compliant Stockpile	--	nd
SP2395	ASET74937	12/07/2019	SP fail due to AF/FA. Removed for storage	--	0.00211
SP2395 FP	ASET75229	24/07/2019	Footprint clearance/ valdiation post fail	--	nd
SP2396	ASET74937	12/07/2019	Compliant Stockpile	--	nd
SP2397	ASET74937	12/07/2019	Compliant Stockpile	--	nd
SP2398	ASET74985	15/07/2019	Compliant Stockpile	--	nd
SP2399	ASET74985	15/07/2019	Compliant Stockpile	--	nd
SP2400	ASET74985	15/07/2019	Compliant Stockpile	--	nd
SP2401	ASET74985	15/07/2019	SP fail due to AF/FA. Removed for storage	--	0.00169
SP2401 FP	ASET75208	23/07/2019	Footprint failed and rescraped	--	0.00002
SP2401 FP	ASET75320	26/07/2019	Footprint clearance/ valdiation post fail	--	nd
SP2402	ASET74985	15/07/2019	Compliant Stockpile	--	0.00005
SP2403	ASET74985	15/07/2019	Compliant Stockpile	--	nd
SP2404	ASET74985	15/07/2019	Compliant Stockpile	--	nd
SP2405	ASET74985	15/07/2019	Compliant Stockpile	--	nd
SP2405A	ASET74985	15/07/2019	Intra lab duplicate	--	nd
SP2406	ASET74984	16/07/2019	Compliant Stockpile	--	nd
SP2407	ASET74984	16/07/2019	Compliant Stockpile	--	nd
SP2408	ASET74984	16/07/2019	Compliant Stockpile	--	nd
SP2409	ASET74984	16/07/2019	Compliant Stockpile	--	nd
SP2410	ASET74984	16/07/2019	Compliant Stockpile	--	nd
SP2411	ASET74984	16/07/2019	Compliant Stockpile	--	nd
SP2412	ASET74984	16/07/2019	Compliant Stockpile	--	nd
SP2412A	ASET74984	16/07/2019	Intra lab duplicate	--	nd
SP2413	ASET75039	17/07/2019	SP fail due to AF/FA. Removed for storage	--	nd
SP2413A	ASET75039	17/07/2019	Intra lab duplicate	--	nd

SP2413B	SE195474	17/07/2019	Inter lab duplicate	--	0.00216
SP2413 FP	ASET75208	23/07/2019	Footprint clearance/ valdiation post fail	--	0.00032
SP2413 FP	ASET75320	26/07/2019	Footprint clearance/ valdiation post fail	--	nd
SP2414	ASET75039	17/07/2019	SP fail due to AF/FA. Removed for storage	--	0.00001
SP2414A	ASET75039	17/07/2019	Intra lab duplicate	--	nd
SP2414B	SE195474	17/07/2019	Inter lab duplicate	--	0.02134
SP2414 FP	ASET75208	23/07/2019	Footprint clearance/ valdiation post fail	--	nd
SP2415	ASET75039	17/07/2019	Compliant Stockpile	--	nd
SP2415A	ASET75039	17/07/2019	Intra lab duplicate	--	nd
SP2415B	SE195474	17/07/2019	Inter lab duplicate	--	nd
SP2416	ASET75091	18/07/2019	Compliant Stockpile	--	nd
SP2417	ASET75091	18/07/2019	Compliant Stockpile	--	nd
SP2418	ASET75091	18/07/2019	Compliant Stockpile	--	nd
SP2419	ASET75091	18/07/2019	Compliant Stockpile		0.00024
SP2420	ASET75091	18/07/2019	Compliant Stockpile	--	nd
SP2421	ASET75091	18/07/2019	Compliant Stockpile		0.00016
SP2422	ASET75091	18/07/2019	Compliant Stockpile	--	nd
SP2423	ASET75090	18/07/2019	Compliant Stockpile	--	nd
SP2424	ASET75090	18/07/2019	Compliant Stockpile	--	nd
SP2425	ASET75090	18/07/2019	Compliant Stockpile	--	nd
SP2426	ASET75090	18/07/2019	Compliant Stockpile	0.001	nd
SP2427	ASET75124	19/07/2019	Compliant Stockpile	--	nd
SP2427A	ASET75124	19/07/2019	Intra lab duplicate	--	0.00031
SP2428	ASET75124	19/07/2019	Compliant Stockpile	--	nd
SP2429	ASET75124	19/07/2019	Compliant Stockpile	--	nd
SP2430	ASET75124	19/07/2019	Compliant Stockpile	--	nd
SP2431	ASET75124	19/07/2019	Compliant Stockpile	--	nd
SP2432	ASET75124	19/07/2019	Compliant Stockpile	--	nd
SP2433	ASET75124	19/07/2019	Compliant Stockpile	--	nd
SP2434	ASET75124	19/07/2019	Compliant Stockpile	--	nd
SP2435	ASET75169	22/07/2019	Compliant Stockpile	--	nd
SP2435 A	ASET75169	22/07/2019	Intra lab duplicate	--	0.00001
SP2435 B	SE195611	22/07/2019	Inter lab duplicate	--	0.00106
SP2436	ASET75169	22/07/2019	Compliant Stockpile	--	nd
SP2436 A	ASET75169	22/07/2019	Intra lab duplicate	--	0.00056
SP2436 B	SE195611	22/07/2019	Inter lab duplicate	--	nd
SP2437	ASET75169	22/07/2019	Compliant Stockpile	--	nd
SP2437 A	ASET75169	22/07/2019	Intra lab duplicate	--	nd
SP2437 B	SE195611	22/07/2019	Inter lab duplicate	--	nd
SP2438	ASET75169	22/07/2019	Compliant Stockpile	--	nd
SP2439	ASET75169	22/07/2019	Compliant Stockpile	--	0.00004
SP2440	ASET75169	22/07/2019	Compliant Stockpile	--	0.00047
SP2441	ASET75169	22/07/2019	Compliant Stockpile	--	nd
SP2442	ASET75169	22/07/2019	Compliant Stockpile	--	nd
SP2443	ASET75169	22/07/2019	Compliant Stockpile	--	nd
SP2444	ASET75207	23/07/2019	Compliant Stockpile	--	0.00023
SP2444A	ASET75207	23/07/2019	Intra lab duplicate	--	nd
SP2445	ASET75207	23/07/2019	Compliant Stockpile	--	0.00003
SP2446	ASET75207	23/07/2019	Compliant Stockpile	--	nd
SP2447	ASET75207	23/07/2019	Compliant Stockpile	--	nd
SP2448	ASET75207	23/07/2019	Compliant Stockpile	--	nd
SP2449	ASET75208	23/07/2019	Compliant Stockpile	--	nd
SP2450	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2451	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2452	ASET75230	24/07/2019	Compliant Stockpile	--	0.00001
SP2453	ASET75230	24/07/2019	Compliant Stockpile	--	nd

SP2454	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2455	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2455A	ASET75230	24/07/2019	Intra lab duplicate	--	nd
SP2456	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2457	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2458	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2459	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2460	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2461	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2462	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2463	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2464	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2465	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2466	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2467	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2468	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2469	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2470	ASET75230	24/07/2019	Compliant Stockpile	--	nd
SP2471	ASET75275	25/07/2019	Compliant Stockpile	--	0.00051
SP2471A	ASET75275	25/07/2019	Intra lab duplicate	--	nd
SP2472	ASET75275	25/07/2019	SP fail due to ACM. SP to be re-picked	VF	0.00001
Sp2472-RP	-	30/07/2019	Compliant Stockpile	--	--
SP2473	ASET75275	25/07/2019	Compliant Stockpile	--	nd
SP2474	ASET75275	25/07/2019	Compliant Stockpile	--	nd
SP2475	ASET75275	25/07/2019	Compliant Stockpile	--	nd
SP2476	ASET75275	25/07/2019	Compliant Stockpile	--	nd
SP2477	ASET75275	25/07/2019	Compliant Stockpile	--	0.00001
SP2478	ASET75275	25/07/2019	Compliant Stockpile	--	nd
SP2479	ASET75275	25/07/2019	Compliant Stockpile	--	nd
SP2480	ASET75321	26/07/2019	Compliant Stockpile	--	nd
SP2480A	ASET75321	26/07/2019	Intra lab duplicate	--	nd
SP2481	ASET75321	26/07/2019	Compliant Stockpile	--	nd
SP2482	ASET75321	26/07/2019	Compliant Stockpile	--	nd
SP2483	ASET75321	26/07/2019	Compliant Stockpile	--	nd
SP2484	ASET75321	26/07/2019	Compliant Stockpile	--	0.00004
SP2485	ASET75321	26/07/2019	Compliant Stockpile	--	nd
SP2486	ASET75321	26/07/2019	Compliant Stockpile	--	nd
SP2487	ASET75321	26/07/2019	Compliant Stockpile	--	0.00002
SP2488	ASET75321	26/07/2019	Compliant Stockpile	--	nd
SP2489	ASET75321	26/07/2019	Compliant Stockpile	--	nd
SP2490	ASET75321	26/07/2019	Compliant Stockpile	--	0.00007
SP2490A	ASET75321	26/07/2019	Intra lab duplicate	--	nd
SP2491	ASET75321	26/07/2019	Compliant Stockpile	--	nd
SP2492	ASET75321	26/07/2019	Compliant Stockpile	--	nd
SP2493	ASET75347	29/07/2019	Compliant Stockpile	--	nd
SP2493A	ASET75347	29/07/2019	Intra lab duplicate	--	nd
SP2494	ASET75347	29/07/2019	Compliant Stockpile	--	nd
SP2495	ASET75347	29/07/2019	Compliant Stockpile	--	nd
SP2496	ASET75347	29/07/2019	Compliant Stockpile	--	nd
SP2497	ASET75347	29/07/2019	Compliant Stockpile	--	nd
SP2498	ASET75347	29/07/2019	Compliant Stockpile	--	nd
SP2499	ASET75347	29/07/2019	Compliant Stockpile	--	nd
SP2500	ASET75347	29/07/2019	Compliant Stockpile	--	nd
SP2501	ASET75371	30/07/2019	Compliant Stockpile	--	nd
SP2501A	ASET75371	30/07/2019	Intra lab duplicate	--	nd
SP2501B	SE195930	30/07/2019	Inter lab duplicate	--	nd

SP2502	ASET75371	30/07/2019	Compliant Stockpile	--	nd
SP2502A	ASET75371	30/07/2019	Intra lab duplicate	--	nd
SP2502B	SE195930	30/07/2019	Inter lab duplicate	--	nd
SP2503	ASET75371	30/07/2019	Compliant Stockpile	--	nd
SP2503A	ASET75371	30/07/2019	Intra lab duplicate	--	nd
SP2503B	SE195930	30/07/2019	Inter lab duplicate	--	nd
SP2504	ASET75371	30/07/2019	Compliant Stockpile	--	nd
SP2505	ASET75371	30/07/2019	Compliant Stockpile	--	nd
SP2506	ASET75371	30/07/2019	Compliant Stockpile	--	nd
SP2507	ASET75371	30/07/2019	Compliant Stockpile	--	nd
SP2508	ASET75371	30/07/2019	Compliant Stockpile	--	nd
SP2509	ASET75371	30/07/2019	Compliant Stockpile	--	nd
SP2510	ASET75371	30/07/2019	Compliant Stockpile	--	nd
SP2511	ASET75371	30/07/2019	Compliant Stockpile	--	nd
S3V-1	SE195611	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-2	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-3	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-4	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-5	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-6	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-7	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-8	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-9	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-10	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-11	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-12	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-13	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-14	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-15	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-16	ASET75372	30/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-17	ASET75413	31/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-18	ASET75413	31/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-19	ASET75413	31/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-20	ASET75413	31/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-21	ASET75413	31/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-22	ASET75413	31/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-23	ASET75413	31/07/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-24	ASET75413	31/07/2019	Footprint clearance/ valdiation post fail	--	nd
SP2512	ASET75412	31/07/2019	Compliant Stockpile	--	0.00005
SP2513	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2514	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2515	ASET75412	31/07/2019	SP fail due to AF/FA. To be removed for storage	--	0.00243
FP2515	ASET75934	21/08/2019	Footprint clearance/ valdiation post fail	--	nd
SP2516	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2516A	ASET75412	31/07/2019	Intra lab duplicate	--	nd
SP2517	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2518	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2519	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2520	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2521	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2522	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2523	ASET75412	31/07/2019	Compliant Stockpile	--	0.00006
SP2524	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2525	ASET75412	31/07/2019	Compliant Stockpile	--	0.00001
SP2526	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2527	ASET75412	31/07/2019	Compliant Stockpile	--	0.00006

SP2527A	ASET75412	31/07/2019	Intra lab duplicate	--	nd
SP2528	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2529	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2530	ASET75412	31/07/2019	Compliant Stockpile	--	nd
SP2531	ASET75412	31/07/2019	Compliant Stockpile	--	nd
S3V-25	ASET75507	2/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-26	ASET75507	2/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-27	ASET75507	2/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-28	ASET75507	2/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-29	ASET75507	2/08/2019	Footprint clearance/ valdiation post fail	0.1201	nd
S3V-29-Retest	ASET75649	9/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-30	ASET75507	2/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-31	ASET75507	2/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-32	ASET75507	2/08/2019	Footprint clearance/ valdiation post fail	VF	nd
S3V-31-Retest	ASET75649	9/08/2019	Footprint clearance/ valdiation post fail	--	nd
SP2532	ASET75449	1/08/2018	Compliant Stockpile	--	nd
SP2533	ASET75449	1/08/2018	Compliant Stockpile	--	nd
SP2534	ASET75449	1/08/2018	Compliant Stockpile	--	nd
SP2535	ASET75449	1/08/2018	Compliant Stockpile	--	nd
SP2536	ASET75449	1/08/2018	Compliant Stockpile	--	nd
SP2537	ASET75449	1/08/2018	Compliant Stockpile	--	0.00049
SP2538	ASET75449	1/08/2018	Compliant Stockpile	--	0.00010
SP2539	ASET75506	2/08/2018	Compliant Stockpile	--	nd
SP2539A	ASET75506	2/08/2018	Intra lab duplicate	--	nd
SP2540	ASET75506	2/08/2018	SP fail due to ACM. SP to be re-picked	VF	0.00002
SP2540-RP	--	10/07/2019	Compliant Stockpile	--	--
SP2541	ASET75506	2/08/2018	Compliant Stockpile	--	0.00005
SP2542	ASET75506	2/08/2018	SP fail due to ACM. SP to be re-picked	VF	0.00004
SP2542-RP	--	10/07/2019	Compliant Stockpile	--	--
SP2543	ASET75506	2/08/2018	Compliant Stockpile	--	0.00003
SP2544	ASET75506	2/08/2018	Compliant Stockpile	--	nd
S3V-33	ASET75535	5/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-34	ASET75535	5/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-35	ASET75535	5/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-36	ASET75535	5/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-37	ASET75535	5/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-38	ASET75535	5/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-39	ASET75535	5/08/2019	Footprint clearance/ valdiation post fail	--	nd
S3V-40	ASET75535	5/08/2019	Footprint clearance/ valdiation post fail	--	nd
SP2545	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2546	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2547	ASET75536	5/08/2019	Compliant Stockpile	--	0.00001
SP2548	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2549	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2550	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2551	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2551-A	ASET75536	5/08/2019	Intra lab duplicate	--	nd
SP2552	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2553	ASET75536	5/08/2019	Compliant Stockpile	--	0.00010
SP2554	ASET75536	5/08/2019	Compliant Stockpile	--	0.00004
SP2555	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2556	ASET75536	5/08/2019	Compliant Stockpile	--	0.00017
SP2557	ASET75536	5/08/2019	SP fail due to AF/FA. To be removed for storage	--	0.00150
SP2557FP	ASET75731	13/08/2019	Footprint clearance/ valdiation post fail	--	nd
SP2558	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2559	ASET75536	5/08/2019	Compliant Stockpile	--	0.00005

SP2560	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2560-A	ASET75536	5/08/2019	Intra lab duplicate	--	0.00012
SP2561	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2562	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2563	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2564	ASET75536	5/08/2019	Compliant Stockpile	--	0.00013
SP2565	ASET75536	5/08/2019	Compliant Stockpile	--	0.00010
SP2566	ASET75536	5/08/2019	Compliant Stockpile	--	nd
SP2567	ASET75569	6/08/2019	Compliant Stockpile	--	nd
SP2568	ASET75569	6/08/2019	Compliant Stockpile	--	nd
SP2569	ASET75569	6/08/2019	Compliant Stockpile	--	nd
SP2570	ASET75569	6/08/2019	Compliant Stockpile	--	0.00081
SP2571	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2572	ASET75590	7/08/2019	Compliant Stockpile	--	0.00042
SP2573	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2574	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2574-A	ASET75590	7/08/2019	Intra lab duplicate	--	nd
SP2575	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2576	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2577	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2578	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2579	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2580	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2581	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2582	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2583	ASET75590	7/08/2019	Compliant Stockpile	--	nd
SP2584	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2584A	ASET75705	12/08/2019	Intra lab duplicate	--	nd
SP2585	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2586	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2587	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2588	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2589	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2590	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2591	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2592	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2593	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2594	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2595	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2596	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2597	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2598	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2598A	ASET75705	12/08/2019	Intra lab duplicate	--	nd
SP2599	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2600	ASET75705	12/08/2019	Compliant Stockpile	--	nd
SP2601	ASET75730	13/08/2019	SP fail due to AF/FA. To be removed for storage	--	0.00420
FP2601	ASET75934	21/08/2019	Footprint clearance/ valdiation post fail	--	0.00035
2601-FP-1	ASET76074	28/08/2019	Footprint clearance/ valdiation post fail	--	nd
SP2602	ASET75730	13/08/2019	Compliant Stockpile	--	nd
SP2603	ASET75730	13/08/2019	Compliant Stockpile	--	nd
SP2604	ASET75730	13/08/2019	Compliant Stockpile	--	nd
SP2605	ASET75730	13/08/2019	Compliant Stockpile	--	nd
SP2606	ASET75730	13/08/2019	Compliant Stockpile	--	0.00070
SP2606A	ASET75730	13/08/2019	Intra lab duplicate	--	nd
SP2607	ASET75730	13/08/2019	Compliant Stockpile	--	nd
SP2608	ASET75730	13/08/2019	Compliant Stockpile	--	nd

SP2609	ASET75730	13/08/2019	Compliant Stockpile	--	nd
SP2610	ASET75730	13/08/2019	Compliant Stockpile	--	0.00020
SP2611	ASET75730	13/08/2019	Compliant Stockpile	--	nd
SP2612	ASET75730	13/08/2019	Compliant Stockpile	--	nd
SP2613	ASET75730	13/08/2019	Compliant Stockpile	--	nd
SP2614	ASET75730	13/08/2019	Compliant Stockpile	--	nd
SP2615	ASET75768	14/08/2019	Compliant Stockpile	--	nd
SP2616	ASET75768	14/08/2019	Compliant Stockpile	--	nd
SP2617	ASET75768	14/08/2019	Compliant Stockpile	--	nd
SP2618	ASET75768	14/08/2019	Compliant Stockpile	--	nd
SP2619	ASET75768	14/08/2019	Compliant Stockpile	--	nd
SP2620	ASET75768	14/08/2019	Compliant Stockpile	--	0.0009
SP2621	ASET75768	14/08/2019	Compliant Stockpile	--	nd
SP2622	ASET75768	14/08/2019	Compliant Stockpile	--	nd
SP2623	ASET75819	15/08/2019	Compliant Stockpile	--	nd
SP2624	ASET75819	15/08/2019	Compliant Stockpile	--	nd
SP2625	ASET75819	15/08/2019	Compliant Stockpile	--	nd
SP2626	ASET75908	19/08/2019	Compliant Stockpile	--	nd
SP2627	ASET75908	19/08/2019	Compliant Stockpile	--	nd
SP2628	ASET75908	19/08/2019	Compliant Stockpile	--	0.00010
SP2629	ASET75908	19/08/2019	SP fail due to AF/FA. To be removed for storage	--	0.00160
SP2629-FP	ASET76428	13/09/2019	Footprint clearance/ valdiation post fail	--	nd
SP2629A	ASET75908	19/08/2019	Intra lab duplicate	--	nd
SP2630	ASET75908	19/08/2019	Compliant Stockpile	--	nd
SP2631	ASET75908	19/08/2019	Compliant Stockpile	--	nd
SP2632	ASET75908	19/08/2019	Compliant Stockpile	--	nd
SP2633	ASET75908	19/08/2019	Compliant Stockpile	--	nd
SP2634	ASET75909	20/08/2019	Compliant Stockpile	--	nd
SP2635	ASET75909	20/08/2019	Compliant Stockpile	--	nd
SP2636	ASET75909	20/08/2019	Compliant Stockpile	--	nd
SP2637	ASET75909	20/08/2019	Compliant Stockpile	--	nd
SP2638	ASET75909	20/08/2019	Compliant Stockpile	--	nd
SP2639	ASET75909	20/08/2019	Compliant Stockpile	--	nd
SP2640	ASET75909	20/08/2019	Compliant Stockpile	--	nd
SP2641	ASET75909	20/08/2019	Compliant Stockpile	--	nd
SP2642	ASET75909	20/08/2019	Compliant Stockpile	--	nd
SP2643	ASET75909	20/08/2019	Compliant Stockpile	--	nd
SP2644	ASET75933	21/08/2019	Compliant Stockpile	--	nd
SP2645	ASET75933	21/08/2019	Compliant Stockpile	--	nd
SP2646	ASET75933	21/08/2019	Compliant Stockpile	--	nd
SP2647	ASET75966	21/08/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2647-RP	--	10/07/2019	Compliant Stockpile	--	--
SP2648	ASET75966	22/08/2019	Compliant Stockpile	--	nd
SP2649	ASET75966	22/08/2019	Compliant Stockpile	--	nd
SP2650	ASET75966	22/08/2019	Compliant Stockpile	--	nd
SP2651	ASET75966	22/08/2019	Compliant Stockpile	--	nd
SP2652	ASET75966	22/08/2019	Compliant Stockpile	--	nd
SP2653	ASET75966	22/08/2019	Compliant Stockpile	--	nd
SP2654	ASET75966	22/08/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2654-RP	--	10/07/2019	Compliant Stockpile	--	--
SP2655	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2655A	ASET76002	23/08/2019	Intra lab duplicate	--	nd
SP2655B	SE196889	23/08/2019	Inter lab duplicate	--	nd
SP2656	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2657	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2658	ASET76002	23/08/2019	Compliant Stockpile	--	nd

SP2659	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2660	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2660A	ASET76002	23/08/2019	Intra lab duplicate	--	nd
SP2660B	SE196889	23/08/2019	Inter lab duplicate	--	nd
SP2661	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2662	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2663	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2664	ASET76002	23/08/2019	Compliant Stockpile	--	0.00001
SP2665	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2665A	ASET76002	23/08/2019	Intra lab duplicate	--	nd
SP2665B	SE196889	23/08/2019	Inter lab duplicate	--	nd
SP2666	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2667	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2668	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2668A	ASET76002	23/08/2019	Intra lab duplicate	--	nd
SP2668B	SE196889	23/08/2019	Inter lab duplicate	--	nd
SP2669	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2670	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2671	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2672	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2673	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2674	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2675	ASET76002	23/08/2019	Compliant Stockpile	--	nd
SP2676	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2677	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2678	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2679	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2680	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2681	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2682	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2683	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2684	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2685	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2686	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2687	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2688	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2689	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2689A	ASET6011	26/08/2019	Intra lab duplicate	--	nd
SP2690	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2691	ASET6011	26/08/2019	Compliant Stockpile	--	nd
SP2692	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2693	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2694	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2695	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2696	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2697	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2697A	ASET76054	27/08/2019	Intra lab duplicate	--	nd
SP2698	ASET76054	27/08/2019	SP fail due to AF/FA. To be removed for storage	--	0.00158
SP2698-FP	ASET76284	9/09/2019	Footprint clearance/ valdiation post fail	--	nd
SP2699	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2700	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2701	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2702	ASET76054	27/08/2019	Compliant Stockpile	--	0.0001
SP2703	ASET76054	27/08/2019	Compliant Stockpile	--	0.00013
SP2704	ASET76054	27/08/2019	Compliant Stockpile	--	0.00003
SP2705	ASET76054	27/08/2019	Compliant Stockpile	--	nd

SP2706	ASET76054	27/08/2019	Compliant Stockpile	--	0.00012
SP2707	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2708	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2709	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2710	ASET76054	27/08/2019	Compliant Stockpile	--	nd
SP2711	ASET76075	28/08/2019	Compliant Stockpile	--	0.0003
SP2712	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2713	ASET76075	28/08/2019	Stockpile failed due to ACM, needs to be repicked	VF	0.0003
SP2713-RP	--	10/07/2019	Compliant Stockpile	--	--
SP2714	ASET76075	28/08/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2714-RP	--	10/07/2019	Compliant Stockpile	--	--
SP2715	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2716	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2717	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2718	ASET76075	28/08/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2718-RP	--	23/09/2019	Compliant Stockpile	--	--
SP2719	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2720	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2721	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2722	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2723	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2724	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2724A	ASET76075	28/08/2019	Intra lab duplicate	--	nd
SP2725	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2726	ASET76075	28/08/2019	Compliant Stockpile	--	0.00002
SP2727	ASET76075	28/08/2019	Compliant Stockpile	--	
SP2728	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2729	ASET76075	28/08/2019	Compliant Stockpile	--	0.0003
SP2730	ASET76075	28/08/2019	SP fail due to AF/FA. To be removed for storage	--	0.002
SP2730A	ASET76075	28/08/2019	Intra lab duplicate	--	nd
SP2730B	SE197177	2/09/2019	SP fail due to AF/FA. To be removed for storage	--	0.00500
SP2730-FP	ASET76284	9/09/2019	Footprint clearance/ valdiation post fail	--	nd
SP2731	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2732	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2733	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2734	ASET76075	28/08/2019	Compliant Stockpile	--	nd
SP2735	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2736	ASET76156	2/09/2019	Compliant Stockpile	--	0.00003
SP2736-A	ASET76156	2/09/2019	Intra lab duplicate	--	nd
SP2736-B	SE197177	2/09/2019	Inter lab duplicate	--	nd
SP2737	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2738	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2739	ASET76156	2/09/2019	SP fail due to AF/FA. To be removed for storage	--	0.00500
SP2739-FP	ASET76284	9/09/2019	Footprint clearance/ valdiation post fail	--	nd
SP2740	ASET76156	2/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2740-RP	--	10/07/2019	Compliant Stockpile	--	--
SP2741	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2742	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2743	ASET76156	2/09/2019	Compliant Stockpile	--	0.00080
SP2744	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2745	ASET76156	2/09/2019	SP fail due to AF/FA. To be removed for storage	--	0.00200
SP2745-A	ASET76156	2/09/2019	Intra lab duplicate	--	nd
SP2745-B	SE197177	2/09/2019	SP fail due to AF/FA. To be removed for storage	--	0.00500
SP2745-FP	ASET76284	9/09/2019	Footprint clearance/ valdiation post fail	--	nd
SP2746	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2747	ASET76156	2/09/2019	Compliant Stockpile	--	nd

SP2748	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2749	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2750	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2751	ASET76156	2/09/2019	Compliant Stockpile	--	0.00003
SP2751-A	ASET76156	2/09/2019	Intra lab duplicate	--	nd
SP2751-B	SE197177	2/09/2019	Inter lab duplicate	--	nd
SP2752	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2753	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2754	ASET76156	2/09/2019	Compliant Stockpile	--	0.00005
SP2755	ASET76156	2/09/2019	Compliant Stockpile	--	0.00001
SP2756	ASET76156	2/09/2019	Compliant Stockpile	--	0.00001
SP2757	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2757-B	SE197177	2/09/2019	Inter lab duplicate	--	nd
SP2758	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2759	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2760	ASET76156	2/09/2019	Compliant Stockpile	--	0.00040
SP2761	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2762	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2757-A	ASET76156	2/09/2019	Intra lab duplicate	--	nd
SP2758	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2759	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2760	ASET76156	2/09/2019	Compliant Stockpile	--	0.00049
SP2761	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2762	ASET76156	2/09/2019	Compliant Stockpile	--	nd
SP2763	ASET76176	3/09/2019	Compliant Stockpile	--	0.00004
SP2764	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2765	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2766	ASET76176	3/09/2019	Stockpile failed due to ACM, needs to be repicked	--	nd
SP2766-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2767	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2768	ASET76176	3/09/2019	Compliant Stockpile	--	0.00028
SP2769	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2770	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2770-A	ASET76176	3/09/2019	Intra lab duplicate	--	nd
SP2771	ASET76176	3/09/2019	Stockpile failed due to ACM, needs to be repicked	--	nd
SP2771-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2772	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2773	ASET76176	3/09/2019	Compliant Stockpile	--	0.00002
SP2774	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2775	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2776	ASET76176	3/09/2019	Stockpile failed due to ACM, needs to be repicked		0.00002
SP2776-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2777	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2778	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2779	ASET76176	3/09/2019	Compliant Stockpile	--	0.00006
SP2780	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2780-A	ASET76176	3/09/2019	Intra lab duplicate	--	nd
SP2781	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2782	ASET76176	3/09/2019	Compliant Stockpile	--	0.00057
SP2783	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2784	ASET76176	3/09/2019	Compliant Stockpile	--	0.00007
SP2785	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2786	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2787	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2788	ASET76176	3/09/2019	Stockpile failed due to ACM, needs to be repicked	--	nd
SP2788-RP	--	25/09/2019	Compliant Stockpile	--	--

SP2789	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2790	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2790-A	ASET76176	3/09/2019	Intra lab duplicate	--	nd
SP2791	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2792	ASET76176	3/09/2019	Compliant Stockpile	--	nd
SP2793	ASET76176	3/09/2019	Stockpile failed due to ACM, needs to be repicked		0.00014
SP2793-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2794	ASET76176	3/09/2019	SP fail due to AF/FA. To be removed for storage		0.00137
SP2794-FP	ASET77153	21/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP2795	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2796	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2797	ASET76233	4/09/2019	SP fail due to AF/FA. To be removed for storage	--	nd
SP2797-A	ASET76233	4/09/2019	Intra lab duplicate	--	nd
SP2797-B	SE197266	4/09/2019	SP fail due to AF/FA. To be removed for storage	--	0.01659
SP2797-FP	ASET76529	20/09/2019	Footprint clearance/ valdiation post fail	--	nd
SP2798	ASET76233	4/09/2019	Compliant Stockpile	--	nd
SP1798-A	ASET76233	4/09/2019	Intra lab duplicate	--	nd
SP2798-B	SE197266	4/09/2019	Inter lab duplicate	--	nd
SP2799	ASET76233	4/09/2019	Compliant Stockpile	--	0.00060
SP2799-A	ASET76233	4/09/2019	Intra lab duplicate	--	nd
SP2799-B	SE197266	4/09/2019	Inter lab duplicate	--	nd
SP2800	ASET76233	4/09/2019	Compliant Stockpile	--	nd
SP2800-A	ASET76233	4/09/2019	Intra lab duplicate	--	nd
SP2800-B	SE197266	4/09/2019	Inter lab duplicate	--	nd
SP2801	ASET76233	4/09/2019	Compliant Stockpile	--	0.00005
SP2802	ASET76233	4/09/2019	Compliant Stockpile	--	nd
SP2803	ASET76233	4/09/2019	Compliant Stockpile	--	nd
SP2804	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2805	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2806	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2807	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2808	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2809	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2810	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2811	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2812	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2813	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2814	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2815	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2816	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2817	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2818	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2819	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2820	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2821	ASET76232	5/09/2019	Compliant Stockpile	--	nd
SP2822	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2822-A	ASET6245	6/09/2019	Intra lab duplicate	--	nd
SP2823	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2824	ASET6245	6/09/2019	Compliant Stockpile	--	0.00078
SP2825	ASET6245	6/09/2019	Compliant Stockpile	--	0.00006
SP2826	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2827	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2828	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2829	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2830	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2831	ASET6245	6/09/2019	Compliant Stockpile	--	nd

SP2832	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2833	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2834	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2835	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2836	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2837	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2838	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2839	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2840	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2841	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2842	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2843	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2844	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2845	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2846	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2847	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2848	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2849	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2850	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2851	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2852	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2853	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2854	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2855	ASET6245	6/09/2019	SP fail due to AF/FA. To be removed for storage	--	0.00113
SP2855-FP	ASET76529	20/09/2019	Footprint clearance/ valdiation post fail	--	0.00002
SP2855-FP	ASET77153	21/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP2856	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2857	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2858	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2859	ASET6245	6/09/2019	Compliant Stockpile	--	nd
SP2860	ASET76285	9/09/2019	Compliant Stockpile	--	nd
SP2861	ASET76285	9/09/2019	Compliant Stockpile	--	nd
SP2862	ASET76332	11/09/2019	Compliant Stockpile	--	0.00003
SP2862-A	ASET76332	11/09/2019	Intra lab duplicate	--	nd
SP2863	ASET76332	11/09/2019	Compliant Stockpile	--	0.00030
SP2864	ASET76332	11/09/2019	Compliant Stockpile	--	0.00009
SP2865	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2866	ASET76332	11/09/2019	Compliant Stockpile	0.0086	0.00010
SP2867	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2868	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2869	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2870	ASET76332	11/09/2019	Compliant Stockpile	0.0376	0.00080
SP2871	ASET76332	11/09/2019	Compliant Stockpile	0.003	0.00050
SP2872	ASET76332	11/09/2019	Compliant Stockpile	0.003	0.00020
SP2873	ASET76332	25/B3840:N3840	Compliant Stockpile	0.0042	nd
SP2874	ASET76332	11/09/2019	Compliant Stockpile	--	0.00003
SP2875	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2876	ASET76332	11/09/2019	Compliant Stockpile	--	0.00070
SP2877	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2878	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2879	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2880	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2881	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2882	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2883	ASET76332	11/09/2019	Compliant Stockpile	--	nd
SP2884	ASET76332	11/09/2019	Compliant Stockpile	--	0.00001

SP2885	ASET76332	11/09/2019	SP fail due to AF/FA. To be removed for storage	--	0.00200
SP2885-FP	ASET77153	21/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP2886	ASET76419	12/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	0.00070
SP2886-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2887	ASET76419	12/09/2019	Compliant Stockpile	--	0.00050
SP2888	ASET76419	12/09/2019	Compliant Stockpile	--	0.00080
SP2889	ASET76419	12/09/2019	Compliant Stockpile	--	0.00020
SP2890	ASET76419	12/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2890-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2891	ASET76419	12/09/2019	Compliant Stockpile	--	nd
SP2892	ASET76419	12/09/2019	Compliant Stockpile	--	0.00005
SP2893	ASET76419	12/09/2019	Compliant Stockpile	--	nd
SP2894	ASET76419	12/09/2019	Compliant Stockpile	--	0.00007
SP2895	ASET76529	20/09/2019	Compliant Stockpile	--	nd
SP2896	ASET76419	12/09/2019	Compliant Stockpile	--	0.00002
SP2897	ASET76419	12/09/2019	Compliant Stockpile	--	0.00005
SP2898	ASET76419	12/09/2019	Compliant Stockpile	--	0.00002
SP2899	ASET76419	12/09/2019	Compliant Stockpile	--	0.00008
SP2900	ASET76419	12/09/2019	Compliant Stockpile	--	0.00020
SP2901	ASET76419	12/09/2019	Compliant Stockpile	--	nd
SP2902	ASET76419	12/09/2019	Compliant Stockpile	--	nd
SP2903	ASET76419	12/09/2019	Compliant Stockpile	--	0.00030
SP2904	ASET76419	12/09/2019	Compliant Stockpile	--	0.00010
SP2905	ASET76419	12/09/2019	Compliant Stockpile	--	0.00030
SP2906	ASET76419	12/09/2019	Compliant Stockpile	--	nd
SP2907	ASET76419	12/09/2019	Compliant Stockpile	--	0.00005
SP2908	ASET76419	12/09/2019	Compliant Stockpile	--	0.00007
SP2909	ASET76419	12/09/2019	Compliant Stockpile	--	0.00003
SP2910	ASET76418	13/09/2019	Compliant Stockpile	--	0.00006
SP2910-A	ASET76418	13/09/2019	Intra lab duplicate	--	nd
SP2910-B	SE197690	13/09/2019	Inter lab duplicate	--	nd
SP2911	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2911-A	ASET76418	13/09/2019	Intra lab duplicate	--	0.00005
SP2911-B	SE197690	13/09/2019	Inter lab duplicate	--	nd
SP2912	ASET76418	13/09/2019	Compliant Stockpile	--	0.00030
SP2912-A	ASET76418	13/09/2019	Intra lab duplicate	--	0.00100
SP2912-B	SE197690	13/09/2019	Inter lab duplicate	--	nd
SP2913	ASET76418	13/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2913-A	ASET76418	13/09/2019	Intra lab duplicate	VF	0.00100
SP2913-B	SE197690	13/09/2019	Inter lab duplicate	VF	nd
SP2913-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2914	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2915	ASET76418	13/09/2019	SP fail due to AF/FA. To be removed for storage	--	0.00300
SP2915-FP	ASET78048	27/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3658	ASET77427	1/11/2019	Compliant Stockpile	--	nd
SP2916	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2917	ASET76418	13/09/2019	Compliant Stockpile	--	0.00010
SP2918	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2919	ASET76418	13/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	0.00050
SP2919-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2920	ASET76418	13/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2920-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2921	ASET76418	13/09/2019	Compliant Stockpile	--	0.00006
SP2922	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2923	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2924	ASET76418	13/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd

SP2924-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2925	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2926	ASET76418	13/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2926-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2927	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2928	ASET76418	13/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2928-RP	--	25/09/2019	Compliant Stockpile	--	--
SP2929	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2930	ASET76418	13/09/2019	SP fail due to AF/FA. To be removed for storage	--	0.00200
SP2930-FP	ASET77622	11/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3659	ASET77427	1/11/2019	Compliant Stockpile	--	nd
SP2931	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2932	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2933	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2934	ASET76418	13/09/2019	Compliant Stockpile	--	0.00050
SP2935	ASET76418	13/09/2019	Compliant Stockpile	--	nd
SP2936	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2936-A	ASET76436	16/09/2019	Intra lab duplicate	--	nd
SP2937	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2938	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2939	ASET76436	16/09/2019	Compliant Stockpile	--	0.00001
SP2940	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2941	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2942	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2943	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2944	ASET76436	16/09/2019	Compliant Stockpile	0.0047	nd
SP2945	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2946	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2947	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2948	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2949	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2950	ASET76436	16/09/2019	Compliant Stockpile	--	0.00003
SP2951	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2952	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2953	ASET76436	16/09/2019	Compliant Stockpile	--	0.00050
SP2954	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2955	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2956	ASET76436	16/09/2019	Compliant Stockpile	--	nd
SP2956-A	ASET76436	16/09/2019	Intra lab duplicate	--	nd
SP2957	ASET76531	20/09/2019	Compliant Stockpile	--	nd
SP2958	ASET76531	20/09/2019	Compliant Stockpile	--	nd
SP2959	ASET76531	20/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2959-RP	--	11/10/2019	Compliant Stockpile	--	--
SP2960	ASET76531	20/09/2019	Compliant Stockpile	--	nd
SP2961	ASET76531	20/09/2019	Compliant Stockpile	--	nd
SP2962	ASET76531	20/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2962-RP	--	11/10/2019	Compliant Stockpile	--	--
SP2963	ASET76531	20/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2963-RP	--	11/10/2019	Compliant Stockpile	--	--
SP2964	ASET76531	20/09/2019	Compliant Stockpile	--	0.00001
SP2964-A	ASET76531	20/09/2019	Intra lab duplicate	--	nd
SP2965	ASET76531	20/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	0.00016
SP2965-RP	--	11/10/2019	Compliant Stockpile	--	--
SP2966	ASET76531	20/09/2019	Compliant Stockpile	--	0.00041
SP2967	ASET76531	20/09/2019	Compliant Stockpile	--	0.00005
SP2968	ASET76531	20/09/2019	Compliant Stockpile	--	nd

SP2969	ASET76531	20/09/2019	Compliant Stockpile	--	nd
SP2970	ASET76531	20/09/2019	Compliant Stockpile	--	nd
SP2971	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2971-A	ASET76551	23/09/2019	Intra lab duplicate	--	nd
SP2972	ASET76551	23/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP2972-RP	--	11/10/2019	Compliant Stockpile	--	--
SP2973	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2974	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2975	ASET76551	23/09/2019	Compliant Stockpile	--	0.00015
SP2976	ASET76551	23/09/2019	Compliant Stockpile	--	<0.00001
SP2977	ASET76551	23/09/2019	Compliant Stockpile	--	0.00047
SP2978	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2979	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2980	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2980-A	ASET76551	23/09/2019	Intra lab duplicate	--	nd
SP2981	ASET76551	23/09/2019	Compliant Stockpile	--	<0.00001
SP2982	ASET76551	23/09/2019	Compliant Stockpile	--	0.00061
SP2983	ASET76551	23/09/2019	Compliant Stockpile	--	0.00011
SP2984	ASET76551	23/09/2019	Compliant Stockpile	--	0.00004
SP2985	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2986	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2987	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2988	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2989	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2990	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2991	ASET76551	23/09/2019	Compliant Stockpile	--	nd
SP2992	ASET76577	24/09/2019	Compliant Stockpile	--	0.00003
SP2993	ASET76577	24/09/2019	Compliant Stockpile	--	0.00012
SP2994	ASET76577	24/09/2019	Compliant Stockpile	--	0.00055
SP2995	ASET76577	24/09/2019	SP fail due to AF/FA. To be removed for storage		
SP2995-A	ASET76577	24/09/2019	SP fail due to AF/FA. To be removed for storage		0.00423
SP2995-B	SE198065	24/09/2019	Inter lab duplicate		
SP2995-FP	ASET78048	27/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3660	ASET77427	1/11/2019	Compliant Stockpile	--	nd
SP2996	ASET76577	24/09/2019	Compliant Stockpile	--	nd
SP2997	ASET76577	24/09/2019	Compliant Stockpile	--	nd
SP2998	ASET76577	24/09/2019	Compliant Stockpile	--	0.00008
SP2999	ASET76577	24/09/2019	Compliant Stockpile	--	nd
SP3000	ASET76577	24/09/2019	Compliant Stockpile	--	nd
SP3000-A	ASET76577	24/09/2019	Intra lab duplicate	--	nd
SP3000-B	SE198065	24/09/2019	Inter lab duplicate	--	nd
SP3001	ASET76577	24/09/2019	SP fail due to AF/FA. To be removed for storage		0.00108
SP3001-FP	ASET77153	21/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3002	ASET76577	24/09/2019	Compliant Stockpile	--	nd
SP3003	ASET76577	24/09/2019	Compliant Stockpile	--	nd
SP3004	ASET76577	24/09/2019	Compliant Stockpile	--	nd
SP3005	ASET76577	24/09/2019	Compliant Stockpile	--	0.00005
SP3006	ASET76577	24/09/2019	Compliant Stockpile	--	0.00059
SP3006-A	ASET76577	24/09/2019	Intra lab duplicate	--	0.00004
SP3006-B	SE198065	24/09/2019	Inter lab duplicate	--	nd
SP3007	ASET76577	24/09/2019	Compliant Stockpile	--	nd
SP3008	ASET76577	24/09/2019	Compliant Stockpile	--	nd
SP3009	ASET76577	24/09/2019	Compliant Stockpile	--	0.00003
SP3010	ASET76577	24/09/2019	Compliant Stockpile	--	0.00013
SP3011	ASET76577	24/09/2019	Compliant Stockpile	--	0.00097
SP3012	ASET76577	24/09/2019	Compliant Stockpile	--	0.00046
SP3013	ASET76577	24/09/2019	Compliant Stockpile	--	0.00008

SP3014	ASET76577	24/09/2019	Compliant Stockpile	--	nd
SP3014-A	ASET76577	24/09/2019	Intra lab duplicate	--	nd
SP3014-B	SE198065	24/09/2019	Inter lab duplicate	--	nd
SP3015	ASET76601	25/09/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP3015-RP	--	28/10/2019	Compliant Stockpile	--	--
SP3016	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3017	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3018	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3019	ASET76601	25/09/2019	Compliant Stockpile	--	0.00000
SP3020	ASET76601	25/09/2019	Compliant Stockpile	--	0.00017
SP3021	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3022	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3023	ASET76601	25/09/2019	Compliant Stockpile	--	0.00001
SP3024	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3024-A	ASET76601	25/09/2019	Intra lab duplicate	--	nd
SP3025	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3026	ASET76601	25/09/2019	Compliant Stockpile	--	0.00029
SP3027	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3028	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3029	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3030	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3031	ASET76601	25/09/2019	Compliant Stockpile	--	0.00001
SP3032	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3033	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3034	ASET76601	25/09/2019	Compliant Stockpile	--	0.00001
SP3035	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3036	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3037	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3038	ASET76601	25/09/2019	Compliant Stockpile	--	0.00001
SP3039	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3040	ASET76601	25/09/2019	Compliant Stockpile	--	nd
SP3040-A	ASET76601	25/09/2019	Intra lab duplicate	--	nd
SP3041	ASET76637	26/09/2019	Compliant Stockpile	--	0.00007
SP3042	ASET76637	26/09/2019	Compliant Stockpile	--	0.00020
SP3043	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3044	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3045	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3046	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3047	ASET76637	26/09/2019	SP fail due to AF/FA. To be removed for storage		0.00122
SP3047-FP	ASET77153	21/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3048	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3049	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3050	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3050a	ASET76637	26/09/2019	Intra lab duplicate	--	nd
SP3051	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3052	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3053	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3054	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3055	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3056	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3057	ASET76637	26/09/2019	Compliant Stockpile	--	0.00001
SP3058	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3059	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3060	ASET76637	26/09/2019	Compliant Stockpile	--	0.00001
SP3061	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3061a	ASET76637	26/09/2019	Intra lab duplicate	--	nd
SP3062	ASET76637	26/09/2019	Compliant Stockpile	--	nd

SP3063	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3064	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3065	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3066	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3067	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3068	ASET76637	26/09/2019	Compliant Stockpile	--	nd
SP3068a	ASET76637	26/09/2019	Intra lab duplicate	--	nd
SP3069	ASET76698	27/09/2019	Compliant Stockpile	--	0.00003
SP3070	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3071	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3072	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3073	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3074	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3075	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3076	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3077	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3077-A	ASET76698	27/09/2019	Intra lab duplicate	--	nd
SP3078	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3079	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3080	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3081	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3082	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3083	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3084	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3085	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3086	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3087	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3087-A	ASET76698	27/09/2019	Intra lab duplicate	--	0.00002
SP3088	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3089	ASET76698	27/09/2019	SP fail due to AF/FA. To be removed for storage	--	0.00173
SP3089-FP	ASET77343	28/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3090	ASET76698	27/09/2019	Compliant Stockpile	--	0.00005
SP3091	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3092	ASET76698	27/09/2019	Compliant Stockpile	--	nd
SP3093	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3094	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3095	ASET76725	30/09/2019	SP fail due to AF/FA. To be removed for storage		0.00200
SP3095-A	ASET76725	30/09/2019	SP fail due to AF/FA. To be removed for storage	--	nd
SP3095-B	SE198278	30/09/2019	SP fail due to AF/FA. To be removed for storage	--	nd
SP3095-FP	ASET77153	21/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3096	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3097	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3098	ASET76725	30/09/2019	SP fail due to AF/FA. To be removed for storage		0.00100
SP3098-FP	ASET77622	11/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3660-A	ASET77427	1/11/2019	SP fail due to AF/FA . To be removed for storage	--	0.00200
SP3660-FP	ASET77622	11/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3099	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3100	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3100-A	ASET76725	30/09/2019	Intra lab duplicate	--	0.00003
SP3100-B	SE198278	30/09/2019	Inter lab duplicate	--	nd
SP3101	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3102	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3103	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3104	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3105	ASET76725	30/09/2019	SP fail due to AF/FA. To be removed for storage		0.00200
SP3105-FP	ASET77153	21/10/2019	Footprint clearance/ valdiation post fail	--	nd

SP3106	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3107	ASET76725	30/09/2019	Compliant Stockpile	--	0.00010
SP3108	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3108-A	ASET76725	30/09/2019	Intra lab duplicate	--	nd
SP3108-B	SE198278	30/09/2019	Inter lab duplicate	--	nd
SP3109	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3110	ASET76725	30/09/2019	Compliant Stockpile	--	0.00025
SP3111	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3112	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3113	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3114	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3114-A	ASET76725	30/09/2019	Intra lab duplicate	--	nd
SP3114-B	SE198278	30/09/2019	Inter lab duplicate	--	nd
SP3115	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3116	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3117	ASET76725	30/09/2019	Compliant Stockpile	--	nd
SP3118	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3119	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3120	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3121	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3122	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3123	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3124	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3125	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3126	ASET76760	1/10/2019	Compliant Stockpile	--	0.00020
SP3127	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3128	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3129	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3129-A	ASET76760	1/10/2019	Intra lab duplicate	--	nd
SP3130	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3131	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3132	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3133	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3134	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3135	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3136	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3137	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3138	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3139	ASET76760	1/10/2019	Compliant Stockpile	--	0.00010
SP3140	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3140-A	ASET76760	1/10/2019	Intra lab duplicate	--	nd
SP3141	ASET76760	1/10/2019	Compliant Stockpile	--	nd
SP3142	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3143	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3144	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3145	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3146	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3147	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3148	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3149	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3150	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3151	ASET76776	2/10/2019	Compliant Stockpile	--	0.00095
SP3151-A	ASET76776	2/10/2019	Intra lab duplicate	--	nd
SP3152	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3153	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3154	ASET76776	2/10/2019	Compliant Stockpile	--	nd

SP3155	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3156	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3157	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3158	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3159	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3160	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3161	ASET76776	2/10/2019	Compliant Stockpile	--	0.00050
SP3161-A	ASET76776	2/10/2019	Intra lab duplicate	--	nd
SP3162	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3163	ASET76776	2/10/2019	Compliant Stockpile	--	0.00010
SP3164	ASET76776	2/10/2019	Compliant Stockpile	--	nd
SP3165	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3165-A	ASET76811	3/10/2019	Intra lab duplicate	--	nd
SP3165-B	SE198483	3/10/2019	Inter lab duplicate	--	nd
SP3166	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3167	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3168	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3169	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3170	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3170-A	ASET76811	3/10/2019	Intra lab duplicate	--	nd
SP3170-B	SE198483	3/10/2019	Inter lab duplicate	--	nd
SP3171	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3172	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3173	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3174	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3175	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3175-A	ASET76811	3/10/2019	Intra lab duplicate	--	nd
SP3175-B	SE198483	3/10/2019	Inter lab duplicate	--	nd
SP3176	ASET76811	3/10/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP3176-RP	--	25/10/2019	Compliant Stockpile	--	--
SP3177	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3178	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3179	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3180	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3181	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3182	ASET76811	3/10/2019	Compliant Stockpile	--	0.00040
SP3183	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3184	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3185	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3185-A	ASET76811	3/10/2019	Intra lab duplicate	--	nd
SP3185-B	SE198483	3/10/2019	Inter lab duplicate	--	nd
SP3186	ASET76811	3/10/2019	Compliant Stockpile	--	0.00001
SP3187	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3188	ASET76811	3/10/2019	Compliant Stockpile	--	nd
SP3189	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3190	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3191	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3192	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3193	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3194	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3195	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3196	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3197	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3197-A	ASET76840	4/10/2019	Intra lab duplicate	--	nd
SP3198	ASET76840	4/10/2019	Compliant Stockpile	--	<0.00003
SP3199	ASET76840	4/10/2019	Compliant Stockpile	--	<0.00001

SP3200	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3201	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3202	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3203	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3204	ASET76840	4/10/2019	Compliant Stockpile	--	0.00010
SP3205	ASET76840	4/10/2019	Stockpile failed due to ACM, needs to be repicked	--	nd
SP3205-RP	--	29/10/2019	Compliant Stockpile	--	--
SP3206	ASET76840	4/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00200
SP3206-FP	ASET77153	21/10/2019	Footprint clearance/ valdiation post fail	0.02	nd
SP3206-FP	ASET77343	28/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3207	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3208	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3209	ASET76840	4/10/2019	Compliant Stockpile	--	nd
SP3210	ASET76840	4/10/2019	Compliant Stockpile	--	0.00020
SP3211	ASET76840	4/10/2019	SP fail due to AF/FA. To be removed for storage		nd
SP3211-A	ASET76840	4/10/2019	Intra lab duplicate		0.00300
SP3211-FP	ASET78048	27/11/2019	Intra lab duplicate	--	nd
SP3661	ASET77427	1/11/2019	Intra lab duplicate	--	nd
SP3212	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3212-A	ASET76894	9/10/2019	Intra lab duplicate	--	<0.00001
SP3212-B	SE198621	9/10/2019	Inter lab duplicate	--	nd
SP3213	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3214	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3215	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3216	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3217	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3218	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3219	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3220	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3221	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3222	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3223	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3224	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3224-A	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3224-B	SE198621	9/10/2019	Inter lab duplicate	--	0.00244
SP3224-FP	ASET77343	28/10/2019	Inter lab duplicate	--	nd
SP3225	ASET76894	9/10/2019	Inter lab duplicate	--	nd
SP3226	ASET76894	9/10/2019	Inter lab duplicate	--	nd
SP3227	ASET76894	9/10/2019	Inter lab duplicate	--	nd
SP3228	ASET76894	9/10/2019	Inter lab duplicate	0.02363	0.00040
SP3229	ASET76894	9/10/2019	Inter lab duplicate	--	0.00010
SP3230	ASET76894	9/10/2019	Inter lab duplicate	--	nd
SP3230-A	ASET76894	9/10/2019	Inter lab duplicate	--	nd
SP3230-B	SE198621	9/10/2019	Inter lab duplicate	--	0.00988
SP3230-FP	ASET77153	21/10/2019	Intra lab duplicate	--	nd
SP3231	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3232	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3233	ASET76894	9/10/2019	Intra lab duplicate	--	0.00010
SP3234	ASET76894	9/10/2019	Intra lab duplicate	--	<0.00001
SP3235	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3236	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3237	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3238	ASET76894	9/10/2019	Intra lab duplicate	VF	nd
SP3238-RP	--	18/10/2019	Intra lab duplicate	--	--
SP3239	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3240	ASET76894	9/10/2019	Intra lab duplicate	VF	0.00010

SP3240-RP	--	18/10/2019	Intra lab duplicate	--	--
SP3241	ASET76894	9/10/2019	Intra lab duplicate	--	<0.00001
SP3242	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3243	ASET76894	9/10/2019	Intra lab duplicate	--	0.00003
SP3244	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3245	ASET76894	9/10/2019	Intra lab duplicate	--	<0.00001
SP3245-A	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3245-B	SE198621	9/10/2019	Inter lab duplicate	--	nd
SP3246	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3247	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3248	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3249	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3250	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3251	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3252	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3253	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3254	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3254-A	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3254-B	SE198621	9/10/2019	Inter lab duplicate	--	nd
SP3255	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3256	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3257	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3258	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3259	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3260	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3261	ASET76894	9/10/2019	Intra lab duplicate	--	nd
SP3262	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3263	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3264	ASET76922	10/10/2019	Intra lab duplicate	--	<0.00001
SP3265	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3266	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3267	ASET76922	10/10/2019	Intra lab duplicate	--	0.00045
SP3268	ASET76922	10/10/2019	Intra lab duplicate	--	0.00020
SP3269	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3270	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3271	ASET76922	10/10/2019	Intra lab duplicate	--	<0.00001
SP3271-A	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3272	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3273	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3274	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3275	ASET76922	10/10/2019	Intra lab duplicate	--	0.00010
SP3276	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3277	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3277-A	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3278	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3279	ASET76922	10/10/2019	Intra lab duplicate	--	nd
SP3280	ASET76974	11/10/2019	Intra lab duplicate	--	0.00016
SP3281	ASET76974	11/10/2019	Intra lab duplicate	--	0.00147
SP3281-FP	ASET77153	21/10/2019	Intra lab duplicate	--	nd
SP3282	ASET76974	11/10/2019	Intra lab duplicate	--	nd
SP3283	ASET76974	11/10/2019	Intra lab duplicate	--	nd
SP3284	ASET76974	11/10/2019	Intra lab duplicate	--	nd
SP3285	ASET76974	11/10/2019	Intra lab duplicate	--	nd
SP3285-A	ASET76974	11/10/2019	Intra lab duplicate	--	nd
SP3286	ASET76974	11/10/2019	Intra lab duplicate	--	0.00001
SP3287	ASET76974	11/10/2019	Intra lab duplicate	--	0.00045

SP3288	ASET76974	11/10/2019	Intra lab duplicate	--	nd
SP3289	ASET76974	11/10/2019	Intra lab duplicate	--	nd
SP3290	ASET76974	11/10/2019	Intra lab duplicate	--	nd
SP3291	ASET76999	14/10/2019	Intra lab duplicate	VF	nd
SP3291-RP	--	25/10/2019	Intra lab duplicate	--	--
SP3292	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3293	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3293-A	ASET76999	14/10/2019	Intra lab duplicate	--	0.00009
SP3293-B	SE198813	14/10/2019	Inter lab duplicate	--	nd
SP3294	ASET76999	14/10/2019	Intra lab duplicate	VF	0.00040
SP3294-RP	--	25/10/2019	Intra lab duplicate	--	--
SP3295	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3296	ASET76999	14/10/2019	Intra lab duplicate	--	0.00040
SP3297	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3298	ASET76999	14/10/2019	Intra lab duplicate	--	0.00050
SP3299	ASET76999	14/10/2019	Intra lab duplicate	--	0.00005
SP3300	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3300-A	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3300-B	SE198813	14/10/2019	Inter lab duplicate	--	nd
SP3301	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3302	ASET76999	14/10/2019	Intra lab duplicate	VF	<0.00002
SP3302-RP	--	25/10/2019	Intra lab duplicate	--	--
SP3303	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3304	ASET76999	14/10/2019	Intra lab duplicate	--	0.00025
SP3305	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3306	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3306-A	ASET76999	14/10/2019	Intra lab duplicate	--	0.00007
SP3306-B	SE198813	14/10/2019	Inter lab duplicate	--	nd
SP3307	ASET76999	14/10/2019	Intra lab duplicate	--	0.00003
SP3308	ASET76999	14/10/2019	Intra lab duplicate	--	0.00055
SP3309	ASET76999	14/10/2019	Intra lab duplicate	--	0.00003
SP3310	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3311	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3312	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3312-A	ASET76999	14/10/2019	Intra lab duplicate	--	nd
SP3312-B	SE198813	14/10/2019	Inter lab duplicate	--	0.00400
SP3312-FP	ASET77560	7/11/2019	Intra lab duplicate	--	nd
SP3662	ASET77427	1/11/2019	Intra lab duplicate	--	nd
SP3313	ASET77008	15/10/2019	Intra lab duplicate	--	0.00200
SP3313-FP	ASET78048	27/11/2019	Intra lab duplicate	--	nd
SP3663	ASET77427	1/11/2019	Intra lab duplicate	--	0.00040
SP3314	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3315	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3316	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3317	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3318	ASET77008	15/10/2019	Intra lab duplicate	--	0.00087
SP3319	ASET77008	15/10/2019	Intra lab duplicate	--	0.00010
SP3320	ASET77008	15/10/2019	Intra lab duplicate	--	0.00020
SP3320-A	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3321	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3322	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3323	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3324	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3325	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3326	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3327	ASET77008	15/10/2019	Intra lab duplicate	--	nd

SP3328	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3329	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3330	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3330-A	ASET77008	15/10/2019	Intra lab duplicate	--	nd
SP3331	ASET77008	15/10/2019	Compliant Stockpile	--	nd
SP3332	ASET77008	15/10/2019	Compliant Stockpile	--	nd
SP3333	ASET77008	15/10/2019	Compliant Stockpile	--	<0.00001
SP3334	ASET77008	15/10/2019	Compliant Stockpile	--	0.00077
SP3335	ASET77008	15/10/2019	Compliant Stockpile	--	0.00030
SP3336	ASET77008	15/10/2019	Compliant Stockpile	--	nd
SP3337	ASET77008	15/10/2019	Compliant Stockpile	--	nd
SP3338	ASET77078	16/10/2019	Compliant Stockpile	--	0.00067
SP3339	ASET77078	16/10/2019	Compliant Stockpile	--	<0.00001
SP3340	ASET77078	16/10/2019	SP fail due to AF/FA. To be removed for storage	--	<0.00002
SP3340-A	ASET77078	16/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00161
SP3340-B	SE198933	16/10/2019	SP fail due to AF/FA. To be removed for storage		0.00655
			FP Validated as part of Pad 1 validation		
SP3341	ASET77078	16/10/2019	Compliant Stockpile	--	0.00047
SP3342	ASET77078	16/10/2019	Compliant Stockpile	--	<0.0001
SP3343	ASET77078	16/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00145
SP3343-FP	ASET77622	11/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3664	ASET77427	1/11/2019	Compliant Stockpile	--	nd
SP3344	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3345	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3346	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3347	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3348	ASET77078	16/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00282
SP3348-FP	ASET77622	11/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3665	ASET77427	1/11/2019	Compliant Stockpile	--	nd
SP3349	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3350	ASET77078	16/10/2019	Compliant Stockpile	--	0.00064
SP3350-A	ASET77078	16/10/2019	Intra lab duplicate	--	0.00074
SP3350-B	SE198933	16/10/2019	Inter lab duplicate		nd
SP3351	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3352	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3353	ASET77078	16/10/2019	Compliant Stockpile	--	0.00037
SP3354	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3355	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3356	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3357	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3358	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3359	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3360	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3360-A	ASET77078	16/10/2019	Intra lab duplicate	--	nd
SP3360-B	SE198933	16/10/2019	Inter lab duplicate		nd
SP3361	ASET77078	16/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00116
SP3361-FP	ASET77343	28/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3362	ASET77078	16/10/2019	Compliant Stockpile	--	0.00048
SP3363	ASET77078	16/10/2019	Compliant Stockpile	--	0.00008
SP3364	ASET77078	16/10/2019	Compliant Stockpile	--	0.00029
SP3365	ASET77078	16/10/2019	Compliant Stockpile	--	0.00021
SP3366	ASET77078	16/10/2019	Compliant Stockpile	--	0.00031
SP3367	ASET77078	16/10/2019	Compliant Stockpile	--	nd
SP3368	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3369	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3370	ASET77100	17/10/2019	Compliant Stockpile	--	nd

SP3371	ASET77100	17/10/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP3371-RP	--	25/10/2019	Compliant Stockpile	--	--
SP3372	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3373	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3374	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3375	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3376	ASET77100	17/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00448
SP3376-FP	ASET77560	7/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3666	ASET77427	1/11/2019	Compliant Stockpile	--	nd
SP3377	ASET77100	17/10/2019	Compliant Stockpile	--	0.00003
SP3378	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3379	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3379-A	ASET77100	17/10/2019	Intra lab duplicate	--	0.00030
SP3380	ASET77100	17/10/2019	Compliant Stockpile	--	0.00020
SP3381	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3382	ASET77100	17/10/2019	Compliant Stockpile	--	<0.00001
SP3383	ASET77100	17/10/2019	Compliant Stockpile	--	<0.00001
SP3384	ASET77100	17/10/2019	Compliant Stockpile	--	0.00050
SP3385	ASET77100	17/10/2019	Compliant Stockpile	--	0.00010
SP3386	ASET77100	17/10/2019	Compliant Stockpile	--	<0.00001
SP3387	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3388	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3389	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3390	ASET77100	17/10/2019	Compliant Stockpile	--	nd
SP3390-A	ASET77100	17/10/2019	Intra lab duplicate	--	0.00020
SP3391	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3392	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3393	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3394	ASET77126	18/10/2019	Compliant Stockpile	--	0.00003
SP3395	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3396	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3397	ASET77126	18/10/2019	Compliant Stockpile	--	0.00004
SP3398	ASET77126	18/10/2019	Compliant Stockpile	--	0.00032
SP3399	ASET77126	18/10/2019	Compliant Stockpile	--	0.00071
SP3400	ASET77126	18/10/2019	Compliant Stockpile	--	0.00024
SP3401	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3402	ASET77126	18/10/2019	Compliant Stockpile	--	0.00051
SP3402-A	ASET77126	18/10/2019	Intra lab duplicate	--	nd
SP3403	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3404	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3405	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3406	ASET77126	18/10/2019	Compliant Stockpile	--	0.00006
SP3407	ASET77126	18/10/2019	Compliant Stockpile	--	0.00001
SP3408	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3409	ASET77126	18/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00472
SP3409-FP	ASET77343	28/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3410	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3411	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3411-A	ASET77126	18/10/2019	Intra lab duplicate	--	nd
SP3412	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3413	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3414	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3415	ASET77126	18/10/2019	Compliant Stockpile	--	nd
SP3416	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3417	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3418	ASET77154	21/10/2019	Compliant Stockpile	--	nd

SP3419	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3420	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3420-A	ASET77154	21/10/2019	Intra lab duplicate	--	nd
SP3421	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3422	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3423	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3424	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3425	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3426	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3427	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3428	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3428-A	ASET77154	21/10/2019	Intra lab duplicate	--	nd
SP3429	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3430	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3431	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3432	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3433	ASET77154	21/10/2019	Compliant Stockpile	--	0.00008
SP3434	ASET77154	21/10/2019	Compliant Stockpile	--	0.00012
SP3435	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3436	ASET77154	21/10/2019	SP fail due to AF/FA. To be removed for storage	--	nd
SP3436-A	ASET77154	21/10/2019	Intra lab duplicate	--	0.00756
SP3436-FP	ASET77343	28/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3437	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3438	ASET77154	21/10/2019	Compliant Stockpile	--	0.00035
SP3439	ASET77154	21/10/2019	Stockpile failed due to ACM, needs to be repicked	VF	0.00017
SP3439-RP	--	28/10/2019	Compliant Stockpile	--	--
SP3440	ASET77154	21/10/2019	Compliant Stockpile	--	nd
SP3441	ASET77154	21/10/2019	Compliant Stockpile	--	0.00010
SP3442	ASET77154	21/10/2019	Compliant Stockpile	--	0.00004
SP3442-A	ASET77154	21/10/2019	Intra lab duplicate	--	nd
SP3443	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3444	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3445	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3446	ASET77210	22/10/2019	Compliant Stockpile	--	0.00061
SP3447	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3448	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3449	ASET77210	22/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00487
SP3449-FP	ASET77343	28/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3450	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3450-A	ASET77210	22/10/2019	Intra lab duplicate	--	nd
SP3451	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3452	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3453	ASET77210	22/10/2019	Compliant Stockpile	--	0.00050
SP3454	ASET77210	22/10/2019	Compliant Stockpile	--	0.00087
SP3455	ASET77210	22/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00165
SP3455-FP	ASET77343	28/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3456	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3457	ASET77210	22/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00252
SP3457-FP	ASET77343	28/10/2019	Footprint clearance/ valdiation post fail	--	nd
SP3458	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3459	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3460	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3460-A	ASET77210	22/10/2019	Intra lab duplicate	--	nd
SP3461	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3462	ASET77210	22/10/2019	Compliant Stockpile	--	<0.00001
SP3463	ASET77210	22/10/2019	Compliant Stockpile	--	nd

SP3464	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3465	ASET77210	22/10/2019	Compliant Stockpile	--	0.00002
SP3466	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3467	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3468	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3469	ASET77210	22/10/2019	Compliant Stockpile	--	<0.00001
SP3470	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3470-A	ASET77210	22/10/2019	Intra lab duplicate	--	nd
SP3471	ASET77210	22/10/2019	Compliant Stockpile	--	nd
SP3472	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3473	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3474	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3475	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3476	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3477	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3478	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3479	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3480	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3480-A	ASET77243	23/10/2019	Intra lab duplicate	--	nd
SP3481	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3482	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3483	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3484	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3485	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3486	ASET77243	23/10/2019	Compliant Stockpile	--	0.00022
SP3487	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3488	ASET77243	23/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00400
SP3488-FP	ASET77622	11/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3667	ASET77427	1/11/2019	Compliant Stockpile	--	nd
SP3489	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3490	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3490-A	ASET77243	23/10/2019	Intra lab duplicate	--	nd
SP3491	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3492	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3493	ASET77243	23/10/2019	Compliant Stockpile	--	0.00038
SP3494	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3495	ASET77243	23/10/2019	Compliant Stockpile	--	nd
SP3496	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3497	ASET77242	24/10/2019	Compliant Stockpile	--	0.00064
SP3498	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3499	ASET77242	24/10/2019	Compliant Stockpile	--	0.00079
SP3500	ASET77242	24/10/2019	Compliant Stockpile	--	0.00032
SP3500-A	ASET77242	24/10/2019	Intra lab duplicate	--	nd
SP3501	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3502	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3503	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3504	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3505	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3506	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3507	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3508	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3509	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3510	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3511	ASET77242	24/10/2019	Compliant Stockpile	--	nd
SP3512	ASET77304	25/10/2019	Compliant Stockpile	--	0.00026
SP3513	ASET77304	25/10/2019	Compliant Stockpile	--	0.00014

SP3514	ASET77304	25/10/2019	Compliant Stockpile	--	0.00069
SP3515	ASET77304	25/10/2019	Compliant Stockpile	--	<0.00001%
SP3516	ASET77304	25/10/2019	Compliant Stockpile	--	<0.00001%
SP3517	ASET77304	25/10/2019	Compliant Stockpile	--	nd
SP3518	ASET77304	25/10/2019	Compliant Stockpile	--	0.00062
SP3519	ASET77304	25/10/2019	Compliant Stockpile	--	nd
SP3520	ASET77304	25/10/2019	Compliant Stockpile	--	nd
SP3520-A	ASET77304	25/10/2019	Intra lab duplicate	--	nd
SP3521	ASET77304	25/10/2019	Compliant Stockpile	--	nd
SP3522	ASET77304	25/10/2019	Compliant Stockpile	--	nd
SP3523	ASET77304	25/10/2019	Compliant Stockpile	--	nd
SP3524	ASET77304	25/10/2019	Compliant Stockpile	--	nd
SP3525	ASET77304	25/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00858
SP3525-FP	ASET77560	7/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3668	ASET77427	1/11/2019	Compliant Stockpile	--	nd
SP3526	ASET77304	25/10/2019	Compliant Stockpile	--	nd
SP3527	ASET77304	25/10/2019	Compliant Stockpile	--	nd
SP3528	ASET77304	25/10/2019	Compliant Stockpile	--	0.00027
SP3529	ASET77304	25/10/2019	Compliant Stockpile	--	nd
SP3530	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3531	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3532	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3533	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3534	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3534-A	ASET77344	28/10/2019	Intra lab duplicate	--	nd
SP3534-B	SE199362	28/10/2019	Inter lab duplicate	--	nd
SP3535	ASET77344	28/10/2019	Compliant Stockpile	--	0.00048
SP3536	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3537	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3538	ASET77344	28/10/2019	Stockpile failed due to ACM, needs to be repicked	--	nd
SP3538-RP	--	11/11/2019	Compliant Stockpile	--	--
SP3539	ASET77344	28/10/2019	Compliant Stockpile	--	<0.00001%
SP3539-A	ASET77344	28/10/2019	Intra lab duplicate	--	nd
SP3539-B	SE199362	28/10/2019	Inter lab duplicate	--	nd
SP3540	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3541	ASET77344	28/10/2019	SP fail due to AF/FA. To be removed for storage	--	0.00114
SP3541-FP	ASET77560	7/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3669	ASET77427	1/11/2019	SP fail due to AF/FA . To be removed for storage	--	0.00200
SP3669-FP	ASET77622	11/11/2019	Footprint clearance/ valdiation post fail	--	nd
SP3542	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3543	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3544	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3545	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3545-A	ASET77344	28/10/2019	Intra lab duplicate	--	nd
SP3545-B	SE199362	28/10/2019	Inter lab duplicate	--	nd
SP3546	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3547	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3548	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3549	ASET77344	28/10/2019	Compliant Stockpile	--	nd
SP3550	ASET77344	28/10/2019	SP fail due to AF/FA. To be removed for storage	--	nd
SP3550-A	ASET77344	28/10/2019	Intra lab duplicate	--	0.00004
SP3550-B	SE199362	28/10/2019	Inter lab duplicate	--	0.00107
SP3550-FP	ASET77622	11/11/2019	Inter lab duplicate	--	nd
SP3670	ASET77427	1/11/2019	Inter lab duplicate	--	nd
SP3551	ASET77344	28/10/2019	Inter lab duplicate	--	0.00003
SP3552	ASET77378	29/10/2019	Inter lab duplicate	--	0.00021

SP3553	ASET77378	29/10/2019	Inter lab duplicate	--	0.00051
SP3554	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3555	ASET77378	29/10/2019	Inter lab duplicate	--	0.00161
SP3555-FP	ASET77721	14/11/2019	Inter lab duplicate	--	nd
SP3671	ASET77427	1/11/2019	Inter lab duplicate	--	0.01000
SP3671-FP	ASET77622	11/11/2019	Inter lab duplicate	--	nd
SP3556	ASET77378	29/10/2019	Inter lab duplicate	--	0.00273
SP3556-FP	ASET77721	14/11/2019	Inter lab duplicate	--	nd
SP3672	ASET77427	1/11/2019	Inter lab duplicate	--	nd
SP3557	ASET77378	29/10/2019	Inter lab duplicate	--	0.00250
SP3557-FP	ASET77839	19/11/2019	Inter lab duplicate	--	nd
SP3673	ASET77427	1/11/2019	Inter lab duplicate	--	0.00010
SP3558	ASET77378	29/10/2019	Inter lab duplicate	--	0.00008
SP3559	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3560	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3561	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3562	ASET77378	29/10/2019	Inter lab duplicate	--	0.00092
SP3562-A	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3563	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3564	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3565	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3566	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3567	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3568	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3569	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3570	ASET77378	29/10/2019	Inter lab duplicate	--	0.00004
SP3571	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3572	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3573	ASET77378	29/10/2019	Inter lab duplicate	--	<0.0001
SP3573-A	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3574	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3575	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3576	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3577	ASET77378	29/10/2019	Inter lab duplicate	--	nd
SP3578	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3579	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3580	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3580-A	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3581	ASET77406	30/10/2019	Inter lab duplicate	--	0.00020
SP3582	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3583	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3584	ASET77406	30/10/2019	Inter lab duplicate	--	0.00400
SP3584-FP	ASET77721	14/11/2019	Inter lab duplicate	--	nd
SP3674	ASET77427	1/11/2019	Inter lab duplicate	--	0.00001
SP3585	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3586	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3587	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3588	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3589	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3590	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3590-A	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3591	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3592	ASET77406	30/10/2019	Inter lab duplicate	--	0.00002
SP3593	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3594	ASET77406	30/10/2019	Inter lab duplicate	--	0.00200
SP3594-FP	ASET77560	7/11/2019	Inter lab duplicate	--	nd

SP3675	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3595	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3596	ASET77406	30/10/2019	Inter lab duplicate	VF	0.00300
SP3596-FP	ASET77560	7/11/2019	Inter lab duplicate	--	nd
SP3676	ASET77497	5/11/2019	Inter lab duplicate	--	0.00199
SP3676-FP	ASET77622	11/11/2019	Inter lab duplicate	--	nd
SP3597	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3598	ASET77406	30/10/2019	Inter lab duplicate	--	0.00010
SP3599	ASET77406	30/10/2019	Inter lab duplicate	--	0.00015
SP3600	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3601	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3602	ASET77406	30/10/2019	Inter lab duplicate	VF	<0.00001
SP3602-RP	--	11/11/2019	Inter lab duplicate	--	--
SP3603	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3604	ASET77406	30/10/2019	Inter lab duplicate	--	<0.00001
SP3604-A	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3605	ASET77406	30/10/2019	Inter lab duplicate	--	0.00090
SP3606	ASET77406	30/10/2019	Inter lab duplicate	--	0.00040
SP3607	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3608	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3609	ASET77406	30/10/2019	Inter lab duplicate	--	0.00040
SP3610	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3611	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3612	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3613	ASET77406	30/10/2019	Inter lab duplicate	--	0.00020
SP3614	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3614-A	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3615	ASET77406	30/10/2019	Inter lab duplicate	--	nd
SP3616	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3617	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3618	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3619	ASET77404	31/10/2019	Inter lab duplicate	--	0.00070
SP3620	ASET77404	31/10/2019	Inter lab duplicate	0.0024	nd
SP3621	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3622	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3623	ASET77404	31/10/2019	Inter lab duplicate	--	0.00050
SP3624	ASET77404	31/10/2019	Inter lab duplicate	--	0.00002
SP3625	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3626	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3627	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3628	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3629	ASET77404	31/10/2019	Inter lab duplicate	--	0.00001
SP3630	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3631	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3632	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3633	ASET77404	31/10/2019	Inter lab duplicate	--	0.00070
SP3634	ASET77404	31/10/2019	Inter lab duplicate	--	0.00130
SP3634-FP	ASET77622	11/11/2019	Inter lab duplicate	--	nd
SP3677	ASET77497	5/11/2019	Inter lab duplicate	--	0.00003
SP3635	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3636	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3637	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3638	ASET77404	31/10/2019	Inter lab duplicate	--	0.00010
SP3639	ASET77404	31/10/2019	Inter lab duplicate	--	0.00020
SP3640	ASET77404	31/10/2019	Inter lab duplicate	--	0.00100
SP3641	ASET77404	31/10/2019	Inter lab duplicate	--	nd

SP3642	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3643	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3644	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3645	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3646	ASET77404	31/10/2019	Inter lab duplicate	--	0.00001
SP3647	ASET77404	31/10/2019	Inter lab duplicate	--	0.00100
SP3648	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3649	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3650	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3651	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3652	ASET77404	31/10/2019	Inter lab duplicate	--	0.00050
SP3653	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3654	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3655	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3656	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3657	ASET77404	31/10/2019	Inter lab duplicate	--	nd
SP3678	ASET77497	5/11/2019	Inter lab duplicate	--	0.00125
SP3678-FP	ASET77622	11/11/2019	Inter lab duplicate	--	nd
SP3679	ASET77497	5/11/2019	Inter lab duplicate	--	0.00039
SP3679-A	ASET77497	5/11/2019	Inter lab duplicate	--	0.00108
SP3679-FP	ASET77622	11/11/2019	Inter lab duplicate	--	nd
SP3680	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3681	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3682	ASET77497	5/11/2019	Inter lab duplicate	VF	0.00002
SP3682-RP	--	18/11/2019	Inter lab duplicate	--	--
SP3683	ASET77497	5/11/2019	Inter lab duplicate	--	0.00629
SP3684	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3685	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3686	ASET77497	5/11/2019	Inter lab duplicate	--	0.00092
SP3687	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3688	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3689	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3690	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3691	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3692	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3693	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3694	ASET77497	5/11/2019	Inter lab duplicate	--	0.00010
SP3694-A	ASET77497	5/11/2019	Inter lab duplicate	--	0.00363
SP3694-FP	ASET77622	11/11/2019	Inter lab duplicate	--	nd
SP3695	ASET77497	5/11/2019	Inter lab duplicate	--	0.00217
SP3695-FP	ASET77622	11/11/2019	Inter lab duplicate	--	nd
SP3696	ASET77497	5/11/2019	Inter lab duplicate	--	0.00009
SP3697	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3698	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3699	ASET77497	5/11/2019	Inter lab duplicate	--	0.00129
SP3699-FP	ASET77622	11/11/2019	Inter lab duplicate	--	nd
SP3700	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3701	ASET77497	5/11/2019	Inter lab duplicate	--	nd
SP3702	ASET77521	6/11/2019	Inter lab duplicate	--	0.00302
SP3702-FP	ASET77976	22/11/2019	Inter lab duplicate	--	nd
SP3703	ASET77521	6/11/2019	Inter lab duplicate	--	nd
SP3704	ASET77521	6/11/2019	Inter lab duplicate	--	0.00076
SP3705	ASET77521	6/11/2019	Inter lab duplicate	--	nd
SP3706	ASET77521	6/11/2019	Inter lab duplicate	--	nd
SP3707	ASET77521	6/11/2019	Inter lab duplicate	--	nd
SP3708	ASET77521	6/11/2019	Inter lab duplicate	--	nd

SP3709	ASET77521	6/11/2019	Inter lab duplicate	VF	nd
SP3709-RP	--	18/11/2019	Inter lab duplicate	--	--
SP3710	ASET77521	6/11/2019	Inter lab duplicate	--	nd
SP3710-A	ASET77521	6/11/2019	Inter lab duplicate	--	nd
SP3711	ASET77521	6/11/2019	Inter lab duplicate	--	nd
SP3712	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3713	ASET77561	7/11/2019	Inter lab duplicate	--	0.00170
SP3713-FP	ASET77750	15/11/2019	Inter lab duplicate	--	nd
SP3714	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3715	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3715-A	ASET77561	7/11/2019	Inter lab duplicate	--	0.00158
SP3715-B	SE199799	7/11/2019	Inter lab duplicate	--	nd
SP3715-FP	ASET77750	15/11/2019	Inter lab duplicate	--	nd
SP3716	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3717	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3718	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3719	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3720	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3720-A	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3720-B	SE199799	7/11/2019	Inter lab duplicate	--	nd
SP3721	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3722	ASET77561	7/11/2019	Inter lab duplicate	--	0.00000
SP3723	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3724	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3725	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3726	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3727	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3728	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3728-A	ASET77561	7/11/2019	Inter lab duplicate	--	0.00002
SP3728-B	SE199799	7/11/2019	Inter lab duplicate	--	nd
SP3729	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3730	ASET77561	7/11/2019	Inter lab duplicate	--	0.00088
SP3731	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3732	ASET77561	7/11/2019	Inter lab duplicate	VF	nd
SP3732-RP	--	18/11/2019	Inter lab duplicate	--	--
SP3733	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3734	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3735	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3736	ASET77561	7/11/2019	Inter lab duplicate	--	0.00005
SP3737	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3737-A	ASET77561	7/11/2019	Inter lab duplicate	--	nd
SP3737-B	SE199799	7/11/2019	Inter lab duplicate	--	nd
SP3738	ASET77593	8/11/2019	Inter lab duplicate	VF	0.00000
SP3738-RP	--	18/11/2019	Inter lab duplicate	--	--
SP3739	ASET77593	8/11/2019	Inter lab duplicate	--	0.00121
SP3739-FP	ASET77750	15/11/2019	Inter lab duplicate	--	nd
SP3740	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3740-A	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3741	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3742	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3743	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3744	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3745	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3746	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3747	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3748	ASET77593	8/11/2019	Inter lab duplicate	--	nd

SP3749	ASET77593	8/11/2019	Inter lab duplicate	--	0.00001
SP3750	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3750-A	ASET77593	8/11/2019	Inter lab duplicate	--	0.00040
SP3751	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3752	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3753	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3754	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3755	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3756	ASET77593	8/11/2019	Inter lab duplicate	--	0.00039
SP3757	ASET77593	8/11/2019	Inter lab duplicate	--	0.00075
SP3758	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3759	ASET77593	8/11/2019	Inter lab duplicate	--	0.00072
SP3760	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3760-A	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3761	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3762	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3763	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3764	ASET77593	8/11/2019	Inter lab duplicate	--	0.00002
SP3765	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3766	ASET77593	8/11/2019	Inter lab duplicate	--	0.00167
SP3766-FP	ASET77839	19/11/2019	Inter lab duplicate	--	nd
SP3767	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3768	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3769	ASET77593	8/11/2019	Inter lab duplicate	--	0.00009
SP3770	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3770-A	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3771	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3772	ASET77593	8/11/2019	Inter lab duplicate	--	0.00077
SP3773	ASET77593	8/11/2019	Inter lab duplicate	--	0.00002
SP3774	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3775	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3776	ASET77593	8/11/2019	Inter lab duplicate	--	0.00265
SP3776-FP	ASET77839	19/11/2019	Inter lab duplicate	--	nd
SP3777	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3778	ASET77593	8/11/2019	Inter lab duplicate	--	nd
SP3779	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3780	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3780-A	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3780-B	SE199884	11/11/2019	Inter lab duplicate	--	nd
SP3781	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3782	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3783	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3784	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3785	ASET77623	11/11/2019	Inter lab duplicate	--	0.00556
SP3785-FP	ASET77782	18/11/2019	Inter lab duplicate	--	nd
SP3786	ASET77623	11/11/2019	Inter lab duplicate	--	0.00220
SP3786-FP	ASET77782	18/11/2019	Inter lab duplicate	--	nd
SP3787	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3788	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3789	ASET77623	11/11/2019	Inter lab duplicate	--	0.00028
SP3790	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3790-A	ASET77623	11/11/2019	Inter lab duplicate	--	0.00037
SP3790-B	SE199884	11/11/2019	Inter lab duplicate	--	nd
SP3791	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3792	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3793	ASET77623	11/11/2019	Inter lab duplicate	--	nd

SP3794	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3795	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3796	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3797	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3798	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3799	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3800	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3800-A	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3800-B	SE199884	11/11/2019	Inter lab duplicate	--	nd
SP3801	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3802	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3803	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3804	ASET77623	11/11/2019	Inter lab duplicate	--	0.00017
SP3805	ASET77623	11/11/2019	Inter lab duplicate	--	0.00001
SP3806	ASET77623	11/11/2019	Inter lab duplicate	--	0.00004
SP3807	ASET77623	11/11/2019	Inter lab duplicate	--	0.00001
SP3808	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3809	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3810	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3810A	ASET77623	11/11/2019	Inter lab duplicate	--	nd
SP3800-B	SE199884	11/11/2019	Inter lab duplicate	--	nd
SP3811	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3812	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3813	ASET77662	12/11/2019	Inter lab duplicate	--	0.00013
SP3814	ASET77662	12/11/2019	Inter lab duplicate	--	0.00008
SP3815	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3816	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3817	ASET77662	12/11/2019	Inter lab duplicate	--	0.00003
SP3818	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3819	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3820	ASET77662	12/11/2019	Inter lab duplicate	--	0.00003
SP3820-A	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3821	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3822	ASET77662	12/11/2019	Inter lab duplicate	--	0.00005
SP3823	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3824	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3825	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3826	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3827	ASET77662	12/11/2019	Inter lab duplicate	--	0.00098
SP3828	ASET77662	12/11/2019	Inter lab duplicate	--	0.00005
SP3829	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3830	ASET77662	12/11/2019	Inter lab duplicate	--	0.00005
SP3830-A	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3831	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3832	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3833	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3834	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3835	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3836	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3837	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3838	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3839	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3840	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3840-A	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3841	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3842	ASET77662	12/11/2019	Inter lab duplicate	--	nd

SP3843	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3844	ASET77662	12/11/2019	Inter lab duplicate	--	0.00007
SP3845	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3846	ASET77662	12/11/2019	Inter lab duplicate	--	nd
SP3847	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3848	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3849	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3850	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3850-A	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3851	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3852	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3853	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3854	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3855	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3856	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3857	ASET77568	13/11/2019	Inter lab duplicate	--	0.00010
SP3858	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3859	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3860	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3860-A	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3861	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3862	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3863	ASET77568	13/11/2019	Inter lab duplicate	--	0.00300
SP3863-FP	ASET78266	6/12/2019	Inter lab duplicate	--	nd
SP3865	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3866	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3867	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3869	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3870	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3870-A	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3871	ASET77568	13/11/2019	Inter lab duplicate	--	nd
SP3872	ASET77666	13/11/2019	Inter lab duplicate	--	nd
SP3873	ASET77666	13/11/2019	Inter lab duplicate	--	nd
SP3874	ASET77666	13/11/2019	Inter lab duplicate	--	nd
SP3875	ASET77666	13/11/2019	Inter lab duplicate	--	<0.00001
SP3876	ASET77666	13/11/2019	Inter lab duplicate	--	0.00004
SP3877	ASET77666	13/11/2019	Inter lab duplicate	--	nd
SP3878	ASET77666	13/11/2019	Inter lab duplicate	--	nd
SP3879	ASET77666	13/11/2019	Inter lab duplicate	--	nd
SP3880	ASET77666	13/11/2019	Inter lab duplicate	--	nd
SP3880-A	ASET77666	13/11/2019	Inter lab duplicate	--	nd
SP3881	ASET77666	13/11/2019	Inter lab duplicate	--	<0.00001
SP3882	ASET77666	13/11/2019	Inter lab duplicate	--	0.00004
SP3883	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3884	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3885	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3886	ASET77722	14/11/2019	Inter lab duplicate	--	0.00116
SP3886-FP	ASET78257	5/12/2019	Inter lab duplicate	--	nd
SP3887	ASET77722	14/11/2019	Inter lab duplicate	--	0.00129
SP3887-FP	ASET78257	5/12/2019	Inter lab duplicate	--	nd
SP3888	ASET77722	14/11/2019	Inter lab duplicate	--	0.00004
SP3889	ASET77722	14/11/2019	Inter lab duplicate	--	0.00030
SP3890	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3891	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3892	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3893	ASET77722	14/11/2019	Inter lab duplicate	--	nd

SP3893-A	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3894	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3895	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3896	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3897	ASET77722	14/11/2019	Inter lab duplicate	--	0.00003
SP3898	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3899	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3900	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3901	ASET77722	14/11/2019	Inter lab duplicate	--	0.00005
SP3901-A	ASET77722	14/11/2019	Inter lab duplicate	--	nd
SP3902	ASET77722	14/11/2019	Inter lab duplicate	--	<0.00001
SP3903	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3904	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3905	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3906	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3907	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3908	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3909	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3910	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3911	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3912	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3913	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3914	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3915	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3916	ASET77749	15/11/2019	Inter lab duplicate	--	nd
SP3917	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3918	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3919	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3920	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3921	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3922	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3923	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3924	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3925	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3926	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3926-A	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3927	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3928	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3929	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3930	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3931	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3932	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3933	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3934	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3935	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3936	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3937	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3938	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3939	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3940	ASET77781	18/11/2019	Inter lab duplicate	--	nd
SP3941	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3942	ASET77838	19/11/2019	Inter lab duplicate	--	0.00001
SP3943	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3944	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3945	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3946	ASET77838	19/11/2019	Inter lab duplicate	--	nd

SP3947	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3947-A	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3948	ASET77838	19/11/2019	Inter lab duplicate	--	0.00089
SP3949	ASET77838	19/11/2019	Inter lab duplicate	--	0.00129
SP3949-FP	ASET78257	5/12/2019	Inter lab duplicate	--	nd
SP3950	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3951	ASET77838	19/11/2019	Inter lab duplicate	--	0.00027
SP3952	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3953	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3954	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3955	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3956	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3956-A	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3957	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3958	ASET77838	19/11/2019	Inter lab duplicate	--	nd
SP3959	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3959-A	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3959-B	SE200240	20/11/2019	Inter lab duplicate	--	nd
SP3960	ASET77891	20/11/2019	Inter lab duplicate	--	0.00002
SP3961	ASET77891	20/11/2019	Inter lab duplicate	--	0.00849
SP3961-FP	ASET78257	5/12/2019	Inter lab duplicate	--	nd
SP3962	ASET77891	20/11/2019	Inter lab duplicate	--	0.00077
SP3963	ASET77891	20/11/2019	Inter lab duplicate	--	0.00027
SP3964	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3965	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3966	ASET77891	20/11/2019	Inter lab duplicate	--	0.00125
SP3966-FP	ASET78257	5/12/2019	Inter lab duplicate	--	nd
SP3967	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3967-A	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3967-B	SE200240	20/11/2019	Inter lab duplicate	--	nd
SP3968	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3969	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3970	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3971	ASET77891	20/11/2019	Inter lab duplicate	--	0.00033
SP3972	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3973	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3974	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3974-A	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3974-B	SE200240	20/11/2019	Inter lab duplicate	--	nd
SP3975	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3976	ASET77891	20/11/2019	Inter lab duplicate	--	0.00042
SP3977	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3978	ASET77891	20/11/2019	Inter lab duplicate	--	0.00118
SP3978-FP	ASET78266	6/12/2019	Inter lab duplicate	--	nd
SP3979	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3980	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3981	ASET77891	20/11/2019	Inter lab duplicate	--	0.00023
SP3982	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3983	ASET77891	20/11/2019	Inter lab duplicate	--	0.00036
SP3984	ASET77891	20/11/2019	Inter lab duplicate	--	0.00039
SP3985	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3985-A	ASET77891	20/11/2019	Inter lab duplicate	--	nd
SP3985-B	SE200240	20/11/2019	Inter lab duplicate	--	nd
SP3986	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP3987	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP3988	ASET77941	21/11/2019	Inter lab duplicate	--	nd

SP3989	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP3990	ASET77941	21/11/2019	Inter lab duplicate	--	0.00113
SP3990-FP	ASET78266	6/12/2019	Inter lab duplicate	--	nd
SP3991	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP3992	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP3993	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP3994	ASET77941	21/11/2019	Inter lab duplicate	--	0.00057
SP3995	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP3995-A	ASET77941	21/11/2019	Inter lab duplicate	--	0.00057
SP3996	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP3997	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP3998	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP3999	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP4000	ASET77941	21/11/2019	Inter lab duplicate	--	0.00010
SP4001	ASET77941	21/11/2019	Inter lab duplicate	--	0.00143
SP4001-FP	ASET78266	6/12/2019	Inter lab duplicate	--	nd
SP4002	ASET77941	21/11/2019	Inter lab duplicate	--	0.00055
SP4003	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP4004	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP4005	ASET77941	21/11/2019	Inter lab duplicate	--	0.00055
SP4006	ASET77941	21/11/2019	Inter lab duplicate	--	0.00026
SP4006-A	ASET77941	21/11/2019	Inter lab duplicate	--	0.00034
SP4007	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP4008	ASET77941	21/11/2019	Inter lab duplicate	--	nd
SP4009	ASET78051	27/11/2019	Inter lab duplicate	--	nd
SP4010	ASET78051	27/11/2019	Inter lab duplicate	--	0.00005
SP4011	ASET78051	27/11/2019	Inter lab duplicate	--	0.00018
SP4012	ASET78051	27/11/2019	Inter lab duplicate	--	nd
SP4013	ASET78051	27/11/2019	Inter lab duplicate	--	nd
SP4014	ASET78051	27/11/2019	Inter lab duplicate	--	0.00010
SP4015	ASET78051	27/11/2019	Inter lab duplicate	--	nd
SP4016	ASET78051	27/11/2019	Inter lab duplicate	--	0.00043
SP4017	ASET78051	27/11/2019	Inter lab duplicate	--	0.00003
SP4018	ASET78051	27/11/2019	Inter lab duplicate	--	0.00004
SP4019	ASET78051	28/11/2019	Inter lab duplicate	--	nd
SP4020	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4021	ASET78092	29/11/2019	Inter lab duplicate	--	0.00071
SP4022	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4023	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4024	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4025	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4026	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4027	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4028	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4029	ASET78092	29/11/2019	Inter lab duplicate	--	0.00226
SP4029-A	ASET78092	29/11/2019	Inter lab duplicate	--	0.00467
SP4029-FP	ASET4029	12/12/2019	Inter lab duplicate	--	nd
SP4030	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4031	ASET78092	29/11/2019	Inter lab duplicate	--	0.00467
SP4031-FP	ASET4029	12/12/2019	Inter lab duplicate	--	nd
SP4032	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4033	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4034	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4035	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4036	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4037	ASET78092	29/11/2019	Inter lab duplicate	--	nd

SP4038	ASET78092	29/11/2019	Inter lab duplicate	--	nd
SP4038-A	ASET78092	29/11/2019	Inter lab duplicate	--	0.00086
SP4039	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4040	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4041	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4042	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4043	ASET78092	2/12/2019	Inter lab duplicate	--	0.00037
SP4044	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4045	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4046	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4047	ASET78131	2/12/2019	Inter lab duplicate	--	0.00191
SP4047-FP	ASET4029	12/12/2019	Inter lab duplicate	--	nd
SP4048	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4049	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4050	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4050-A	ASET78092	2/12/2019	Inter lab duplicate	--	0.00142
SP4050-FP	ASET78131	12/12/2019	Inter lab duplicate	--	0.00010
SP4050-FP	ASET78740	8/01/2020	Inter lab duplicate	--	nd
SP4051	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4052	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4053	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4054	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4055	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4056	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4057	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4058	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4058-A	ASET78131	2/12/2019	Inter lab duplicate	--	0.00011
SP4059	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4060	ASET78131	2/12/2019	Inter lab duplicate	--	0.00033
SP4061	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4062	ASET78131	2/12/2019	Inter lab duplicate	--	nd
SP4063	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4064	ASET78162	2/12/2019	Inter lab duplicate	--	0.00018
SP4065	ASET78162	2/12/2019	Inter lab duplicate	--	0.00017
SP4066	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4067	ASET78162	2/12/2019	Inter lab duplicate	--	0.00080
SP4068	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4069	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4070	ASET78162	2/12/2019	Inter lab duplicate	--	0.00018
SP4070-A	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4071	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4072	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4073	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4074	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4075	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4076	ASET78162	2/12/2019	Inter lab duplicate	--	0.00062
SP4077	ASET78162	2/12/2019	Inter lab duplicate	--	0.00010
SP4078	ASET78162	2/12/2019	Inter lab duplicate	--	0.00027
SP4079	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4080	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4081	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4082	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4083	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4084	ASET78162	2/12/2019	Inter lab duplicate	--	nd
SP4085	ASET78199	3/12/2019	Inter lab duplicate	--	0.00003
SP4086	ASET78199	3/12/2019	Inter lab duplicate	--	0.00015

SP4087	ASET78199	3/12/2019	Inter lab duplicate	--	0.00032
SP4088	ASET78199	3/12/2019	Inter lab duplicate	--	0.00229
SP4088-FP	ASET4029	12/12/2019	Inter lab duplicate	--	nd
SP4089	ASET78199	3/12/2019	Inter lab duplicate	--	0.00025
SP4090	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4091	ASET78199	3/12/2019	Inter lab duplicate	--	<0.0001
SP4092	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4093	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4093-A	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4094	ASET78199	3/12/2019	Inter lab duplicate	--	0.00003
SP4095	ASET78199	3/12/2019	Inter lab duplicate	--	0.00027
SP4096	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4097	ASET78199	3/12/2019	Inter lab duplicate	--	0.00025
SP4098	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4099	ASET78199	3/12/2019	Inter lab duplicate	--	0.00029
SP4100	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4101	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4102	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4103	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4104	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4105	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4105-A	ASET78199	3/12/2019	Inter lab duplicate	--	0.00376
SP4105-FP	ASET4029	12/12/2019	Inter lab duplicate	--	nd
SP4106	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4107	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4108	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4109	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4110	ASET78199	3/12/2019	Inter lab duplicate	--	0.00014
SP4111	ASET78199	3/12/2019	Inter lab duplicate	--	0.00009
SP4112	ASET78199	3/12/2019	Inter lab duplicate	--	nd
SP4113	ASET78199	3/12/2019	Inter lab duplicate	--	0.00009
SP4114	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4115	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4116	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4117	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4118	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4119	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4120	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4120-A	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4121	ASET78299	4/12/2019	Inter lab duplicate	VF	nd
SP4121-RP	--	16/12/2019	Inter lab duplicate	--	--
SP4122	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4123	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4124	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4125	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4126	ASET78299	4/12/2019	Inter lab duplicate	--	0.00159
SP4126-FP	ASET4029	12/12/2019	Inter lab duplicate	--	nd
SP4127	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4128	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4129	ASET78299	4/12/2019	Inter lab duplicate	--	0.00115
SP4129-FP	ASET4029	12/12/2019	Inter lab duplicate	--	nd
SP4130	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4131	ASET78299	4/12/2019	Inter lab duplicate	--	0.00028
SP4132	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4133	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4133-A	ASET78299	4/12/2019	Inter lab duplicate	--	0.00127

SP4133-FP	ASET4029	12/12/2019	Inter lab duplicate	--	nd
SP4134	ASET78299	4/12/2019	Inter lab duplicate	--	nd
SP4135	ASET78299	4/12/2019	Inter lab duplicate	--	0.00035
SP4136	ASET78299	4/12/2019	Inter lab duplicate	VF	nd
SP4136-RP	--	16/12/2019	Inter lab duplicate	--	--
SP4136-RP	--	16/12/2019	Inter lab duplicate	--	nd
SP4137	ASET78299	4/12/2019	Inter lab duplicate	--	0.00032
SP4138	ASET78299	4/12/2019	Inter lab duplicate	VF	nd
SP4138-RP	--	16/12/2019	Inter lab duplicate	--	--
SP4138-RP	--	16/12/2019	Inter lab duplicate	--	nd
SP4139	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4140	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4140-A	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4140-B	SE200858	5/12/2019	Inter lab duplicate	--	nd
SP4141	ASET78259	5/12/2019	Inter lab duplicate	--	0.00016
SP4142	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4143	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4144	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4145	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4146	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4147	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4147-A	ASET78259	5/12/2019	Inter lab duplicate	--	0.00019
SP4147-B	SE200858	5/12/2019	Inter lab duplicate	--	nd
SP4148	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4149	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4150	ASET78259	5/12/2019	Inter lab duplicate	--	0.00028
SP4151	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4152	ASET78259	5/12/2019	Inter lab duplicate	--	0.00002
SP4153	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4154	ASET78259	5/12/2019	Inter lab duplicate	--	0.00004
SP4155	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4155-A	ASET78259	5/12/2019	Inter lab duplicate	--	<0.0001
SP4155-B	SE200858	5/12/2019	Inter lab duplicate	--	nd
SP4156	ASET78259	5/12/2019	Inter lab duplicate	--	0.00005
SP4157	ASET78259	5/12/2019	Inter lab duplicate	--	0.00079
SP4158	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4159	ASET78259	5/12/2019	Inter lab duplicate	--	nd
SP4159-A	ASET78259	5/12/2019	Inter lab duplicate	--	0.00005
SP4159-B	SE200858	5/12/2019	Inter lab duplicate	--	nd
SP4160	ASET78259	5/12/2019	Compliant Stockpile	--	nd
SP4161	ASET78259	5/12/2019	Compliant Stockpile	--	nd
SP4162	ASET78259	5/12/2019	Compliant Stockpile	--	nd
SP4163	ASET78259	5/12/2019	Compliant Stockpile	--	nd
SP4164	ASET78259	5/12/2019	Compliant Stockpile	--	nd
SP4165	ASET78259	5/12/2019	Compliant Stockpile	--	nd
SP4166	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4167	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4168	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4169	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4170	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4171	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4172	ASET78258	6/12/2019	Compliant Stockpile	--	0.00001
SP4173	ASET78258	6/12/2019	Compliant Stockpile	--	0.00072
SP4174	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4175	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4176	ASET78258	6/12/2019	Compliant Stockpile	--	0.00017

SP4177	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4178	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4179	ASET78258	6/12/2019	Compliant Stockpile	--	0.00006
SP4180	ASET78258	6/12/2019	Compliant Stockpile	--	0.00017
SP4180-A	ASET78258	6/12/2019	Intra lab duplicate	--	nd
SP4181	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4182	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4183	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4184	ASET78258	6/12/2019	Compliant Stockpile	--	0.00015
SP4185	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4186	ASET78258	6/12/2019	Compliant Stockpile	--	0.00037
SP4187	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4188	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4189	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4190	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4190-A	ASET78258	6/12/2019	Intra lab duplicate	--	nd
SP4191	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4192	ASET78258	6/12/2019	Compliant Stockpile	--	nd
SP4193	ASET78315	9/12/2019	Fail due to duplicate fail	--	nd
SP4193-A	ASET78315	9/12/2019	Fail due to duplicate fail	--	nd
SP4193-B	SE200974	9/12/2019	Fail due to duplicate fail	--	0.00658
SP4193	ASET78491	16/12/2019	Footprint clearance/ valdiation post fail	--	nd
SP4194	ASET78315	9/12/2019	Fail due to duplicate fail	--	0.00026
SP4194-A	ASET78315	9/12/2019	Fail due to duplicate fail	--	nd
SP4194-B	SE200974	9/12/2019	Fail due to duplicate fail	--	0.00308
SP4194	ASET78491	16/12/2019	Footprint clearance/ valdiation post fail	--	nd
SP4195	ASET78315	9/12/2019	Compliant Stockpile	--	nd
SP4195-A	ASET78315	9/12/2019	Intra lab duplicate	--	0.00014
SP4195-B	SE200974	9/12/2019	Inter lab duplicate	--	0.00100
SP4196	ASET78315	9/12/2019	Compliant Stockpile	--	0.00011
SP4196-A	ASET78315	9/12/2019	Intra lab duplicate	--	nd
SP4196-B	SE200974	9/12/2019	Inter lab duplicate	--	nd
SP4197	ASET78315	9/12/2019	Compliant Stockpile	--	nd
SP4198	ASET78315	9/12/2019	Compliant Stockpile	--	0.00030
SP4199	ASET78315	9/12/2019	Compliant Stockpile	--	nd
SP4200	ASET78315	9/12/2019	Compliant Stockpile	--	nd
SP4201	ASET78315	9/12/2019	Compliant Stockpile	--	0.00005
SP4202	ASET78315	9/12/2019	Compliant Stockpile	--	0.00010
SP4203	ASET78315	9/12/2019	Compliant Stockpile	--	nd
SP4204	ASET78315	9/12/2019	Compliant Stockpile	--	0.00011
SP4205	ASET78315	9/12/2019	Compliant Stockpile	0.00000001	nd
SP4206	ASET78315	9/12/2019	Compliant Stockpile	--	0.00023
SP4207	ASET78315	9/12/2019	Compliant Stockpile	--	nd
SP4208	ASET78315	9/12/2019	Compliant Stockpile	--	nd
SP4209	ASET78315	9/12/2019	Compliant Stockpile	--	nd
SP4210	ASET78315	9/12/2019	Compliant Stockpile	--	nd
SP4211	ASET78315	9/12/2019	Compliant Stockpile	--	0.00005
SP4212	ASET78315	9/12/2019	Compliant Stockpile	--	0.00022
SP4213	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4214	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4215	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4216	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4217	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4218	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4219	ASET78379	11/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00187
SP4219	ASET78557	18/12/2019	Footprint clearance/ valdiation post fail	--	nd

SP4220	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4221	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4222	ASET78379	11/12/2019	Compliant Stockpile	--	0.00025
SP4223	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4224	ASET78379	11/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00179
SP4224	ASET78557	18/12/2019	Footprint clearance/ valdiation post fail	--	nd
SP4225	ASET78379	11/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00391
SP4225-A	ASET78379	11/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00086
SP4225	ASET78557	18/12/2019	Footprint clearance/ valdiation post fail	--	nd
SP4226	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4227	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4228	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4229	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4230	ASET78379	11/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00145
SP4230	ASET78557	18/12/2019	Footprint clearance/ valdiation post fail	--	nd
SP4231	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4232	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4233	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4234	ASET78379	11/12/2019	Compliant Stockpile	--	<0.0001
SP4235	ASET78379	11/12/2019	Compliant Stockpile	--	0.00083
SP4236	ASET78379	11/12/2019	Compliant Stockpile	--	nd
SP4236-A	ASET78379	11/12/2019	Intra lab duplicate	--	nd
SP4237	ASET78417	12/12/2019	Compliant Stockpile	--	nd
SP4238	ASET78417	12/12/2019	Compliant Stockpile	--	nd
SP4239	ASET78417	12/12/2019	Compliant Stockpile	--	nd
SP4240	ASET78417	12/12/2019	Compliant Stockpile	--	nd
SP4241	ASET78417	12/12/2019	Compliant Stockpile	--	nd
SP4242	ASET78417	12/12/2019	Compliant Stockpile	--	<0.00001
SP4243	ASET78417	12/12/2019	Compliant Stockpile	--	nd
SP4244	ASET78417	12/12/2019	Compliant Stockpile	--	<0.00001
SP4245	ASET78452	13/12/2019	Compliant Stockpile	--	0.00086
SP4246	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4247	ASET78452	13/12/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP4247-RP	--	7/01/2020	Compliant Stockpile	Nill	--
SP4248	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4249	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4250	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4250-A	ASET78452	13/12/2019	Intra lab duplicate		nd
SP4251	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4252	ASET78452	13/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.01000
SP4252-FP	ASET78719	7/01/2020	Footprint clearance/ validation post fail	--	nd
SP4253	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4254	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4255	ASET78452	13/12/2019	Compliant Stockpile	--	0.00003
SP4256	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4257	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4258	ASET78452	13/12/2019	Compliant Stockpile	--	0.00003
SP4259	ASET78452	13/12/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP4259-RP	--	7/01/2020	Compliant Stockpile	Nill	--
SP4260	ASET78452	13/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00117
SP4260-A	ASET78452	13/12/2019	Intra lab duplicate		nd
SP4260-FP	ASET78719	7/01/2020	Footprint clearance/ validation post fail	--	nd
SP4261	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4262	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4263	ASET78452	13/12/2019	Compliant Stockpile	--	0.00030
SP4264	ASET78452	13/12/2019	Compliant Stockpile	--	nd

SP4265	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4266	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4267	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4268	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4269	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4270	ASET78452	13/12/2019	Compliant Stockpile	--	0.00030
SP4270-A	ASET78452	13/12/2019	Intra lab duplicate		nd
SP4271	ASET78452	13/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00320
SP4271-FP	ASET78719	7/01/2020	Footprint clearance/ validation post fail	--	nd
SP4272	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4273	ASET78452	13/12/2019	Compliant Stockpile	--	0.00010
SP4274	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4275	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4276	ASET78452	13/12/2019	Compliant Stockpile	--	0.00010
SP4277	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4278	ASET78452	13/12/2019	Compliant Stockpile	--	0.00030
SP4279	ASET78452	13/12/2019	Compliant Stockpile	--	0.00010
SP4280	ASET78452	13/12/2019	Compliant Stockpile	--	0.00093
SP4281	ASET78452	13/12/2019	Compliant Stockpile	--	0.00095
SP4282	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4283	ASET78452	13/12/2019	Compliant Stockpile	--	0.00068
SP4284	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4285	ASET78452	13/12/2019	Compliant Stockpile	--	0.00010
SP4286	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4287	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4288	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4289	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4290	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4291	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4291-A	ASET78452	13/12/2019	Intra lab duplicate	--	0.00010
SP4292	ASET78452	13/12/2019	Compliant Stockpile	--	0.00003
SP4293	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4294	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4295	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4296	ASET78452	13/12/2019	Compliant Stockpile	--	0.00030
SP4297	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4298	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4299	ASET78452	13/12/2019	Compliant Stockpile	--	0.00060
SP4300	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4301	ASET78452	13/12/2019	Compliant Stockpile	--	0.00020
SP4302	ASET78452	13/12/2019	Compliant Stockpile	--	0.00020
SP4303	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4303-A	ASET78452	13/12/2019	Intra lab duplicate	--	nd
SP4304	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4305	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4306	ASET78452	13/12/2019	Compliant Stockpile	--	0.00010
SP4307	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4308	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4309	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4310	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4311	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4312	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4313	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4314	ASET78452	13/12/2019	Compliant Stockpile	--	nd
SP4315	ASET78492	16/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00226
SP4315-FP	ASET78719	7/01/2020	Footprint clearance/ validation post fail	--	nd

SP4316	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4317	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4318	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4319	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4320	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4321	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4322	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4323	ASET78492	16/12/2019	Compliant Stockpile	--	0.00000
SP4324	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4324-A	ASET78492	16/12/2019	Intra lab duplicate	--	0.00001
SP4325	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4326	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4327	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4328	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4329	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4330	ASET78492	16/12/2019	Compliant Stockpile	--	0.00087
SP4331	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4332	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4333	ASET78492	16/12/2019	Compliant Stockpile	--	0.00053
SP4334	ASET78492	16/12/2019	Compliant Stockpile	--	0.00013
SP4334-A	ASET78492	16/12/2019	Intra lab duplicate	--	
SP4335	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4336	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4337	ASET78492	16/12/2019	Compliant Stockpile	--	0.00005
SP4338	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4339	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4340	ASET78492	16/12/2019	Compliant Stockpile	--	0.00050
SP4341	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4342	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4343	ASET78492	16/12/2019	Compliant Stockpile	--	0.00060
SP4344	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4344-A	ASET78492	16/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00119
SP4344-FP	ASET78772	9/01/2020	FP Validated as part of Pad 1 validation	--	nd
SP4345	ASET78492	16/12/2019	Compliant Stockpile	--	nd
SP4346	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4347	ASET78541	17/12/2019	Compliant Stockpile	--	<0.00001
SP4348	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4349	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4350	ASET78541	17/12/2019	Compliant Stockpile	--	0.00003
SP4351	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4352	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4345	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4353	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4354	ASET78541	17/12/2019	Compliant Stockpile	--	0.00022
SP4355	ASET78541	17/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.01183
SP4355-A	ASET78541	17/12/2019	SP fail due to AF/FA. To be removed for storage	--	nd
SP4355-FP	ASET78719	7/01/2020	Footprint clearance/ validation post fail	--	nd
SP4356	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4357	ASET78541	17/12/2019	Compliant Stockpile	--	0.00080
SP4358	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4359	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4360	ASET78541	17/12/2019	Compliant Stockpile	--	0.00019
SP4361	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4362	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4363	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4364	ASET78541	17/12/2019	Compliant Stockpile	--	0.00076

SP4365	ASET78541	17/12/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP4365-RP	-	19/12/2019	Compliant Stockpile	--	nd
SP4366	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4367	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4368	ASET78541	17/12/2019	Compliant Stockpile	--	0.00017
SP4369	ASET78541	17/12/2019	Compliant Stockpile	--	nd
SP4369-A	ASET78541	17/12/2019	Intra lab duplicate	--	nd
SP4370	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4371	ASET78560	18/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00200
SP4371-FP	ASET78772	9/01/2020	Footprint clearance/ validation post fail	--	nd
SP4371-A	ASET78560	18/12/2019	Intra lab duplicate	--	nd
SP4371-B	SE201399	18/12/2019	Inter lab duplicate	0.01	nd
SP4372	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4373	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4374	ASET78560	18/12/2019	Compliant Stockpile	--	0.00100
SP4375	ASET78560	18/12/2019	Compliant Stockpile	--	0.00025
SP4376	ASET78560	18/12/2019	Compliant Stockpile	--	0.00100
SP4377	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4377-A	ASET78560	18/12/2019	Intra lab duplicate	--	0.00100
SP4377-**B**	SE201399	18/12/2019	Inter lab duplicate	--	nd
SP4378	ASET78560	18/12/2019	Compliant Stockpile	--	0.00002
SP4379	ASET78560	18/12/2019	Stockpile failed due to ACM, needs to be repicked	VF	0.00001
SP4379-RP	-	19/12/2019	Compliant Stockpile	--	nd
SP4380	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4380	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4381	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4382	ASET78560	18/12/2019	Compliant Stockpile	--	0.00100
SP4383	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4384	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4385	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4386	ASET78560	18/12/2019	Compliant Stockpile	--	0.00046
SP4387	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4388	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4388-A	ASET78560	18/12/2019	Intra lab duplicate	--	nd
SP4388-B	SE201399	18/12/2019	Inter lab duplicate	--	nd
SP4389	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4390	ASET78560	18/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00300
SP4390-FP	ASET78772	9/01/2020	Footprint clearance/ validation post fail	--	nd
SP4391	ASET78560	18/12/2019	Compliant Stockpile	--	0.00003
SP4392	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4393	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4394	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4395	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4396	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4396-A	ASET78560	18/12/2019	Intra lab duplicate	--	nd
SP4396-B	SE201399	18/12/2019	Inter lab duplicate	--	nd
SP4397	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4398	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4399	ASET78560	18/12/2019	Compliant Stockpile	0.0003	0.00017
SP4400	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4401	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4402	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4403	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4404	ASET78560	18/12/2019	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP4404-RP	-	19/12/2019	Compliant Stockpile	--	nd
SP4405	ASET78560	18/12/2019	Compliant Stockpile	--	nd

SP4406	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4407	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4408	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4409	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4410	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4411	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4412	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4413	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4414	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4415	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4416	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4417	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4418	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4419	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4420	ASET78560	18/12/2019	Compliant Stockpile	--	nd
SP4421	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4422	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4423	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4424	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4425	ASET78591	19/12/2019	Compliant Stockpile	--	0.00050
SP4426	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4427	ASET78591	19/12/2019	Compliant Stockpile	--	0.00001
SP4428	ASET78591	19/12/2019	Compliant Stockpile	--	0.00010
SP4429	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4430	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4431	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4431-A	ASET78591	19/12/2019	Intra lab duplicate	--	0.00010
SP4432	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4433	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4434	ASET78591	19/12/2019	Compliant Stockpile	--	nd
SP4435	ASET78591	19/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.00130
SP4435-FP	ASET78772	9/01/2020	Footprint clearance/ validation post fail	--	nd
SP4436	ASET78591	19/12/2019	SP fail due to AF/FA. To be removed for storage	--	0.01000
SP4436-FP	ASET78772	9/01/2020	Footprint clearance/ validation post fail	--	nd
SP4437	ASET78692	6/01/2020	Stockpile failed due to ACM, needs to be repicked	VF	0.00075
SP4437-RP	--	22/01/2020	Compliant Stockpile	--	--
SP4438	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4439	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4440	ASET78692	6/01/2020	Compliant Stockpile	--	0.00039
SP4441	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4442	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4443	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4444	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4445	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4446	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4447	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4447-A	ASET78692	6/01/2020	Intra lab duplicate	--	nd
SP4448	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4449	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4450	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4451	ASET78692	6/01/2020	Compliant Stockpile	--	0.00003
SP4452	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4453	ASET78692	6/01/2020	Compliant Stockpile	--	0.00057
SP4454	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4455	ASET78692	6/01/2020	Compliant Stockpile	--	0.00007
SP4456	ASET78692	6/01/2020	Compliant Stockpile	--	nd

SP4457	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4458	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4459	ASET78692	6/01/2020	Compliant Stockpile	--	nd
SP4459-A	ASET78692	6/01/2020	Intra lab duplicate	--	nd
SP4460	ASET78720	7/01/2020	Compliant Stockpile	--	0.00028
SP4461	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4462	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4463	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4464	ASET78720	7/01/2020	Compliant Stockpile	--	0.00019
SP4465	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4466	ASET78720	7/01/2020	Compliant Stockpile	--	0.00016
SP4467	ASET78720	7/01/2020	Compliant Stockpile	--	0.00017
SP4468	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4469	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4470	ASET78720	7/01/2020	SP fail due to AF/FA in Duplicate sample	--	nd
SP4470-A	ASET78720	7/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00123
SP4470-FP	ASET79377	31/01/2020	Footprint clearance/ validation post fail	--	nd
SP4471	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4472	ASET78720	7/01/2020	Compliant Stockpile	--	0.00024
SP4473	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4474	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4475	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4476	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4477	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4478	ASET78720	7/01/2020	Compliant Stockpile	--	0.00026
SP4479	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4480	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4481	ASET78720	7/01/2020	Compliant Stockpile	--	0.00013
SP4481-A	ASET78720	7/01/2020	Intra lab duplicate	--	0.00034
SP4482	ASET78720	7/01/2020	Compliant Stockpile	--	nd
SP4483	ASET78741	8/01/2020	Compliant Stockpile	--	0.00002
SP4484	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4485	ASET78741	8/01/2020	Compliant Stockpile	--	0.00051
SP4486	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4487	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4488	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4489	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4490	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4491	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4492	ASET78741	8/01/2020	Compliant Stockpile	--	0.00029
SP4493	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4494	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4495	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4496	ASET78741	8/01/2020	Compliant Stockpile	--	0.00008
SP4496-A	ASET78741	8/01/2020	Intra lab duplicate	--	nd
SP4497	ASET78741	8/01/2020	Compliant Stockpile	--	0.00075
SP4498	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4499	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4500	ASET78741	8/01/2020	Compliant Stockpile	--	0.00001
SP4501	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4502	ASET78741	8/01/2020	Compliant Stockpile	--	0.00002
SP4503	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4504	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4504-A	ASET78741	8/01/2020	Intra lab duplicate	--	nd
SP4505	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4506	ASET78741	8/01/2020	Compliant Stockpile	--	nd

SP4507	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4508	ASET78741	8/01/2020	Compliant Stockpile	--	nd
SP4509	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4510	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4511	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4512	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4513	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4514	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4515	ASET78773	9/01/2020	Compliant Stockpile	--	0.00002
SP4516	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4517	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4518	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4518-A	ASET78773	9/01/2020	Intra lab duplicate	--	nd
SP4519	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4520	ASET78773	9/01/2020	Compliant Stockpile	--	0.00001
SP4521	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4522	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4523	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4524	ASET78773	9/01/2020	Compliant Stockpile	--	0.00021
SP4525	ASET78773	9/01/2020	Compliant Stockpile	--	0.00009
SP4526	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4527	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4528	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4529	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4530	ASET78773	9/01/2020	Compliant Stockpile	--	0.00034
SP4531	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4532	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4533	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4533-A	ASET78773	9/01/2020	Intra lab duplicate	--	nd
SP4534	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4535	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4536	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4537	ASET78773	9/01/2020	Compliant Stockpile	--	nd
SP4538	ASET78798	10/01/2020	Compliant Stockpile	--	0.00083
SP4539	ASET78798	43840	SP fail due to AF/FA. To be removed for storage	--	0.00207485
SP4539-FP	ASET79117	22/01/2020	AF/FA detected in footprint sample	--	0.0007991
SP4539-FP	ASET79272	29/01/2020	Footprint clearance/ validation post fail	--	nd
SP4540	ASET78798	43840	SP fail due to AF/FA. To be removed for storage	--	0.006253913
SP4540-A	ASET78798	43840	SP fail due to AF/FA. To be removed for storage	--	2.1E-05
SP4540-FP	ASET79117	22/01/2020	ACM detected in footprint sample	--	0.01
SP4540-FP	ASET79272	29/01/2020	Footprint clearance/ validation post fail	--	nd
SP4541	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4542	ASET78798	10/01/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP4542-RP	--	22/01/2020	Compliant Stockpile	--	--
SP4543	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4544	ASET78798	10/01/2020	Compliant Stockpile	--	0.00034
SP4545	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4546	ASET78798	10/01/2020	Compliant Stockpile	--	0.00017
SP4547	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4548	ASET78798	43840	SP fail due to AF/FA. To be removed for storage	--	0.016358744
SP4548-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4549	ASET78798	10/01/2020	Stockpile failed due to ACM, needs to be repicked	VF	0.00042
SP4549-RP	--	22/01/2020	Compliant Stockpile	--	--
SP4550	ASET78798	43840	Fail due to duplicate fail	--	0.000575045
SP4550-A	ASET78798	43840	SP fail due to AF/FA. To be removed for storage	--	0.001782531
SP4550-FP	ASET79117	22/01/2020	AF/FA detected in footprint sample	--	0.00015

SP4550-FP	ASET79272	29/01/2020	Footprint clearance/ validation post fail	--	nd
SP4551	ASET78798	10/01/2020	Compliant Stockpile	--	0.00030
SP4552	ASET78798	10/01/2020	Compliant Stockpile	--	0.00064
SP4553	ASET78798	10/01/2020	Compliant Stockpile	--	0.00081
SP4554	ASET78798	10/01/2020	Compliant Stockpile	--	0.00051
SP4555	ASET78798	10/01/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00034
SP4555-RP	--	22/01/2020	Compliant Stockpile	--	--
SP4556	ASET78798	43840	SP fail due to AF/FA. To be removed for storage	--	0.003238095
SP4556-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4557	ASET78798	10/01/2020	Compliant Stockpile	--	0.00079
SP4558	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4559	ASET78798	10/01/2020	Compliant Stockpile	--	0.00027
SP4560	ASET78798	10/01/2020	Compliant Stockpile	--	0.00011
SP4560-A	ASET78798	10/01/2020	Intra lab duplicate	--	0.00049
SP4561	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4562	ASET78798	10/01/2020	Compliant Stockpile	--	0.00002
SP4563	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4564	ASET78798	10/01/2020	Compliant Stockpile	--	0.00005
SP4565	ASET78798	10/01/2020	Compliant Stockpile	--	0.00006
SP4566	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4567	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4568	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4569	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4570	ASET78798	10/01/2020	Compliant Stockpile	--	0.00079
SP4571	ASET78798	10/01/2020	Compliant Stockpile	--	0.00044
SP4572	ASET78798	10/01/2020	Compliant Stockpile	--	0.00013
SP4573	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4574	ASET78798	10/01/2020	Compliant Stockpile	--	0.00012
SP4575	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4576	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4576-A	ASET78798	10/01/2020	Intra lab duplicate	--	nd
SP4577	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4578	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4579	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4580	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4581	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4582	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4583	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4584	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4585	ASET78798	10/01/2020	Compliant Stockpile	--	0.00087
SP4586	ASET78798	10/01/2020	Compliant Stockpile	--	0.00005
SP4587	ASET78798	10/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.001856419
SP4587-A	ASET78798	10/01/2020	SP fail due to AF/FA. To be removed for storage	--	6.81818E-05
SP4587-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4588	ASET78798	10/01/2020	Compliant Stockpile	--	nd
SP4589	ASET78866	13/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00108
SP4589-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4590	ASET78866	13/01/2020	Stockpile failed due to ACM, needs to be repicked	VF	0.00039
SP4590-RP	--	22/01/2020	Compliant Stockpile	--	--
SP4591	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4592	ASET78866	13/01/2020	Compliant Stockpile	--	0.00023
SP4593	ASET78866	13/01/2020	Compliant Stockpile	--	0.00068
SP4594	ASET78866	13/01/2020	Compliant Stockpile	--	0.00031
SP4595	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4596	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4597	ASET78866	13/01/2020	Compliant Stockpile	--	nd

SP4598	ASET78866	13/01/2020	Compliant Stockpile	--	0.00005
SP4599	ASET78866	13/01/2020	Compliant Stockpile	--	0.00005
SP4600	ASET78866	13/01/2020	Compliant Stockpile	--	0.00003
SP4600-A	ASET78866	13/01/2020	Intra lab duplicate	--	0.00004
SP4601	ASET78866	13/01/2020	Compliant Stockpile	--	0.00029
SP4602	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4603	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4604	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4605	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4606	ASET78866	13/01/2020	Compliant Stockpile	--	0.00004
SP4607	ASET78866	13/01/2020	Compliant Stockpile	--	0.00072
SP4608	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4609	ASET78866	13/01/2020	Compliant Stockpile	--	0.00017
SP4610	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4611	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4611-A	ASET78866	13/01/2020	Intra lab duplicate	--	0.00030
SP4612	ASET78866	13/01/2020	Compliant Stockpile	--	nd
SP4613	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4613-A	ASET78918	14/01/2020	Intra lab duplicate		0.00036
SP4614	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4615	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4616	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4617	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4618	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4619	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4620	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4620-A	ASET78918	14/01/2020	Intra lab duplicate		<0.00002
SP4621	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4622	ASET78918	14/01/2020	Compliant Stockpile	--	0.00054
SP4623	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4623-A	ASET78918	14/01/2020	Intra lab duplicate		nd
SP4624	ASET78918	14/01/2020	Compliant Stockpile	--	0.00009
SP4625	ASET78918	14/01/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4625-RP	--	30/01/2020	Compliant Stockpile	--	--
SP4626	ASET78918	14/01/2020	Compliant Stockpile	--	<0.00002
SP4627	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4628	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4629	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4630	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4631	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4631-A	ASET78918	14/01/2020	Intra lab duplicate		nd
SP4632	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4633	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4633-A	ASET78918	14/01/2020	Intra lab duplicate		nd
SP4634	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4635	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00215
SP4635-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4636	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00249
SP4636-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4637	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4638	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00115
SP4638-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4639	ASET78918	14/01/2020	Compliant Stockpile	--	0.00006
SP4640	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00139
SP4640-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4641	ASET78918	14/01/2020	Compliant Stockpile	--	0.00006

SP4642	ASET78918	14/01/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00005
SP4642-RP	--	30/01/2020	Compliant Stockpile	--	--
SP4643	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00100
SP4643-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4644	ASET78918	14/01/2020	Compliant Stockpile	--	0.00026
SP4645	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00390
SP4645-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4646	ASET78918	14/01/2020		--	0.00004
SP4646-A	ASET78918	14/01/2020	Intra lab duplicate		0.00078
SP4647	ASET78918	14/01/2020	Compliant Stockpile	--	0.00011
SP4648	ASET78918	14/01/2020	Compliant Stockpile	--	0.00006
SP4649	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4650	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00268
SP4650-FP	ASET79117	22/01/2020	Footprint clearance/ validation post fail	--	nd
SP4651	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4652	ASET78918	14/01/2020	Compliant Stockpile	--	0.00054
SP4653	ASET78918	14/01/2020	Compliant Stockpile	--	0.00026
SP4653-A	ASET78918	14/01/2020	Intra lab duplicate		0.00014
SP4654	ASET78918	14/01/2020	Compliant Stockpile	--	0.00005
SP4655	ASET78918	14/01/2020	Compliant Stockpile	--	0.00019
SP4656	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00384
SP4656-FP	ASET79377	31/01/2020	Footprint clearance/ validation post fail	--	nd
SP4657	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00141
SP4657-FP	ASET79377	31/01/2020	Footprint clearance/ validation post fail	--	nd
SP4658	ASET78918	14/01/2020	Compliant Stockpile	--	0.00021
SP4659	ASET78918	14/01/2020	Compliant Stockpile	--	nd
SP4660	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00100
SP4660-FP	ASET79377	31/01/2020	Footprint clearance/ validation post fail	--	nd
SP4661	ASET78918	14/01/2020	Compliant Stockpile	--	0.00041
SP4662	ASET78918	14/01/2020	Compliant Stockpile	--	0.00032
SP4663	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00302
SP4663-A	ASET78918	14/01/2020	SP fail due to AF/FA. To be removed for storage		0.00344
SP4663-FP	ASET79377	31/01/2020	Footprint clearance/ validation post fail	--	nd
SP4664	ASET78918	14/01/2020	Compliant Stockpile	--	0.00021
SP4665	ASET78947	15/01/2020	Compliant Stockpile	--	0.00087
SP4666	ASET78947	15/01/2020	Compliant Stockpile	--	0.00003
SP4667	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4668	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4669	ASET78947	15/01/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00002
SP4669-RP	--	30/01/2020	Compliant Stockpile	--	--
SP4670	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4671	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4672	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4673	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4673-A	ASET78947	15/01/2020	Intra lab duplicate	--	nd
SP4674	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4675	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4676	ASET78947	15/01/2020	Compliant Stockpile	--	0.00091
SP4677	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4678	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4679	ASET78947	15/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00331
SP4679-FP	ASET79377	31/01/2020	ACM detected in footprint sample	0.035	
SP4679-FP	ASET80037	24/02/2020	Footprint clearance/ validation post fail	--	nd
SP4680	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4680-A	ASET78947	15/01/2020	Intra lab duplicate	--	0.00002
SP4681	ASET78947	15/01/2020	Compliant Stockpile	--	nd

SP4682	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4683	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4684	ASET78947	15/01/2020	Compliant Stockpile	--	0.00001
SP4685	ASET78947	15/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00210
SP4685-FP	ASET79377	31/01/2020	Footprint clearance/ validation post fail	--	nd
SP4686	ASET78947	15/01/2020	Compliant Stockpile	--	0.00008
SP4687	ASET78947	15/01/2020	Compliant Stockpile	--	0.00056
SP4688	ASET78947	15/01/2020	Compliant Stockpile	--	0.00099
SP4689	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4690	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4691	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4692	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4693	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4694	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4695	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4696	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4697	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4698	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4699	ASET78947	15/01/2020	Compliant Stockpile	--	0.00008
SP4699-A	ASET78947	15/01/2020	Intra lab duplicate	--	nd
SP4700	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4701	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4702	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4703	ASET78947	15/01/2020	Compliant Stockpile	--	nd
SP4704	ASET79058	20/01/2020	Compliant Stockpile	--	nd
SP4705	ASET79058	20/01/2020	Compliant Stockpile	--	nd
SP4706	ASET79058	20/01/2020	Compliant Stockpile	--	0.00004
SP4707	ASET79058	20/01/2020	Compliant Stockpile	--	0.00060
SP4708	ASET79058	20/01/2020	Compliant Stockpile	--	0.00010
SP4709	ASET79058	20/01/2020	Compliant Stockpile	--	0.00096
SP4710	ASET79089	21/01/2020	Compliant Stockpile	--	0.00020
SP4711	ASET79089	21/01/2020	Compliant Stockpile	--	0.00040
SP4712	ASET79089	21/01/2020	Compliant Stockpile	--	nd
SP4713	ASET79089	21/01/2020	Compliant Stockpile	--	0.00010
SP4714	ASET79089	21/01/2020	Compliant Stockpile	--	nd
SP4715	ASET79089	21/01/2020	Compliant Stockpile	--	0.00025
SP4716	ASET79089	21/01/2020	Compliant Stockpile	--	nd
SP4717	ASET79089	21/01/2020	Compliant Stockpile	--	0.00020
SP4718	ASET79089	21/01/2020	Compliant Stockpile	--	0.00020
SP4719	ASET79089	21/01/2020	Compliant Stockpile	--	0.00020
SP4720	ASET79089	21/01/2020	Compliant Stockpile	--	nd
SP4721	ASET79089	21/01/2020	Compliant Stockpile	--	nd
SP4722	ASET79089	21/01/2020	Compliant Stockpile	--	0.00020
SP4723	ASET79089	21/01/2020	Compliant Stockpile	--	0.00062
SP4724	ASET79089	21/01/2020	Compliant Stockpile	--	0.00015
SP4725	ASET79089	21/01/2020	Compliant Stockpile	--	nd
SP4726	ASET79089	21/01/2020	Compliant Stockpile	--	0.00030
SP4727	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4728	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4729	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4730	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4731	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4732	ASET79116	22/01/2020	Compliant Stockpile	--	0.00040
SP4733	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4734	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4735	ASET79116	22/01/2020	Compliant Stockpile	--	nd

SP4736	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4737	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4738	ASET79116	22/01/2020	Compliant Stockpile	--	0.00001
SP4739	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4740	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4741	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4742	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4743	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4744	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4745	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4746	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4747	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4748	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4749	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4750	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4751	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4752	ASET79116	22/01/2020	Compliant Stockpile	--	0.00060
SP4753	ASET79116	22/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00129
SP4753-FP	ASET80037	24/02/2020	Footprint clearance/ validation post fail	--	nd
SP4754	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4755	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4756	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4757	ASET79116	22/01/2020	Compliant Stockpile	--	nd
SP4758	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4759	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4760	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4761	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4762	ASET79191	24/01/2020	Compliant Stockpile	--	<0.00001
SP4763	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4764	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4765	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4766	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4767	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4768	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4769	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4769-A	ASET79191	24/01/2020	Intra lab duplicate	--	nd
SP4770	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4771	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4772	ASET79191	24/01/2020	Compliant Stockpile	--	0.00016
SP4773	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4774	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4775	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4776	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4777	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4778	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4779	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4780	ASET79191	24/01/2020	Compliant Stockpile	--	nd
SP4780-A	ASET79191	24/01/2020	Intra lab duplicate	--	nd
SP4781	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4782	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4783	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4784	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4785	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4786	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4787	ASET79270	29/01/2020	SP fail due to AF/FA. To be removed for storage	--	nd
SP4787-A	ASET79270	29/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00226

SP4787-FP	ASET80037	24/02/2020	Footprint clearance/ validation post fail	--	nd
SP4788	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4789	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4790	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4791	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4792	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4793	ASET79270	29/01/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4793-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4794	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4795	ASET79270	29/01/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4795-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4796	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4797	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4798	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4799	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4800	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4800-A	ASET79270	29/01/2020	Intra lab duplicate	--	0.00001
SP4801	ASET79270	29/01/2020	Compliant Stockpile	--	0.00037
SP4802	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4803	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4804	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4805	ASET79270	29/01/2020	Compliant Stockpile	--	0.00002
SP4806	ASET79270	29/01/2020	Compliant Stockpile	--	nd
SP4807	ASET79270	29/01/2020	Compliant Stockpile	--	0.00062
SP4807-A	ASET79270	29/01/2020	Intra lab duplicate	--	nd
SP4808	ASET79343	30/01/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4808-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4809	ASET79343	30/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00222
SP4809-FP	ASET78871	19/02/2020	Footprint clearance/ validation post fail	--	nd
SP4810	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4810-A	ASET79343	30/01/2020	Intra lab duplicate	--	nd
SP4811	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4812	ASET79343	30/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00107
SP4812-FP	ASET78871	19/02/2020	Footprint clearance/ validation post fail	--	nd
SP4813	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4814	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4815	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4816	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4817	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4818	ASET79343	30/01/2020	Compliant Stockpile	--	0.00074
SP4819	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4820	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4821	ASET79343	30/01/2020	Compliant Stockpile	--	0.00013
SP4822	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4823	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4824	ASET79343	30/01/2020	Compliant Stockpile	--	0.00011
SP4825	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4826	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4827	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4827-A	ASET79343	30/01/2020	Intra lab duplicate	--	nd
SP4828	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4829	ASET79343	30/01/2020	Compliant Stockpile	--	0.00021
SP4830	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4831	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4832	ASET79343	30/01/2020	Compliant Stockpile	--	0.00001
SP4833	ASET79343	30/01/2020	Compliant Stockpile	--	0.00024

SP4834	ASET79343	30/01/2020	Compliant Stockpile	--	0.00018
SP4835	ASET79343	30/01/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4835-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4836	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4836-A	ASET79343	30/01/2020	Intra lab duplicate	--	nd
SP4837	ASET79343	30/01/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00004
SP4837-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4838	ASET79343	30/01/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4838-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4839	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4840	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4841	ASET79343	30/01/2020	Compliant Stockpile	--	0.00023
SP4842	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4843	ASET79343	30/01/2020	Compliant Stockpile	--	nd
SP4844	ASET79378	31/01/2020	Compliant Stockpile	--	0.00017
SP4845	ASET79378	31/01/2020	Compliant Stockpile	--	0.00006
SP4846	ASET79378	31/01/2020	Compliant Stockpile	--	0.00009
SP4847	ASET79378	31/01/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00020
SP4847-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4848	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4848-A	ASET79378	31/01/2020	Intra lab duplicate	--	#VALUE!
SP4848-B	SE202383	31/01/2020	Inter lab duplicate	--	nd
SP4849	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4850	ASET79378	31/01/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4850-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4851	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4852	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4853	ASET79378	31/01/2020	SP fail due to AF/FA. To be removed for storage	--	nd
SP4853-A	ASET79378	31/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00008
SP4853-B	SE202383	31/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00618
			FP Validated as part of Pad 2 validation		nd
SP4854	ASET79378	31/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00100
			FP Validated as part of Pad 2 validation		nd
SP4855	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4856	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4857	ASET79378	31/01/2020	Compliant Stockpile	--	0.00021
SP4858	ASET79378	31/01/2020	Compliant Stockpile	--	0.00017
SP4859	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4860	ASET79378	31/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00066
SP4860-A	ASET79378	31/01/2020	SP fail due to AF/FA. To be removed for storage	--	nd
SP4860-B	SE202383	31/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00906
SP4860-FP	ASET78871	19/02/2020	Footprint clearance/ validation post fail	--	nd
SP4861	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4862	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4863	ASET79378	31/01/2020	Compliant Stockpile	--	0.00055
SP4864	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4865	ASET79378	31/01/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00027
SP4865-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4866	ASET79378	31/01/2020	Compliant Stockpile	--	nd
SP4867	ASET79378	31/01/2020	Compliant Stockpile	--	0.00009
SP4868	ASET79378	31/01/2020	Compliant Stockpile	--	0.00064
SP4869	ASET79378	31/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00195
SP4869-A	ASET79378	31/01/2020	SP fail due to AF/FA. To be removed for storage	--	0.00016
SP4869-B	SE202383	31/01/2020	Inter lab duplicate	--	nd
SP4869-FP	ASET78871	19/02/2020	Footprint clearance/ validation post fail	--	nd
SP4870	ASET79428	4/02/2020	Compliant Stockpile	--	0.00059

SP4870-A	ASET79428	4/02/2020	Intra lab duplicate	--	nd
SP4871	ASET79428	4/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP481-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4872	ASET79428	4/02/2020	Compliant Stockpile	--	nd
SP4873	ASET79428	4/02/2020	Compliant Stockpile	--	nd
SP4874	ASET79428	4/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4874-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4875	ASET79428	4/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4875-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4876	ASET79428	4/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4876-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4877	ASET79428	4/02/2020	Compliant Stockpile	--	nd
SP4878	ASET79428	4/02/2020	SP fail due to AF/FA. To be removed for storage		0.00244
SP4878-FP	ASET79871	19/02/2020	Footprint clearance/ validation post fail	--	nd
SP4879	ASET79428	4/02/2020	Compliant Stockpile	--	0.00045
SP4880	ASET79428	4/02/2020	Compliant Stockpile	--	0.00008
SP4881	ASET79428	4/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4881-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4882	ASET79488	5/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4882-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4883	ASET79488	5/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4883-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4884	ASET79488	5/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4884-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4885	ASET79488	5/02/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00051
SP4885-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4886	ASET79488	5/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00892
SP4886-FP	ASET80037	24/02/2020	Footprint clearance/ validation post fail	--	nd
SP4887	ASET79488	5/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4887-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4888	ASET79488	5/02/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00084
SP4888-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4889	ASET79488	5/02/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00070
SP4889-RP	--	20/02/2020	Compliant Stockpile	--	--
SP4890	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4890-A	ASET79488	5/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00185
SP4890-FP	ASET80037	24/02/2020	Footprint clearance/ validation post fail	--	nd
SP4891	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4892	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4893	ASET79488	5/02/2020	Compliant Stockpile	--	0.00011
SP4894	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4895	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4896	ASET79488	5/02/2020	Compliant Stockpile	--	0.00006
SP4897	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4898	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4899	ASET79488	5/02/2020	Compliant Stockpile	--	0.00012
SP4900	ASET79488	5/02/2020	Compliant Stockpile	--	0.00007
SP4901	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4902	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4903	ASET79488	5/02/2020	Compliant Stockpile	--	0.00010
SP4904	ASET79488	5/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4904-RP	--	24/02/2020	Compliant Stockpile	--	--
SP4905	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4906	ASET79488	5/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00164
SP4906-FP	ASET80037	24/02/2020	Footprint clearance/ validation post fail	--	nd
SP4907	ASET79488	5/02/2020	Compliant Stockpile	--	0.00011

SP4907-A	ASET79488	5/02/2020	Intra lab duplicate	--	0.00007
SP4908	ASET79488	5/02/2020	Compliant Stockpile	--	0.00006
SP4909	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4910	ASET79488	5/02/2020	Compliant Stockpile	--	0.00081
SP4911	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4912	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4913	ASET79488	5/02/2020	Compliant Stockpile	--	0.00088
SP4914	ASET79488	5/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00138
SP4914-FP	ASET80131	26/02/2020	Footprint clearance/ validation post fail	--	nd
SP4915	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4916	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4917	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4918	ASET79488	5/02/2020	Compliant Stockpile	--	0.00012
SP4919	ASET79488	5/02/2020	Compliant Stockpile	--	0.00036
SP4920	ASET79488	5/02/2020	Compliant Stockpile	--	0.00007
SP4921	ASET79488	5/02/2020	Compliant Stockpile	--	nd
SP4922	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4923	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4924	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4925	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4926	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4927	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4928	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4929	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4930	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4930-A	ASET79524	6/02/2020	Intra lab duplicate	--	nd
SP4931	ASET79524	6/02/2020	Compliant Stockpile	--	0.00006
SP4932	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4933	ASET79524	6/02/2020	Compliant Stockpile	--	0.00003
SP4934	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4935	ASET79524	6/02/2020	Compliant Stockpile	--	0.00005
SP4936	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4937	ASET79524	6/02/2020	Compliant Stockpile	--	nd
SP4938	ASET79843	18/02/2020	Compliant Stockpile	--	nd
SP4939	ASET79843	18/02/2020	Compliant Stockpile	--	0.00005
SP4940	ASET79843	18/02/2020	Compliant Stockpile	--	nd
SP4941	ASET79843	18/02/2020	Compliant Stockpile	--	nd
SP4941-A	ASET79843	18/02/2020	Intra lab duplicate	--	nd
SP4942	ASET79843	18/02/2020	Compliant Stockpile	--	nd
SP4943	ASET79843	18/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00200
SP4943-FP	ASET80037	24/02/2020	Footprint clearance/ validation post fail	--	nd
SP4944	ASET79843	18/02/2020	Compliant Stockpile	--	0.00030
SP4945	ASET79843	18/02/2020	Compliant Stockpile	--	nd
SP4946	ASET79843	18/02/2020	Compliant Stockpile	--	nd
SP4947	ASET79843	18/02/2020	Compliant Stockpile	--	0.00073
SP4948	ASET79843	18/02/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP4948-RP	--	24/02/2020	Compliant Stockpile	--	--
SP4949	ASET79843	18/02/2020	Compliant Stockpile	--	0.00082
SP4950	ASET79843	18/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00159
SP4950-FP	ASET80037	24/02/2020	Footprint clearance/ validation post fail	--	nd
SP4951	ASET79843	18/02/2020	Stockpile failed due to ACM, needs to be repicked	VF	0.00006
SP4951-RP	--	24/02/2020	Compliant Stockpile	--	--
SP4952	ASET79874	19/02/2020	Stockpile failed due to ACM, needs to be repicked		nd
SP4952-RP	--	24/02/2020	Compliant Stockpile	--	--
SP4953	ASET79874	19/02/2020	Compliant Stockpile	--	0.00016
SP4954	ASET79874	19/02/2020	Stockpile failed due to ACM, needs to be repicked		nd

SP4954-RP	--	24/02/2020	Compliant Stockpile	--	--
SP4955	ASET79874	19/02/2020	SP fail due to AF/FA. To be removed for storage	--	nd
SP4955-A	ASET79874	19/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00421
SP4955-FP	ASET80262	2/03/2020	Footprint clearance/ validation post fail	--	nd
SP4956	ASET79874	19/02/2020	Stockpile failed due to ACM, needs to be repicked		nd
SP4954-RP	--	24/02/2020	Compliant Stockpile	--	--
SP4957	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4958	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4959	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4960	ASET79874	19/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00173
SP4960-FP	ASET80178	28/02/2020	Footprint clearance/ validation post fail	--	nd
SP4961	ASET79874	19/02/2020	Stockpile failed due to ACM, needs to be repicked		0.00006
SP4961-RP	--	24/02/2020	Compliant Stockpile	--	--
SP4962	ASET79874	19/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00242
SP4962-FP	ASET80178	28/02/2020	Footprint clearance/ validation post fail	--	nd
SP4963	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4963-A	ASET79874	19/02/2020	Intra lab duplicate	--	nd
SP4964	ASET79874	19/02/2020	Compliant Stockpile	--	0.00070
SP4965	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4966	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4967	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4968	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4969	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4970	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4971	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4972	ASET79874	19/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4972-RP	--	28/02/2020	Compliant Stockpile	--	--
SP4973	ASET79874	19/02/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00037
SP4974	ASET79874	19/02/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00074
SP4974-RP	--	28/02/2020	Compliant Stockpile	--	--
SP4975	ASET79874	19/02/2020	Compliant Stockpile	--	0.00017
SP4976	ASET79874	19/02/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00023
SP4976-RP	--	28/02/2020	Compliant Stockpile	--	--
SP4977	ASET79874	19/02/2020	Compliant Stockpile	--	0.00021
SP4978	ASET79874	19/02/2020	Compliant Stockpile	--	0.00003
SP4979	ASET79874	19/02/2020	Compliant Stockpile	--	nd
SP4980	ASET79874	19/02/2020	Compliant Stockpile	--	0.00042
SP4981	ASET79874	19/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4981-A	ASET79874	19/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4981-RP	--	28/02/2020	Compliant Stockpile	--	--
SP4982	ASET79874	19/02/2020	Compliant Stockpile	--	0.00007
SP4983	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP4984	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP4985	ASET79921	20/02/2020	Compliant Stockpile	--	0.00008
SP4986	ASET79921	20/02/2020	Stockpile failed due to ACM, needs to be repicked	--	nd
SP4986-RP	--	28/02/2020	Compliant Stockpile	--	--
SP4987	ASET79921	20/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00139
SP4987-FP	ASET80178	28/02/2020	Footprint clearance/ validation post fail	--	nd
SP4988	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP4989	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP4990	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP4990-A	ASET79921	20/02/2020	Intra lab duplicate	--	nd
SP4990-B	SE203074	20/02/2020	Inter lab duplicate	--	nd
SP4991	ASET79921	20/02/2020	Compliant Stockpile	--	0.00006
SP4992	ASET79921	20/02/2020	Compliant Stockpile	--	0.00066
SP4993	ASET79921	20/02/2020	Compliant Stockpile	--	0.00044

SP4994	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP4995	ASET79921	20/02/2020	Compliant Stockpile	--	<0.00002
SP4996	ASET79921	20/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00106
SP4996-FP	ASET80178	28/02/2020	Footprint clearance/ validation post fail	--	nd
SP4997	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP4998	ASET79921	20/02/2020	Compliant Stockpile	--	0.00006
SP4999	ASET79921	20/02/2020	Compliant Stockpile	--	0.00014
SP5000	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP5000-A	ASET79921	20/02/2020	Intra lab duplicate	--	<0.00002
SP5000-B	SE203074	20/02/2020	Inter lab duplicate	--	nd
SP5001	ASET79921	20/02/2020	Compliant Stockpile	--	0.00015
SP5002	ASET79921	20/02/2020	Compliant Stockpile	--	0.00004
SP5003	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP5004	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP5005	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP5006	ASET79921	20/02/2020	Compliant Stockpile	--	0.00004
SP5007	ASET79921	20/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00167
SP5007-FP	ASET80178	28/02/2020	Footprint clearance/ validation post fail	--	nd
SP5008	ASET79921	20/02/2020	Compliant Stockpile	--	0.00018
SP5009	ASET79921	20/02/2020	Compliant Stockpile	--	0.00009
SP5010	ASET79921	20/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00252
SP5010-A	ASET79921	20/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00317
SP5010-B	SE203074	20/02/2020	SP fail due to AF/FA. To be removed for storage	--	#DIV/0!
SP5010-FP	ASET80178	28/02/2020	Footprint clearance/ validation post fail	--	nd
SP5011	ASET79921	20/02/2020	Compliant Stockpile	--	0.00013
SP5012	ASET79921	20/02/2020	Compliant Stockpile	--	0.00003
SP5012-A	ASET79921	20/02/2020	Intra lab duplicate	--	nd
SP5013	ASET79921	20/02/2020	Compliant Stockpile	--	<0.00001
SP5014	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP5015	ASET79921	20/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00247
SP5015-FP	ASET80178	28/02/2020	Footprint clearance/ validation post fail	--	nd
SP5016	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP5017	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP5018	ASET79921	20/02/2020	Compliant Stockpile	--	0.00058
SP5019	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP5020	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP5020-A	ASET79921	20/02/2020	Intra lab duplicate	--	nd
SP5020-B	SE203074	20/02/2020	Inter lab duplicate	--	nd
SP5021	ASET79921	20/02/2020	Compliant Stockpile	--	nd
SP5022	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5023	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5024	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5025	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5026	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5027	ASET79987	21/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00103
SP5027-FP	ASET80178	28/02/2020	AF/FA detected in footprint sample	--	0.01695
			FP Validated as part of Pad 2 validation		
SP5028	ASET79987	21/02/2020	Compliant Stockpile	--	<0.00001
SP5029	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5030	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5030-A	ASET79987	21/02/2020	Intra lab duplicate	--	nd
SP5031	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5032	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5033	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5034	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5035	ASET79987	21/02/2020	Compliant Stockpile	0.00000	nd

SP5036	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5037	ASET79987	21/02/2020	Compliant Stockpile	--	0.00023
SP5038	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5039	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5040	ASET79987	21/02/2020	Compliant Stockpile	0.00000	nd
SP5040-A	ASET79987	21/02/2020	Intra lab duplicate	--	0.00024
SP5041	ASET79987	21/02/2020	Stockpile failed due to ACM, needs to be repicked	--	0.00004
SP5041-RP	--	28/02/2020	Compliant Stockpile	--	--
SP5042	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5043	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5044	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5045	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5046	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5047	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5048	ASET79987	21/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00118
SP5048-FP	ASET80178	28/02/2020	Footprint clearance/ validation post fail	--	nd
SP5049	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5050	ASET79987	21/02/2020	Compliant Stockpile	--	0.00059
SP5050-A	ASET79987	21/02/2020	Intra lab duplicate	--	nd
SP5051	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5052	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5053	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5054	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5055	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5056	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5057	ASET79987	21/02/2020	Compliant Stockpile	--	0.00003
SP5058	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5059	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5060	ASET79987	21/02/2020	Compliant Stockpile	--	nd
SP5061	ASET79987	21/02/2020	Compliant Stockpile	--	<0.00001
SP5061-A	ASET79987	21/02/2020	Intra lab duplicate	--	0.00045
SP5062	ASET79987	21/02/2020	Compliant Stockpile	--	0.00010
SP5063	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5064	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5065	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5066	ASET80038	24/02/2020	Compliant Stockpile	--	0.00016
SP5067	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5068	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5069	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5070	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5071	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5072	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5072-A	ASET80038	24/02/2020	Intra lab duplicate	--	nd
SP5073	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5074	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5075	ASET80038	24/02/2020	Compliant Stockpile	--	0.00017
SP5076	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5077	ASET80038	24/02/2020	Compliant Stockpile	0.00000	nd
SP5078	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5079	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5080	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5081	ASET80038	24/02/2020	Compliant Stockpile	--	nd
SP5081-A	ASET80038	24/02/2020	Intra lab duplicate	--	nd
SP5082	ASET80101	25/02/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5082-RP	--	2/03/2020	Compliant Stockpile	--	--
SP5083	ASET80101	25/02/2020	Compliant Stockpile	--	nd

SP5084	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5085	ASET80101	25/02/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5085-RP	--	2/03/2020	Compliant Stockpile	--	--
SP5086	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5087	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5088	ASET80101	25/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00430
SP5088-FP	ASET80350	3/03/2020	Footprint clearance/ validation post fail	--	nd
SP5089	ASET80101	25/02/2020	Compliant Stockpile	--	0.00002
SP5090	ASET80101	25/02/2020	Compliant Stockpile	--	0.00030
SP5090-A	ASET80101	25/02/2020	Intra lab duplicate	--	nd
SP5091	ASET80101	25/02/2020	Compliant Stockpile	--	0.00010
SP5092	ASET80101	25/02/2020	Compliant Stockpile	--	0.00010
SP5093	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5094	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5095	ASET80101	25/02/2020	Compliant Stockpile	--	0.00010
SP5096	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5097	ASET80101	25/02/2020	Compliant Stockpile	--	0.00020
SP5098	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5099	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5100	ASET80101	25/02/2020	Compliant Stockpile	--	0.00015
SP5100-A	ASET80101	25/02/2020	Intra lab duplicate	--	0.00030
SP5101	ASET80101	25/02/2020	Compliant Stockpile	--	0.00050
SP5102	ASET80101	25/02/2020	Compliant Stockpile	--	0.00002
SP5103	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5104	ASET80101	25/02/2020	Compliant Stockpile	--	0.00030
SP5105	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5106	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5107	ASET80101	25/02/2020	Compliant Stockpile	--	nd
SP5108	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5109	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5110	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5111	ASET80130	26/02/2020	SP fail due to AF/FA. To be removed for storage	--	0.00113
SP5111-FP	ASET80764	13/03/2020	Footprint clearance/ validation post fail	--	nd
SP5112	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5113	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5114	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5115	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5116	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5117	ASET80130	26/02/2020	Compliant Stockpile	--	0.00097
SP5118	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5118-A	ASET80130	26/02/2020	Intra lab duplicate	--	0.00003
SP5119	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5120	ASET80130	26/02/2020	Compliant Stockpile	--	0.00073
SP5121	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5122	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5123	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5124	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5125	ASET80130	26/02/2020	Compliant Stockpile	--	0.00030
SP5126	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5127	ASET80130	26/02/2020	Compliant Stockpile	--	0.00005
SP5128	ASET80130	26/02/2020	Compliant Stockpile	--	0.00007
SP5128-A	ASET80130	26/02/2020	Intra lab duplicate	--	nd
SP5129	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5130	ASET80130	26/02/2020	Compliant Stockpile	--	nd
SP5131	ASET80181	27/02/2020	Compliant Stockpile	--	nd
SP5132	ASET80181	27/02/2020	Compliant Stockpile	--	nd

SP5133	ASET80181	27/02/2020	Compliant Stockpile	--	nd
SP5134	ASET80181	27/02/2020	Compliant Stockpile	--	nd
SP5135	ASET80181	27/02/2020	Compliant Stockpile	--	nd
SP5136	ASET80181	27/02/2020	Compliant Stockpile	--	nd
SP5137	ASET80181	27/02/2020	Compliant Stockpile	--	nd
SP5138	ASET80181	27/02/2020	Compliant Stockpile	--	0.00004
SP5139	ASET80181	27/02/2020	Compliant Stockpile	--	0.00029
SP5140	ASET80181	27/02/2020	Compliant Stockpile	--	nd
SP5140-A	ASET80181	27/02/2020	Intra lab duplicate	--	nd
SP5141	ASET80181	27/02/2020	Compliant Stockpile	--	nd
SP5142	ASET80181	27/02/2020	Compliant Stockpile	--	nd
SP5143	ASET80181	27/02/2020	Compliant Stockpile	--	nd
SP5144	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5145	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5146	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5147	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5148	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5149	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5150	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5150-A	ASET80263	2/03/2020	Intra lab duplicate	--	0.00007
SP5151	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5152	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5153	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5154	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5155	ASET80263	2/03/2020	Compliant Stockpile	--	0.00015
SP5156	ASET80263	2/03/2020	Compliant Stockpile	--	<0.00001
SP5157	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5158	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5159	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5160	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5160-A	ASET80263	2/03/2020	Intra lab duplicate	--	0.00099
SP5161	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5162	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5163	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5164	ASET80263	2/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00302
SP5164-FP	ASET80764	13/03/2020	Footprint clearance/ validation post fail	--	nd
SP5165	ASET80263	2/03/2020	Compliant Stockpile	--	0.00034
SP5166	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5167	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5168	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5169	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5170	ASET80263	2/03/2020	Compliant Stockpile	--	0.00077
SP5170-A	ASET80263	2/03/2020	Intra lab duplicate	--	nd
SP5171	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5172	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5173	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5174	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5175	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5176	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5177	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5178	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5179	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5180	ASET80263	2/03/2020	Compliant Stockpile	--	nd
SP5180-A	ASET80263	2/03/2020	Intra lab duplicate	--	nd
SP5181	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5182	ASET80351	3/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00447

SP5182-FP	ASET80612	11/03/2020	Footprint clearance/ validation post fail	--	nd
SP5183	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5184	ASET80351	3/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00128
SP5184-FP	ASET80612	11/03/2020	Footprint clearance/ validation post fail	--	nd
SP5185	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5186	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5187	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5188	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5189	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5190	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5190-A	ASET80351	3/03/2020	Intra lab duplicate	--	nd
SP5191	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5192	ASET80351	3/03/2020	Compliant Stockpile	--	0.00038
SP5193	ASET80351	3/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00546
SP5193-FP	ASET80764	13/03/2020	Footprint clearance/ validation post fail	--	nd
SP5194	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5195	ASET80351	3/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.01104
SP5195-FP	ASET80764	13/03/2020	AF/FA detected in footprint sample	--	0.00006
SP5195-FP	ASET80896	18/03/2020	Footprint clearance/ validation post fail	--	nd
SP5196	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5197	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5198	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5199	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5200	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5201	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5202	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5202-A	ASET80351	3/03/2020	Intra lab duplicate	--	nd
SP5203	ASET80351	3/03/2020	Compliant Stockpile	--	0.00060
SP5204	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5205	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5206	ASET80351	3/03/2020	Compliant Stockpile	--	nd
SP5207	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5208	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5209	ASET80567	9/03/2020	Compliant Stockpile	--	0.00002
SP5210	ASET80567	9/03/2020	Compliant Stockpile	--	0.00006
SP5211	ASET80567	9/03/2020	Compliant Stockpile	--	0.00072
SP5212	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5213	ASET80567	9/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00114
SP5213-FP	ASET80896	18/03/2020	Footprint clearance/ validation post fail	--	nd
SP5214	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5215	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5216	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5216-A	ASET80567	9/03/2020	Intra lab duplicate	--	nd
SP5217	ASET80567	9/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00197
SP5217-FP	ASET80896	18/03/2020	Footprint clearance/ validation post fail	--	nd
SP5218	ASET80567	9/03/2020	Compliant Stockpile	--	0.00099
SP5219	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5220	ASET80567	9/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00321
SP5220-FP	ASET80896	18/03/2020	Footprint clearance/ validation post fail	--	nd
SP5221	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5222	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5223	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5224	ASET80567	9/03/2020	Compliant Stockpile	--	0.00070
SP5225	ASET80567	9/03/2020	Compliant Stockpile	--	0.00029
SP5226	ASET80567	9/03/2020	Compliant Stockpile	--	nd
SP5227	ASET80567	9/03/2020	Compliant Stockpile	--	nd

SP5228	ASET80567	9/03/2020	Compliant Stockpile	--	0.00013
SP5229	ASET80613	10/03/2020	Compliant Stockpile	--	0.00003
SP5230	ASET80613	10/03/2020	Compliant Stockpile	--	0.00005
SP5231	ASET80613	10/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00117
SP5231-A	ASET80613	10/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00064
SP5231-B	SE203819	10/03/2020	SP fail due to AF/FA. To be removed for storage	--	nd
SP5231-FP	ASET80896	18/03/2020	Footprint clearance/ validation post fail	--	nd
SP5232	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5233	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5234	ASET80613	10/03/2020	Compliant Stockpile	--	0.00005
SP5235	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5236	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5237	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5238	ASET80613	10/03/2020	SP fail due to AF/FA. To be removed for storage	--	nd
SP5238-A	ASET80613	10/03/2020	SP fail due to AF/FA. To be removed for storage	--	nd
SP5238-B	SE203819	10/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00115
SP5238-FP	ASET80896	18/03/2020	Footprint clearance/ validation post fail	--	nd
SP5239	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5240	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5241	ASET80613	10/03/2020	Compliant Stockpile	--	0.00003
SP5242	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5243	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5244	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5245	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5245-A	ASET80613	10/03/2020	Intra lab duplicate	--	nd
SP5245-B	SE203819	10/03/2020	Inter lab duplicate	--	nd
SP5246	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5247	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5248	ASET80613	10/03/2020	Compliant Stockpile	--	0.00003
SP5249	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5250	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5251	ASET80613	10/03/2020	Compliant Stockpile	--	nd
SP5251-A	ASET80613	10/03/2020	Intra lab duplicate	--	nd
SP5251-B	SE203819	10/03/2020	Inter lab duplicate	--	nd
SP5252	ASET80614	11/03/2020	Compliant Stockpile	--	nd
SP5253	ASET80614	11/03/2020	Compliant Stockpile	--	nd
SP5254	ASET80614	11/03/2020	Compliant Stockpile	--	nd
SP5255	ASET80614	11/03/2020	Compliant Stockpile	--	nd
SP5256	ASET80614	11/03/2020	Compliant Stockpile	--	nd
SP5257	ASET80614	11/03/2020	Compliant Stockpile	--	nd
SP5258	ASET80614	11/03/2020	Compliant Stockpile	--	0.00094
SP5259	ASET80614	11/03/2020	Compliant Stockpile	--	nd
SP5260	ASET80614	11/03/2020	Compliant Stockpile	--	0.00002
SP5261	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5262	ASET80705	12/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00157
SP5262-FP	ASET80896	18/03/2020	Footprint clearance/ validation post fail	--	nd
SP5263	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5264	ASET80705	12/03/2020	Compliant Stockpile	--	0.00083
SP5265	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5266	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5267	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5268	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5269	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5270	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5271	ASET80705	12/03/2020	Compliant Stockpile	--	0.00002
SP5271-A	ASET80705	12/03/2020	Intra lab duplicate	--	0.00014
SP5272	ASET80705	12/03/2020	Compliant Stockpile	--	0.00024

SP5273	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5274	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5275	ASET80705	12/03/2020	Compliant Stockpile	--	0.00058
SP5276	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5277	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5278	ASET80705	12/03/2020	Compliant Stockpile	--	nd
SP5279	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5280	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5281	ASET80765	13/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00109
SP5281-FP	ASET81048	24/03/2020	Footprint clearance/ validation post fail	--	nd
SP5282	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5283	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5284	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5285	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5286	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5287	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5288	ASET80765	13/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00174
SP5288-FP	ASET80984	23/03/2020	Footprint clearance/ validation post fail	--	nd
SP5289	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5290	ASET80765	13/03/2020	Compliant Stockpile	--	0.00022
SP5290-A	ASET80765	13/03/2020	Intra lab duplicate	--	nd
SP5291	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5292	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5293	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5294	ASET80765	13/03/2020	Compliant Stockpile	--	nd
SP5295	ASET80765	13/03/2020	Compliant Stockpile	--	0.00011
SP5296	ASET80765	13/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00374
SP5296-FP	ASET80984	23/03/2020	Footprint clearance/ validation post fail	--	nd
SP5297	ASET80818	17/03/2020	Compliant Stockpile	--	nd
SP5298	ASET80818	17/03/2020	Compliant Stockpile	--	nd
SP5299	ASET80818	17/03/2020	Compliant Stockpile	--	0.00002
SP5300	ASET80818	17/03/2020	Compliant Stockpile	--	0.00028
SP5301	ASET80818	17/03/2020	Compliant Stockpile	--	0.00001
SP5302	ASET80818	17/03/2020	Compliant Stockpile	--	nd
SP5303	ASET80818	17/03/2020	Compliant Stockpile	--	0.00001
SP5304	ASET80818	17/03/2020	Compliant Stockpile	--	nd
SP5305	ASET80818	17/03/2020	Compliant Stockpile	--	nd
SP5306	ASET80818	17/03/2020	Compliant Stockpile	--	nd
SP5307	ASET80818	17/03/2020	Compliant Stockpile	--	nd
SP5308	ASET80818	17/03/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5308-RP	--	31/03/2020	Compliant Stockpile	--	--
SP5309	ASET80897	18/03/2020	Compliant Stockpile	--	nd
SP5310	ASET80897	18/03/2020	Compliant Stockpile	--	0.00002
SP5311	ASET80897	18/03/2020	Compliant Stockpile	--	0.00002
SP5312	ASET80897	18/03/2020	Compliant Stockpile	--	nd
SP5313	ASET80897	18/03/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5313-RP	--	31/03/2020	Compliant Stockpile	--	--
SP5314	ASET80897	18/03/2020	Compliant Stockpile	--	nd
SP5315	ASET80897	18/03/2020	Compliant Stockpile	--	0.00002
SP5316	ASET80897	18/03/2020	Compliant Stockpile	--	nd
SP5317	ASET80897	18/03/2020	Compliant Stockpile	--	nd
SP5318	ASET80897	18/03/2020	Compliant Stockpile	--	nd
SP5319	ASET80897	18/03/2020	Compliant Stockpile	--	nd
SP5320	ASET80897	18/03/2020	Compliant Stockpile	--	0.00011
SP5321	ASET80921	19/03/2020	Compliant Stockpile	--	0.00020
SP5322	ASET80921	19/03/2020	Compliant Stockpile	--	0.00011

SP5323	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5324	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5325	ASET80921	19/03/2020	Compliant Stockpile	--	0.00008
SP5326	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5327	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5328	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5329	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5330	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5330-A	ASET80921	19/03/2020	Intra lab duplicate	--	nd
SP5331	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5332	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5333	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5334	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5335	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5336	ASET80921	19/03/2020	Compliant Stockpile	--	0.00005
SP5337	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5338	ASET80921	19/03/2020	Compliant Stockpile	--	0.00004
SP5339	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5340	ASET80921	19/03/2020	Compliant Stockpile	--	0.00013
SP5341	ASET80921	19/03/2020	SP fail due to AF/FA. To be removed for storage		0.00280
SP5341-A	ASET80921	19/03/2020	SP fail due to AF/FA. To be removed for storage	--	nd
SP5341-FP	ASET81235	31/03/2020	Footprint clearance/ validation post fail	--	nd
SP5342	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5343	ASET80921	19/03/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5343-RP	--	31/03/2020	Compliant Stockpile	--	--
SP5344	ASET80921	19/03/2020	Compliant Stockpile	--	nd
SP5345	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5346	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5347	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5348	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5349	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5350	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5351	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5352	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5353	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5354	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5354-A	ASET80922	20/03/2020	Intra lab duplicate	--	nd
SP5355	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5356	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5357	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5358	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5359	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5360	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5361	ASET80922	20/03/2020	SP fail due to AF/FA. To be removed for storage		0.00109
SP5361-FP	ASET81235	31/03/2020	Footprint clearance/ validation post fail	--	nd
SP5362	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5363	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5364	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5365	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5366	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5367	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5368	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5368-A	ASET80922	20/03/2020	Intra lab duplicate	--	nd
SP5369	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5370	ASET80922	20/03/2020	Compliant Stockpile	--	nd
SP5371	ASET80922	20/03/2020	Compliant Stockpile	--	nd

SP5372	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5373	ASET80985	23/03/2020	Compliant Stockpile	--	0.00015
SP5374	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5375	ASET80985	23/03/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5375-RP	--	31/03/2020	Compliant Stockpile	--	--
SP5376	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5376-A	ASET80985	23/03/2020	Intra lab duplicate	--	nd
SP5376-B	SE204326	23/03/2020	Inter lab duplicate	--	nd
SP5377	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5378	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5379	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5380	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5381	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5382	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5383	ASET80985	23/03/2020	Compliant Stockpile	--	0.00003
SP5383-A	ASET80985	23/03/2020	Intra lab duplicate	--	0.00025
SP5383-B	SE204326	23/03/2020	Inter lab duplicate	--	nd
SP5384	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5385	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5386	ASET80985	23/03/2020	Compliant Stockpile	--	0.00005
SP5386-A	ASET80985	23/03/2020	Intra lab duplicate	--	0.00072
SP5386-B	SE204326	23/03/2020	Inter lab duplicate	--	nd
SP5387	ASET80985	23/03/2020	Compliant Stockpile	--	0.00014
SP5388	ASET80985	23/03/2020	Compliant Stockpile	--	0.00032
SP5389	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5390	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5390-A	ASET80985	23/03/2020	Intra lab duplicate	--	nd
SP5390-B	SE204326	23/03/2020	Inter lab duplicate	--	nd
SP5391	ASET80985	23/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00408
SP5391-FP	ASET82688	7/05/2020	Footprint clearance/ validation post fail	--	nd
SP5392	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5393	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5394	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5395	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5396	ASET80985	23/03/2020	Compliant Stockpile	--	0.00052
SP5396-A	ASET80985	23/03/2020	Intra lab duplicate	--	nd
SP5396-B	SE204326	23/03/2020	Inter lab duplicate	--	nd
SP5397	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5398	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5399	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5400	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5400-A	ASET80985	23/03/2020	Intra lab duplicate	--	nd
SP5400-B	SE204326	23/03/2020	Inter lab duplicate	--	nd
SP5401	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5402	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5403	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5404	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5405	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5406	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5407	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5408	ASET80985	23/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00158
SP5408-A	ASET80985	23/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00280
SP5408-B	SE204326	23/03/2020	Inter lab duplicate	--	#DIV/0!
SP5408-FP	ASET81854	21/04/2020	Footprint clearance/ validation post fail	--	nd
SP5409	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5410	ASET80985	23/03/2020	Compliant Stockpile	--	nd

SP5411	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5412	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5413	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5414	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5415	ASET80985	23/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00315
SP5415-FP	ASET82260	29/04/2020	Footprint clearance/ validation post fail	--	nd
SP5416	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5416-A	ASET80985	23/03/2020	Intra lab duplicate	--	0.00064
SP5416-B	SE204326	23/03/2020	Inter lab duplicate	--	nd
SP5417	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5418	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5419	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5420	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5421	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5422	ASET80985	23/03/2020	Compliant Stockpile	--	nd
SP5423	ASET80985	23/03/2020	Compliant Stockpile	--	0.00002
SP5424	ASET80985	23/03/2020	Compliant Stockpile	--	0.00055
SP5425	ASET81045	24/03/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5425-RP	--	31/03/2020	Compliant Stockpile	--	--
SP5426	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5427	ASET81045	24/03/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5427-RP	--	31/03/2020	Compliant Stockpile	--	--
SP5428	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5429	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5430	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5431	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5432	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5433	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5434	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5435	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5436	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5437	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5438	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5439	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5440	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5440-A	ASET81045	24/03/2020	Intra lab duplicate	--	0.00004
SP5441	ASET81045	24/03/2020	Compliant Stockpile	--	0.00005
SP5442	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5443	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5444	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5445	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5446	ASET81045	24/03/2020	Compliant Stockpile	--	nd
SP5447	ASET81084	25/03/2020	Compliant Stockpile	--	0.00045
SP5448	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5449	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5450	ASET81084	25/03/2020	Compliant Stockpile	--	0.00002
SP5450-A	ASET81084	25/03/2020	Intra lab duplicate	--	nd
SP5451	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5452	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5453	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5454	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5455	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5456	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5457	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5458	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5459	ASET81084	25/03/2020	Compliant Stockpile	--	nd

SP5460	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5461	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5462	ASET81084	25/03/2020	Compliant Stockpile	--	0.00002
SP5463	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5463-A	ASET81084	25/03/2020	Intra lab duplicate	--	nd
SP5464	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5465	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5466	ASET81084	25/03/2020	Compliant Stockpile	--	0.00003
SP5467	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5468	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5469	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5470	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5471	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5472	ASET81084	25/03/2020	Compliant Stockpile	--	nd
SP5473	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5474	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5475	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5476	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5477	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5478	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5479	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5480	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5481	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5482	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5483	ASET81236	31/03/2020	Compliant Stockpile	--	0.00046
SP5484	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5485	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5485-A	ASET81236	31/03/2020	Intra lab duplicate	--	nd
SP5486	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5487	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5488	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5489	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5490	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5491	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5492	ASET81236	31/03/2020	Compliant Stockpile	--	0.00084
SP5493	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5494	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5495	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5496	ASET81236	31/03/2020	SP fail due to AF/FA. To be removed for storage	--	0.00364
SP5496-A	ASET81236	31/03/2020	SP fail due to AF/FA. To be removed for storage	--	nd
SP5496-FP	ASET81479	8/04/2020	Footprint clearance/ validation post fail	--	nd
SP5497	ASET81236	31/03/2020	Compliant Stockpile	--	nd
SP5498	ASET81271	1/04/2020	Compliant Stockpile	--	nd
SP5499	ASET81271	1/04/2020	Compliant Stockpile	--	nd
SP5500	ASET81271	1/04/2020	Compliant Stockpile	--	nd
SP5501	ASET81271	1/04/2020	Compliant Stockpile	--	0.00002
SP5502	ASET81271	1/04/2020	Compliant Stockpile	--	0.00057
SP5503	ASET81271	1/04/2020	Compliant Stockpile	--	0.00010
SP5504	ASET81271	1/04/2020	Compliant Stockpile	--	nd
SP5505	ASET81271	1/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00722
SP5505-FP	ASET81479	8/04/2020	Footprint clearance/ validation post fail	--	nd
SP5506	ASET81271	1/04/2020	Compliant Stockpile	--	0.00017
SP5507	ASET81271	1/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00111
SP5507-FP	ASET81479	8/04/2020	Footprint clearance/ validation post fail	--	nd
SP5508	ASET81271	1/04/2020	Compliant Stockpile	--	nd
SP5508-A	ASET81271	1/04/2020	Intra lab duplicate	--	0.00098

SP5509	ASET81271	1/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00143
SP5509-FP	ASET81479	8/04/2020	Footprint clearance/ validation post fail	--	nd
SP5510	ASET81271	1/04/2020	Compliant Stockpile	--	0.00012
SP5511	ASET81271	1/04/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5511-RP	--	17/04/2020	Compliant Stockpile	--	--
SP5512	ASET81271	1/04/2020	Compliant Stockpile	--	0.00008
SP5513	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5514	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5515	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5516	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5517	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5518	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5519	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5520	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5521	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5522	ASET81351	2/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00145
SP5522-A	ASET81351	2/04/2020	Intra lab duplicate	--	nd
SP5522-FP	ASET81766	17/04/2020	Intra lab duplicate	--	nd
SP5523	ASET81351	2/04/2020	Intra lab duplicate	--	0.00011
SP5524	ASET81351	2/04/2020	Intra lab duplicate	--	0.00008
SP5525	ASET81351	2/04/2020	Intra lab duplicate	--	nd
SP5526	ASET81351	2/04/2020	Intra lab duplicate	--	0.00019
SP5527	ASET81351	2/04/2020	Intra lab duplicate	--	nd
SP5528	ASET81351	2/04/2020	Intra lab duplicate	--	0.00006
SP5529	ASET81351	2/04/2020	Intra lab duplicate	--	nd
SP5530	ASET81351	2/04/2020	Intra lab duplicate	--	nd
SP5531	ASET81351	2/04/2020	Intra lab duplicate	--	nd
SP5532	ASET81351	2/04/2020	Intra lab duplicate	--	nd
SP5533	ASET81351	2/04/2020	Intra lab duplicate	--	nd
SP5534	ASET81351	2/04/2020	Intra lab duplicate	--	0.00150
SP5534-A	ASET81351	2/04/2020	Intra lab duplicate	--	nd
SP5534-FP	ASET81766	17/04/2020	Footprint clearance/ validation post fail	--	nd
SP5535	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5536	ASET81351	2/04/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5536-RP	--	17/04/2020	Compliant Stockpile	--	--
SP5537	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5538	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5539	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5540	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5541	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5542	ASET81351	2/04/2020	Compliant Stockpile	--	nd
SP5543	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5544	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5545	ASET81419	6/04/2020	Compliant Stockpile	--	0.00005
SP5546	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5547	ASET81419	6/04/2020	Compliant Stockpile	--	0.00037
SP5548	ASET81419	6/04/2020	Compliant Stockpile	--	0.00011
SP5548-A	ASET81419	6/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00307
SP5548-B	SE204769	6/04/2020	Inter lab duplicate	--	--
SP5548-FP	ASET81766	17/04/2020	Footprint clearance/ validation post fail	--	nd
SP5549	ASET81419	6/04/2020	Stockpile failed due to ACM, needs to be repicked	VF	0.00057
SP5549-RP	--	17/04/2020	Compliant Stockpile	--	--
SP5550	ASET81419	6/04/2020	Compliant Stockpile	--	0.00012
SP5551	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5551-A	ASET81419	6/04/2020	Intra lab duplicate	--	0.00030
SP5551-B	SE204769	6/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.01023

SP5551-FP	ASET82260	29/04/2020	Footprint clearance/ validation post fail	--	nd
SP5552	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5553	ASET81419	6/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00173
SP5553-FP	ASET81766	17/04/2020	Footprint clearance/ validation post fail	--	nd
SP5554	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5554-A	ASET81419	6/04/2020	Intra lab duplicate	--	0.00026
SP5554-B	SE204769	6/04/2020	Inter lab duplicate	--	
SP5555	ASET81419	6/04/2020	Compliant Stockpile	--	0.00033
SP5556	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5557	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5558	ASET81419	6/04/2020	Compliant Stockpile	--	0.00007
SP5559	ASET81419	6/04/2020	Compliant Stockpile	--	0.00032
SP5560	ASET81419	6/04/2020	Compliant Stockpile	--	0.00023
SP5561	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5562	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5563	ASET81419	6/04/2020	Compliant Stockpile	--	0.00027
SP5564	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5565	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5566	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5567	ASET81419	6/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00114
SP5567-FP	ASET81766	17/04/2020	AF/FA detected in footprint sample	--	0.004
SP5567-FP	ASET82260	29/04/2020	AF/FA detected in footprint sample	--	nd
SP5567-FP	ASET83265	20/05/2020	Footprint clearance/ validation post fail	--	nd
SP5568	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5569	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5570	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5571	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5572	ASET81419	6/04/2020	Compliant Stockpile	--	0.00027
SP5573	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5574	ASET81419	6/04/2020	Compliant Stockpile	--	0.00045
SP5575	ASET81419	6/04/2020	Compliant Stockpile	--	0.00028
SP5575-A	ASET81419	6/04/2020	Intra lab duplicate	--	nd
SP5575-B	SE204769	6/04/2020	Inter lab duplicate	--	
SP5576	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5577	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5578	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5579	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5580	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5581	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5582	ASET81419	6/04/2020	Compliant Stockpile	--	0.00007
SP5583	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5584	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5585	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5586	ASET81419	6/04/2020	Compliant Stockpile	--	0.00000
SP5587	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5588	ASET81419	6/04/2020	Compliant Stockpile	--	nd
SP5589	ASET81420	6/04/2020	Compliant Stockpile	--	0.00054
SP5590	ASET81421	6/04/2020	Compliant Stockpile	--	nd
SP5590-A	ASET81421	6/04/2020	Intra lab duplicate	--	0.00033
SP5590-B	SE204769	6/04/2020	Inter lab duplicate	--	nd
SP5591	ASET81422	6/04/2020	Compliant Stockpile	--	nd
SP5592	ASET81423	6/04/2020	Compliant Stockpile	--	nd
SP5593	ASET81424	6/04/2020	Compliant Stockpile	--	0.00002
SP5594	ASET81425	6/04/2020	Compliant Stockpile	--	0.00024
SP5595	ASET81426	6/04/2020	Compliant Stockpile	--	nd
SP5596	ASET81427	6/04/2020	Compliant Stockpile	--	nd

SP5597	ASET81428	6/04/2020	Compliant Stockpile	--	nd
SP5598	ASET81429	6/04/2020	Compliant Stockpile	--	0.00007
SP5599	ASET81473	7/04/2020	Compliant Stockpile	--	0.00005
SP5600	ASET81473	7/04/2020	Compliant Stockpile	--	nd
SP5601	ASET81473	7/04/2020	Compliant Stockpile	--	0.00039
SP5602	ASET81473	7/04/2020	Compliant Stockpile	--	nd
SP5603	ASET81473	7/04/2020	Compliant Stockpile	--	nd
SP5604	ASET81473	7/04/2020	Compliant Stockpile	--	0.00004
SP5605	ASET81473	7/04/2020	Compliant Stockpile	--	nd
SP5606	ASET81473	7/04/2020	Compliant Stockpile	--	0.00007
SP5607	ASET81473	7/04/2020	Compliant Stockpile	--	0.00090
SP5608	ASET81473	7/04/2020	Compliant Stockpile	--	nd
SP5609	ASET81473	7/04/2020	Compliant Stockpile	--	nd
SP5610	ASET81473	7/04/2020	Compliant Stockpile	--	0.00050
SP5611	ASET81473	7/04/2020	Compliant Stockpile	--	nd
SP5612	ASET81473	7/04/2020	Compliant Stockpile	--	0.00013
SP5613	ASET81473	7/04/2020	Compliant Stockpile	--	nd
SP5614	ASET81473	7/04/2020	Compliant Stockpile	--	0.00002
SP5615	ASET81473	7/04/2020	Compliant Stockpile	--	nd
SP5615-A	ASET81473	7/04/2020	Intra lab duplicate	--	0.00007
SP5616	ASET81473	7/04/2020	Compliant Stockpile	--	nd
SP5617	ASET81518	8/04/2020	Compliant Stockpile	--	nd
SP5618	ASET81518	8/04/2020	Compliant Stockpile	--	nd
SP5619	ASET81518	8/04/2020	Compliant Stockpile	--	0.00001
SP5620	ASET81518	8/04/2020	Compliant Stockpile	--	0.00004
SP5621	ASET81518	8/04/2020	Compliant Stockpile	--	0.00003
SP5622	ASET81518	8/04/2020	Compliant Stockpile	--	nd
SP5623	ASET81518	8/04/2020	Compliant Stockpile	--	nd
SP5624	ASET81518	8/04/2020	Compliant Stockpile	--	0.00006
SP5625	ASET81518	8/04/2020	Compliant Stockpile	--	nd
SP5626	ASET81518	8/04/2020	Compliant Stockpile	--	nd
SP5627	ASET81518	8/04/2020	Compliant Stockpile	--	0.00005
SP5627-A	ASET81518	8/04/2020	Intra lab duplicate	--	nd
SP5628	ASET81518	8/04/2020	Compliant Stockpile	--	0.00013
SP5629	ASET81518	8/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00296
SP5629-FP	ASET81854	21/04/2020	Footprint clearance/ validation post fail	--	nd
SP5630	ASET81518	8/04/2020	Compliant Stockpile	--	nd
SP5631	ASET81518	8/04/2020	Compliant Stockpile	--	nd
SP5632	ASET81518	8/04/2020	Compliant Stockpile	--	nd
SP5633	ASET81518	8/04/2020	Compliant Stockpile	--	nd
SP5634	ASET81518	8/04/2020	Compliant Stockpile	--	0.00095
SP5635	ASET81518	8/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00210
SP5635-FP	ASET81854	21/04/2020	Footprint clearance/ validation post fail	--	nd
SP5636	ASET81585	14/04/2020	Compliant Stockpile	--	nd
SP5637	ASET81585	14/04/2020	Compliant Stockpile	--	nd
SP5638	ASET81585	14/04/2020	Compliant Stockpile	--	nd
SP5639	ASET81585	14/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00380
SP5639-FP	ASET81854	21/04/2020	Footprint clearance/ validation post fail	--	nd
SP5640	ASET81585	14/04/2020	Compliant Stockpile	--	nd
SP5641	ASET81585	14/04/2020	Compliant Stockpile	--	nd
SP5642	ASET81585	14/04/2020	Compliant Stockpile	--	nd
SP5643	ASET81585	14/04/2020	Compliant Stockpile	--	0.00002
SP5644	ASET81585	14/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00284
SP5644-FP	ASET81854	21/04/2020	Footprint clearance/ validation post fail	--	nd
SP5645	ASET81605	15/04/2020	Compliant Stockpile	--	0.00005
SP5646	ASET81605	15/04/2020	Compliant Stockpile	--	0.00024

SP5647	ASET81605	15/04/2020	Compliant Stockpile	--	0.00003
SP5648	ASET81605	15/04/2020	Compliant Stockpile	--	0.00003
SP5649	ASET81605	15/04/2020	Compliant Stockpile	--	nd
SP5650	ASET81605	15/04/2020	Compliant Stockpile	--	0.00083
SP5650-A	ASET81605	15/04/2020	Intra lab duplicate	--	0.00003
SP5651	ASET81605	15/04/2020	Compliant Stockpile	--	nd
SP5652	ASET81605	15/04/2020	Compliant Stockpile	--	0.00003
SP5653	ASET81605	15/04/2020	Compliant Stockpile	--	nd
SP5654	ASET81605	15/04/2020	Compliant Stockpile	--	nd
SP5655	ASET81605	15/04/2020	Compliant Stockpile	--	0.00016
SP5656	ASET81605	15/04/2020	Compliant Stockpile	--	nd
SP5657	ASET81605	15/04/2020	Compliant Stockpile	--	0.00043
SP5658	ASET81605	15/04/2020	Compliant Stockpile	--	nd
SP5659	ASET81720	16/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00114
SP5659-FP	ASET82260	29/04/2020	Footprint clearance/ validation post fail	--	nd
SP5660	ASET81720	16/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00106
SP5660-FP	ASET82260	29/04/2020	Footprint clearance/ validation post fail	--	nd
SP5661	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5662	ASET81720	16/04/2020	Compliant Stockpile	--	0.00007
SP5663	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5664	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5665	ASET81720	16/04/2020	Compliant Stockpile	--	0.00005
SP5666	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5667	ASET81720	16/04/2020	Compliant Stockpile	--	0.00024
SP5668	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5669	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5670	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5671	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5672	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5673	ASET81720	16/04/2020	Compliant Stockpile	--	0.00010
SP5674	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5675	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5676	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5677	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5678	ASET81720	16/04/2020	Compliant Stockpile	--	0.00009
SP5678-A	ASET81720	16/04/2020	Intra lab duplicate	--	0.00003
SP5679	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5680	ASET81720	16/04/2020	Compliant Stockpile	--	0.00030
SP5681	ASET81720	16/04/2020	Compliant Stockpile	--	0.00007
SP5682	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5683	ASET81720	16/04/2020	Compliant Stockpile	--	nd
SP5684	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5685	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5686	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5687	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5688	ASET81768	17/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00141
SP5688-FP	ASET82260	29/04/2020	AF/FA detected in footprint sample	--	nd
SP5688-FP	ASET84390	11/06/2020	Footprint clearance/ validation post fail	--	nd
SP5689	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5689-A	ASET81768	17/04/2020	Intra lab duplicate	--	nd
SP5690	ASET81768	17/04/2020	Compliant Stockpile	--	0.00047
SP5691	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5692	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5693	ASET81768	17/04/2020	Compliant Stockpile	--	0.00007
SP5694	ASET81768	17/04/2020	Compliant Stockpile	--	0.00088
SP5695	ASET81768	17/04/2020	Compliant Stockpile	--	0.00020

SP5696	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5697	ASET81768	17/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00130
SP5697-FP	ASET82260	29/04/2020	Footprint clearance/ validation post fail	--	nd
SP5698	ASET81768	17/04/2020	Compliant Stockpile	--	0.00015
SP5699	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5700	ASET81768	17/04/2020	Compliant Stockpile	--	0.00099
SP5701	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5702	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5703	ASET81768	17/04/2020	Compliant Stockpile	--	nd
SP5704	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5705	ASET81838	20/04/2020	Compliant Stockpile	--	0.00006
SP5706	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5707	ASET81838	20/04/2020	Compliant Stockpile	--	0.00007
SP5708	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5709	ASET81838	20/04/2020	Compliant Stockpile	--	0.00014
SP5710	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5711	ASET81838	20/04/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5711-RP	--	29/04/2020	Compliant Stockpile	--	--
SP5712	ASET81838	20/04/2020	Compliant Stockpile	--	0.00005
SP5713	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5714	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5715	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5716	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5717	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5718	ASET81838	20/04/2020	Compliant Stockpile	--	0.00005
SP5718-A	ASET81838	20/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00403
SP5718-FP	ASET82260	29/04/2020	Footprint clearance/ validation post fail	--	nd
SP5719	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5720	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5721	ASET81838	20/04/2020	Compliant Stockpile	--	0.00025
SP5722	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5723	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5724	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5725	ASET81838	20/04/2020	Compliant Stockpile	--	0.00004
SP5725	ASET81838	20/04/2020	Compliant Stockpile	--	0.00003
SP5726	ASET81838	20/04/2020	Compliant Stockpile	--	0.00022
SP5727	ASET81838	20/04/2020	Compliant Stockpile	--	nd
SP5728	ASET81855	21/04/2020	Compliant Stockpile	--	0.00003
SP5729	ASET81855	21/04/2020	Compliant Stockpile	--	0.00002
SP5730	ASET81855	21/04/2020	Compliant Stockpile	--	nd
SP5731	ASET81855	21/04/2020	Compliant Stockpile	--	nd
SP5732	ASET81855	21/04/2020	Compliant Stockpile	--	nd
SP5733	ASET81855	21/04/2020	Compliant Stockpile	--	0.00076
SP5734	ASET81855	21/04/2020	Compliant Stockpile	--	nd
SP5735	ASET81855	21/04/2020	Compliant Stockpile	--	nd
SP5736	ASET81855	21/04/2020	Compliant Stockpile	--	0.00014
SP5737	ASET81855	21/04/2020	Compliant Stockpile	--	nd
SP5738	ASET81993	22/04/2020	Compliant Stockpile	--	nd
SP5739	ASET81993	22/04/2020	Compliant Stockpile	--	nd
SP5740	ASET81993	22/04/2020	Compliant Stockpile	--	nd
SP5740-A	ASET81993	22/04/2020	Intra lab duplicate	--	nd
SP5741	ASET81993	22/04/2020	Compliant Stockpile	--	nd
SP5742	ASET81993	22/04/2020	Compliant Stockpile	--	nd
SP5743	ASET81993	22/04/2020	Compliant Stockpile	--	nd
SP5744	ASET81993	22/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00201
SP5744-FP	ASET82493	4/05/2020	AF/FA detected in footprint sample	--	0.00026

SP5744-FP	ASET82688	7/05/2020	Footprint clearance/ validation post fail	--	nd
SP5745	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5746	ASET82039	23/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00454
SP5746-FP	ASET82493	4/05/2020	AF/FA detected in footprint sample	--	<0.00003
SP5746-FP	ASET82688	7/05/2020	Footprint clearance/ validation post fail	--	nd
SP5747	ASET82039	23/04/2020	Compliant Stockpile	--	0.00024
SP5748	ASET82039	23/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00301
SP5748-FP	ASET82493	4/05/2020	AF/FA detected in footprint sample	--	0.00030
SP5748-FP	ASET82688	7/05/2020	Footprint clearance/ validation post fail	--	nd
SP5749	ASET82039	23/04/2020	Stockpile failed due to ACM, needs to be repicked	VF	0.00033
SP5749-RP	--	29/04/2020	Compliant Stockpile	--	--
SP5750	ASET82039	23/04/2020	Compliant Stockpile	--	0.00003
SP5751	ASET82039	23/04/2020	Compliant Stockpile	--	0.00054
SP5752	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5753	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5754	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5755	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5755-A	ASET82039	23/04/2020	Intra lab duplicate	--	nd
SP5756	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5757	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5758	ASET82039	23/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00252
SP5758-FP	ASET82493	4/05/2020	AF/FA detected in footprint sample	--	<0.00001
SP5758-FP	ASET82688	7/05/2020	Footprint clearance/ validation post fail	--	nd
SP5759	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5760	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5761	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5762	ASET82039	23/04/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP5749-RP	--	29/04/2020	Compliant Stockpile	--	--
SP5763	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5764	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5765	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5766	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5767	ASET82039	23/04/2020	Compliant Stockpile	--	nd
SP5768	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5769	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5770	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5771	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5772	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5773	ASET82104	24/04/2020	Compliant Stockpile	--	0.00011
SP5774	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5775	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5776	ASET82104	24/04/2020	Compliant Stockpile	--	0.00006
SP5777	ASET82104	24/04/2020	Compliant Stockpile	--	0.00051
SP5778	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5778-A	ASET82104	24/04/2020	Intra lab duplicate	--	nd
SP5779	ASET82104	24/04/2020	Compliant Stockpile	--	0.00031
SP5780	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5781	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5782	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5783	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5784	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5785	ASET82104	24/04/2020	Compliant Stockpile	--	0.00094
SP5786	ASET82104	24/04/2020	Compliant Stockpile	--	0.00033
SP5787	ASET82104	24/04/2020	Compliant Stockpile	--	nd
SP5787-A	ASET82104	24/04/2020	Intra lab duplicate	--	nd
SP5788	ASET82153	27/04/2020	Compliant Stockpile	--	nd

SP5789	ASET82153	27/04/2020	Compliant Stockpile	--	0.00030
SP5790	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5791	ASET82153	27/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00157
SP5791-FP	ASET82688	7/05/2020	AF/FA detected in footprint sample	--	<0.00001
			FP Validated as part of Pad 3 validation		
SP5792	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5793	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5794	ASET82153	27/04/2020	Compliant Stockpile	--	0.00067
SP5795	ASET82153	27/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00289
SP5795-FP	ASET82688	7/05/2020	Footprint clearance/ validation post fail	--	nd
SP5796	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5797	ASET82153	27/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00157
SP5797-FP	ASET82688	7/05/2020	Footprint clearance/ validation post fail	--	nd
SP5798	ASET82153	27/04/2020	Compliant Stockpile	--	0.00077
SP5799	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5799-A	ASET82153	27/04/2020	Intra lab duplicate	--	0.00018
SP5800	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5801	ASET82153	27/04/2020	Compliant Stockpile	--	0.00002
SP5802	ASET82153	27/04/2020	Compliant Stockpile	--	0.00015
SP5803	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5804	ASET82153	27/04/2020	Compliant Stockpile	--	0.00012
SP5805	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5806	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5807	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5808	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5809	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5810	ASET82153	27/04/2020	Compliant Stockpile	--	nd
SP5811	ASET82203	28/04/2020	Compliant Stockpile	--	nd
SP5812	ASET82203	28/04/2020	Compliant Stockpile	--	nd
SP5813	ASET82203	28/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00329
SP5813-FP	ASET82688	7/05/2020	AF/FA detected in footprint sample	--	<0.00001
SP5813-FP	ASET83265	20/05/2020	Footprint clearance/ validation post fail	--	nd
SP5814	ASET82259	29/04/2020	Stockpile failed due to ACM, needs to be repicked	VF	0.00009
SP5814-RP	--	11/05/2020	Compliant Stockpile	--	--
SP5815	ASET82259	29/04/2020	Compliant Stockpile	--	nd
SP5816	ASET82259	29/04/2020	Compliant Stockpile	--	nd
SP5817	ASET82259	29/04/2020	Compliant Stockpile	--	0.00019
SP5817-A	ASET82259	29/04/2020	Intra lab duplicate	--	nd
SP5817-B	SE205695	29/04/2020	Inter lab duplicate	--	0.00005
SP5818	ASET82259	29/04/2020	Compliant Stockpile	--	nd
SP5819	ASET82259	29/04/2020	Compliant Stockpile	--	nd
SP5820	ASET82259	29/04/2020	Compliant Stockpile	--	nd
SP5821	ASET82259	29/04/2020	Compliant Stockpile	--	0.00006
SP5821-A	ASET82259	29/04/2020	Intra lab duplicate	--	0.00007
SP5821-B	SE205695	29/04/2020	Inter lab duplicate	--	0.00009
SP5822	ASET82259	29/04/2020	Compliant Stockpile	--	nd
SP5823	ASET82259	29/04/2020	Compliant Stockpile	--	nd
SP5824	ASET82259	29/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00267
SP5824-FP	ASET82688	7/05/2020	Footprint clearance/ validation post fail	--	nd
SP5825	ASET82259	29/04/2020	Compliant Stockpile	--	nd
SP5826	ASET82259	29/04/2020	Compliant Stockpile	--	nd
SP5827	ASET82259	29/04/2020	SP fail due to AF/FA. To be removed for storage	--	0.00150
SP5827-A	ASET82259	29/04/2020	Intra lab duplicate	--	nd
SP5827-B	SE205695	29/04/2020	Intra lab duplicate	--	0.01230
SP5827-FP	ASET82688	7/05/2020	Intra lab duplicate	--	nd
SP5828	ASET82259	29/04/2020	Intra lab duplicate	--	0.00374

			FP Validated as part of Pad 3 validation		
SP5829	ASET82259	29/04/2020	Intra lab duplicate	--	nd
SP5830	ASET82259	29/04/2020	Intra lab duplicate	--	0.00020
SP5831	ASET82259	29/04/2020	Intra lab duplicate	--	nd
SP5832	ASET82259	29/04/2020	Intra lab duplicate	--	nd
SP5832-A	ASET82259	29/04/2020	Intra lab duplicate	--	nd
SP5832-B	SE205695	29/04/2020	Intra lab duplicate	--	nd
SP5833	ASET82259	29/04/2020	Intra lab duplicate	--	nd
SP5834	ASET82259	29/04/2020	Intra lab duplicate	--	nd
SP5835	ASET82259	29/04/2020	Intra lab duplicate	--	nd
SP5836	ASET82259	29/04/2020	Intra lab duplicate	--	nd
SP5837	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5838	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5839	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5840	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5841	ASET82494	4/05/2020	Intra lab duplicate	--	0.00036
SP5842	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5843	ASET82494	4/05/2020	Intra lab duplicate	--	0.00039
SP5844	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5845	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5846	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5847	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5848	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5848-A	ASET82494	4/05/2020	Intra lab duplicate	--	0.00019
SP5849	ASET82494	4/05/2020	Intra lab duplicate	--	0.00058
SP5850	ASET82494	4/05/2020	Intra lab duplicate	0.00000003	nd
SP5851	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5852	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5853	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5854	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5855	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5856	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5857	ASET82494	4/05/2020	Intra lab duplicate	--	nd
SP5858	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5858-A	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5859	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5860	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5861	ASET82557	5/05/2020	Intra lab duplicate	VF	0.00018
SP5861-RP	--	11/05/2020	Intra lab duplicate	--	--
SP5862	ASET82557	5/05/2020	Intra lab duplicate	VF	0.00113
SP5862-FP	ASET84390	11/06/2020	Intra lab duplicate	--	nd
SP5863	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5864	ASET82557	5/05/2020	Intra lab duplicate	VF	nd
SP5864-RP	--	11/05/2020	Intra lab duplicate	--	--
SP5865	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5866	ASET82557	5/05/2020	Intra lab duplicate	--	0.00011
SP5867	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5868	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5869	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5870	ASET82557	5/05/2020	Intra lab duplicate	--	0.00006
SP5871	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5872	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5873	ASET82557	5/05/2020	Intra lab duplicate	--	nd
SP5874	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5875	ASET82566	6/05/2020	Intra lab duplicate	--	0.00008
SP5876	ASET82566	6/05/2020	Intra lab duplicate	--	0.00032

SP5877	ASET82566	6/05/2020	Intra lab duplicate	--	0.00004
SP5878	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5879	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5880	ASET82566	6/05/2020	Intra lab duplicate	--	0.00036
SP5880-A	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5881	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5882	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5883	ASET82566	6/05/2020	Intra lab duplicate	--	0.00396
SP5883-FP	ASET84220	9/06/2020	Intra lab duplicate		nd
SP5884	ASET82566	6/05/2020	Intra lab duplicate	--	0.00003
SP5885	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5886	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5887	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5888	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5889	ASET82566	6/05/2020	Intra lab duplicate	--	nd
SP5890	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5891	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5892	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5893	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5894	ASET82689	7/05/2020	Intra lab duplicate	--	0.00010
SP5895	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5896	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5897	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5898	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5899	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5900	ASET82689	7/05/2020	Intra lab duplicate	--	0.00381
SP5900-A	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5900-FP	ASET83265	20/05/2020	Intra lab duplicate	--	nd
SP5901	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5902	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5903	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5904	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5905	ASET82689	7/05/2020	Intra lab duplicate	--	nd
SP5906	ASET82745	8/05/2020	Intra lab duplicate	--	0.00006
SP5907	ASET82745	8/05/2020	Intra lab duplicate	--	0.00028
SP5908	ASET82745	8/05/2020	Intra lab duplicate	--	0.00008
SP5909	ASET82745	8/05/2020	Intra lab duplicate	--	nd
SP5910	ASET82745	8/05/2020	Intra lab duplicate	--	nd
SP5911	ASET82745	8/05/2020	Intra lab duplicate	--	0.00257
SP5911-FP	ASET83265	20/05/2020	Intra lab duplicate	--	nd
SP5912	ASET82745	8/05/2020	Intra lab duplicate	--	nd
SP5913	ASET82745	8/05/2020	Intra lab duplicate	--	nd
SP5914	ASET82745	8/05/2020	Intra lab duplicate	--	nd
SP5915	ASET82745	8/05/2020	Intra lab duplicate	--	nd
SP5916	ASET82745	8/05/2020	Intra lab duplicate	--	nd
SP5916-A	ASET82745	8/05/2020	Intra lab duplicate	--	nd
SP5917	ASET82745	8/05/2020	Compliant Stockpile	--	0.00054
SP5918	ASET82745	8/05/2020	Compliant Stockpile	--	nd
SP5919	ASET82745	8/05/2020	Compliant Stockpile	--	nd
SP5920	ASET82745	8/05/2020	Compliant Stockpile	--	0.00062
SP5921	ASET82745	8/05/2020	Compliant Stockpile	--	nd
SP5922	ASET82745	8/05/2020	SP fail due to AF/FA. To be removed for storage	--	0.00112
SP5922-FP	ASET83265	20/05/2020	Footprint clearance/ validation post fail	--	nd
SP5923	ASET82745	8/05/2020	Compliant Stockpile	--	0.00044
SP5924	ASET82745	8/05/2020	Compliant Stockpile	--	nd
SP5925	ASET82745	8/05/2020	Compliant Stockpile	--	nd

SP5926	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5927	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5928	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5929	ASET82823	11/05/2020	Compliant Stockpile	--	0.00006
SP5930	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5931	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5932	ASET82823	11/05/2020	Compliant Stockpile	--	0.00003
SP5933	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5934	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5935	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5935-A	ASET82823	11/05/2020	SP fail due to AF/FA. To be removed for storage	--	0.00152
SP5935-FP	ASET83265	20/05/2020	Footprint clearance/ validation post fail	--	nd
SP5936	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5937	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5938	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5939	ASET82823	11/05/2020	Compliant Stockpile	--	0.00002
SP5940	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5941	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5942	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5943	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5943-A	ASET82823	11/05/2020	Intra lab duplicate	--	nd
SP5944	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5945	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5946	ASET82823	11/05/2020	Compliant Stockpile	--	nd
SP5947	ASET82879	12/05/2020	Compliant Stockpile	--	0.00040
SP5948	ASET82879	12/05/2020	Compliant Stockpile	--	nd
SP5949	ASET82879	12/05/2020	Compliant Stockpile	--	nd
SP5950	ASET82879	12/05/2020	Compliant Stockpile	--	nd
SP5950-A	ASET82879	12/05/2020	Intra lab duplicate	--	0.00008
SP5951	ASET82879	12/05/2020	Compliant Stockpile	--	nd
SP5952	ASET82879	12/05/2020	Compliant Stockpile	--	nd
SP5953	ASET82879	12/05/2020	Compliant Stockpile	--	nd
SP5954	ASET82879	12/05/2020	Compliant Stockpile	--	nd
SP5955	ASET82879	12/05/2020	Compliant Stockpile	--	nd
SP5956	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5957	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5958	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5959	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5960	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5961	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5962	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5963	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5964	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5965	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5965-A	ASET82948	13/05/2020	Intra lab duplicate	--	nd
SP5966	ASET82948	13/05/2020	Compliant Stockpile	--	0.00089
SP5967	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5968	ASET82948	13/05/2020	Compliant Stockpile	--	0.00005
SP5969	ASET82948	13/05/2020	Compliant Stockpile	--	0.00020
SP5970	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5971	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5972	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5973	ASET82948	13/05/2020	Compliant Stockpile	--	0.00027
SP5974	ASET82948	13/05/2020	Compliant Stockpile	--	0.00006
SP5975	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5976	ASET82948	13/05/2020	Compliant Stockpile	--	nd

SP5977	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5978	ASET82948	13/05/2020	Compliant Stockpile	--	nd
SP5978-A	ASET82948	13/05/2020	Intra lab duplicate	--	nd
SP5979	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5980	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5981	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5982	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5983	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5984	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5985	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5986	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5987	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5988	ASET82957	14/05/2020	Compliant Stockpile	--	0.00037
SP5989	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5990	ASET82957	14/05/2020	Compliant Stockpile	--	nd
SP5991	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP5992	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP5993	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP5994	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP5995	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP5996	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP5997	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP5998	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP5999	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP6000	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP6000-A	ASET83082	15/05/2020	Intra lab duplicate	--	0.00005
SP6001	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP6002	ASET83082	15/05/2020	Compliant Stockpile	--	0.00005
SP6003	ASET83082	15/05/2020	Compliant Stockpile	--	0.00098
SP6004	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP6005	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP6006	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP6007	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP6008	ASET83082	15/05/2020	Compliant Stockpile	--	nd
SP6009	ASET83082	15/05/2020	SP fail due to AF/FA. To be removed for storage	VF	0.00353
SP6009-FP	ASET83735	28/05/2020	Footprint clearance/ validation post fail	--	nd
SP6010	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6010-A	ASET83146	18/05/2020	Intra lab duplicate	--	nd
SP6010-B	SE206433	18/05/2020	Inter lab duplicate	--	nd
SP6011	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6012	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6013	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6014	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6015	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6016	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6016-A	ASET83146	18/05/2020	Intra lab duplicate	--	nd
SP6016-B	SE206433	18/05/2020	Inter lab duplicate	--	nd
SP6017	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6018	ASET83146	18/05/2020	SP fail due to AF/FA. To be removed for storage	--	0.00135
SP6018-A	ASET83146	18/05/2020	SP fail due to AF/FA. To be removed for storage	--	#VALUE!
SP6018-B	SE206433	18/05/2020	Inter lab duplicate	--	#VALUE!
SP6018-FP	ASET84390	11/06/2020	Footprint clearance/ validation post fail	--	nd
SP6019	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6020	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6021	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6022	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6023	ASET83146	18/05/2020	Compliant Stockpile	--	nd

SP6024	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6025	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6026	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6027	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6028	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6029	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6030	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6031	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6032	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6033	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6034	ASET83146	18/05/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP6034-RP	--	28/05/2020	Compliant Stockpile	--	--
SP6035	ASET83146	18/05/2020	SP fail due to AF/FA. To be removed for storage	--	0.00280
SP6035-FP	ASET84220	9/06/2020	Footprint clearance/ validation post fail	--	nd
SP6036	ASET83146	18/05/2020	Compliant Stockpile	--	0.00010
SP6037	ASET83146	18/05/2020	Compliant Stockpile	--	nd
SP6037-A	ASET83146	18/05/2020	Intra lab duplicate	--	nd
SP6037-B	SE206433	18/05/2020	Inter lab duplicate	--	nd
SP6038	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6039	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6040	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6040-A	ASET83186	19/05/2020	Intra lab duplicate	--	nd
SP6041	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6042	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6043	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6044	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6045	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6046	ASET83186	19/05/2020	Compliant Stockpile	--	0.00007
SP6047	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6048	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6049	ASET83186	19/05/2020	Compliant Stockpile	--	0.00006
SP6050	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6050-A	ASET83186	19/05/2020	Intra lab duplicate	--	nd
SP6051	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6052	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6053	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6054	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6055	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6056	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6057	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6058	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6059	ASET83186	19/05/2020	Compliant Stockpile	--	nd
SP6060	ASET83266	20/05/2020	Compliant Stockpile	--	nd
SP6061	ASET83266	20/05/2020	Compliant Stockpile	--	nd
SP6062	ASET83266	20/05/2020	Compliant Stockpile	--	nd
SP6063	ASET83266	20/05/2020	Compliant Stockpile	--	nd
SP6064	ASET83266	20/05/2020	Compliant Stockpile	--	nd
SP6065	ASET83266	20/05/2020	Compliant Stockpile	--	nd
SP6066	ASET83529	25/05/2020	Compliant Stockpile	--	nd
SP6067	ASET83529	25/05/2020	Compliant Stockpile	--	nd
SP6068	ASET83529	25/05/2020	Compliant Stockpile	--	nd
SP6069	ASET83529	25/05/2020	Compliant Stockpile	--	nd
SP6070	ASET83529	25/05/2020	Compliant Stockpile	--	nd
SP6071	ASET83529	25/05/2020	Compliant Stockpile	--	nd
SP6072	ASET83529	25/05/2020	Compliant Stockpile	--	0.00005
SP6073	ASET83734	28/05/2020	Compliant Stockpile	--	0.00008

SP6074	ASET83734	28/05/2020	Compliant Stockpile	--	0.00009
SP6075	ASET83734	28/05/2020	Compliant Stockpile	--	0.00039
SP6076	ASET83734	28/05/2020	Compliant Stockpile	--	0.00005
SP6077	ASET83734	28/05/2020	Compliant Stockpile	--	nd
SP6078	ASET83734	28/05/2020	Compliant Stockpile	--	nd
SP6079	ASET83734	28/05/2020	Compliant Stockpile	--	0.00010
SP6080	ASET83734	28/05/2020	Compliant Stockpile	--	nd
SP6081	ASET83734	28/05/2020	Compliant Stockpile	--	nd
SP6082	ASET83734	28/05/2020	Compliant Stockpile	--	nd
SP6083	ASET83734	28/05/2020	Compliant Stockpile	--	nd
SP6083-A	ASET83734	28/05/2020	Intra lab duplicate	--	0.00029
SP6084	ASET83734	28/05/2020	Compliant Stockpile	--	nd
SP6085	ASET83734	28/05/2020	SP fail due to AF/FA. To be removed for storage	--	0.00322
SP6085-FP	ASET84084	4/06/2020	Footprint clearance/ validation post fail	--	nd
SP6086	ASET83734	28/05/2020	Compliant Stockpile	--	nd
SP6087	ASET83734	28/05/2020	SP fail due to AF/FA. To be removed for storage	--	0.00213
SP6087-FP	ASET84084	4/06/2020	Footprint clearance/ validation post fail	--	nd
SP6088	ASET84322	10/06/2020	Compliant Stockpile	--	nd
SP6089	ASET84322	10/06/2020	Compliant Stockpile	--	nd
SP6090	ASET84322	10/06/2020	Compliant Stockpile	--	0.00006
SP6090-A	ASET84322	10/06/2020	Intra lab duplicate	--	nd
SP6091	ASET84322	10/06/2020	Compliant Stockpile	--	0.00099
SP6092	ASET84322	10/06/2020	Compliant Stockpile	--	nd
SP6093	ASET84322	10/06/2020	Compliant Stockpile	--	nd
SP6094	ASET84322	10/06/2020	Compliant Stockpile	--	nd
SP6094-A	ASET84322	10/06/2020	Intra lab duplicate	--	nd
SP6095	ASET84322	10/06/2020	Compliant Stockpile	--	nd
SP6096	ASET84322	10/06/2020	SP fail due to AF/FA. To be removed for storage	--	0.00397
SP6096-FP	ASET85550	3/07/2020	Footprint clearance/ validation post fail	--	nd
SP6097	ASET84322	10/06/2020	Compliant Stockpile	--	nd
SP6098	ASET84322	10/06/2020	Compliant Stockpile	--	nd
SP6099	ASET84322	10/06/2020	SP fail due to AF/FA. To be removed for storage	--	0.00207
SP6099-FP	ASET85550	3/07/2020	Footprint clearance/ validation post fail	--	nd
SP6100	ASET84322	10/06/2020	Compliant Stockpile	--	nd
SP6100-A	ASET84322	10/06/2020	Intra lab duplicate	--	nd
SP6101	ASET84389	11/06/2020	Compliant Stockpile	--	nd
SP6102	ASET84389	11/06/2020	Compliant Stockpile	--	nd
SP6103	ASET84389	11/06/2020	Compliant Stockpile	--	0.00001
SP6104	ASET84389	11/06/2020	Compliant Stockpile	--	nd
SP6105	ASET84389	11/06/2020	Compliant Stockpile	--	nd
SP6106	ASET84389	11/06/2020	Compliant Stockpile	--	nd
SP6107	ASET84389	11/06/2020	Compliant Stockpile	--	nd
SP6108	ASET84389	11/06/2020	Compliant Stockpile	--	0.00002
SP6109	ASET84389	11/06/2020	Compliant Stockpile	--	0.00004
SP6110	ASET84389	11/06/2020	Compliant Stockpile	--	nd
SP6111	ASET84389	11/06/2020	Compliant Stockpile	--	nd
SP6111-A	ASET84389	11/06/2020	Intra lab duplicate	--	0.00001
SP6112	ASET84389	11/06/2020	Compliant Stockpile	--	nd
SP6113	ASET84389	11/06/2020	Compliant Stockpile	--	nd
SP6114	ASET84389	11/06/2020	Compliant Stockpile	--	0.00008
SP6115	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6116	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6117	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6118	ASE84474	12/06/2020	Compliant Stockpile	--	0.00004
SP6119	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6120	ASE84474	12/06/2020	Compliant Stockpile	--	nd

SP6121	ASE84474	12/06/2020	Compliant Stockpile	--	0.00001
SP6122	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6123	ASE84474	12/06/2020	Compliant Stockpile	--	0.00020
SP6124	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6124-A	ASE84474	12/06/2020	Intra lab duplicate	--	0.00030
SP6125	ASE84474	12/06/2020	Compliant Stockpile	--	0.00030
SP6126	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6127	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6128	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6129	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6130	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6131	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6132	ASE84474	12/06/2020	Compliant Stockpile	--	0.00010
SP6133	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6134	ASE84474	12/06/2020	Compliant Stockpile	--	nd
SP6135	ASE84474	15/06/2020	Compliant Stockpile	--	nd
SP6136	ASET84535	15/06/2020	Compliant Stockpile	--	<0.00002
SP6137	ASET84535	15/06/2020	Compliant Stockpile	--	0.00005
SP6138	ASET84535	15/06/2020	Compliant Stockpile	--	nd
SP6139	ASET84535	15/06/2020	Compliant Stockpile	--	nd
SP6140	ASET84535	15/06/2020	Compliant Stockpile	--	nd
SP6141	ASET84535	15/06/2020	Compliant Stockpile	--	nd
SP6142	ASET84535	15/06/2020	Compliant Stockpile	--	<0.00002
SP6143	ASET84535	15/06/2020	Compliant Stockpile	--	<0.00001
SP6144	ASET84535	15/06/2020	Compliant Stockpile	--	nd
SP6145	ASET84535	15/06/2020	Compliant Stockpile	--	<0.00001
SP6145-A	ASET84535	15/06/2020	Intra lab duplicate	--	nd
SP6146	ASET84535	15/06/2020	Compliant Stockpile	--	nd
SP6147	ASET84535	15/06/2020	Compliant Stockpile	--	nd
SP6148	ASET84535	15/06/2020	Compliant Stockpile	--	<0.00002
SP6149	ASET84535	15/06/2020	Compliant Stockpile	--	nd
SP6150	ASET84535	15/06/2020	Compliant Stockpile	--	<0.00002
SP6151	ASET84701	17/06/2020	Compliant Stockpile	--	nd
SP6152	ASET84701	17/06/2020	Compliant Stockpile	--	0.00010
SP6153	ASET84701	17/06/2020	Compliant Stockpile	--	0.00023
SP6154	ASET84701	17/06/2020	Compliant Stockpile	--	0.00007
SP6155	ASET84701	17/06/2020	Compliant Stockpile	--	0.00011
SP6156	ASET84701	17/06/2020	Compliant Stockpile	--	nd
SP6157	ASET84700	18/06/2020	Compliant Stockpile	--	nd
SP6158	ASET84700	18/06/2020	Compliant Stockpile	--	nd
SP6159	ASET84700	18/06/2020	Compliant Stockpile	--	nd
SP6160	ASET84700	18/06/2020	Compliant Stockpile	--	0.00003
SP6161	ASET84977	22/06/2020	Compliant Stockpile	--	nd
SP6162	ASET84977	22/06/2020	Compliant Stockpile	--	nd
SP6163	ASET84977	22/06/2020	Compliant Stockpile	--	nd
SP6164	ASET84977	22/06/2020	Compliant Stockpile	--	nd
SP6165	ASET84977	22/06/2020	Compliant Stockpile	--	nd
SP6166	ASET84977	22/06/2020	Compliant Stockpile	--	nd
SP6167	ASET84976	23/06/2020	Compliant Stockpile	--	nd
SP6168	ASET84976	23/06/2020	Compliant Stockpile	--	nd
SP6169	ASET84976	23/06/2020	Compliant Stockpile	--	nd
SP6170	ASET84976	23/06/2020	Compliant Stockpile	--	nd
SP6171	ASET84976	23/06/2020	Compliant Stockpile	--	nd
SP6172	ASET84976	23/06/2020	Compliant Stockpile	--	nd
SP6173	ASET85082	24/06/2020	Compliant Stockpile	--	nd
SP6174	ASET85082	24/06/2020	Compliant Stockpile	--	nd

SP6175	ASET85082	24/06/2020	Compliant Stockpile	--	nd
SP6176	ASET85082	24/06/2020	Compliant Stockpile	--	nd
SP6177	ASET85082	24/06/2020	Compliant Stockpile	--	nd
SP6178	ASET85082	24/06/2020	Compliant Stockpile	--	nd
SP6179	ASET85291	29/06/2020	Compliant Stockpile	--	nd
SP6180	ASET85291	29/06/2020	Compliant Stockpile	--	0.00002
SP6181	ASET85291	29/06/2020	Compliant Stockpile	--	0.00005
SP6182	ASET85291	29/06/2020	Compliant Stockpile	--	nd
SP6183	ASET85291	29/06/2020	Compliant Stockpile	--	0.00003
SP6184	ASET85291	29/06/2020	Compliant Stockpile	--	nd
SP6185	ASET85291	29/06/2020	Compliant Stockpile	--	0.00005
SP6186	ASET85291	29/06/2020	Stockpile failed due to ACM, needs to be repicked	VF	nd
SP6186-RP	--	1/07/2020	Compliant Stockpile	--	--
SP6187	ASET85291	29/06/2020	Compliant Stockpile	--	0.00010
SP6188	ASET85291	29/06/2020	Compliant Stockpile	--	0.00006
SP6189	ASET85291	29/06/2020	Compliant Stockpile	--	nd
SP6189-A	ASET85291	29/06/2020	Intra lab duplicate	--	nd
SP6190	ASET85291	29/06/2020	Compliant Stockpile	--	nd
SP6191	ASET85291	29/06/2020	Compliant Stockpile	--	0.00011
SP6192	ASET85291	29/06/2020	SP fail due to AF/FA. To be removed for storage	--	0.00155
SP6193	ASET85291	29/06/2020	Compliant Stockpile	--	nd
SP6194	ASET85291	29/06/2020	Compliant Stockpile	--	nd
SP6195	ASET85291	29/06/2020	Compliant Stockpile	--	0.00003
SP6196	ASET85300	30/06/2020	Compliant Stockpile	--	nd
SP6197	ASET85300	30/06/2020	Compliant Stockpile	--	nd
SP6198	ASET85300	30/06/2020	Compliant Stockpile	--	0.00003
SP6199	ASET85300	30/06/2020	Compliant Stockpile	--	0.00003
SP6200	ASET85300	30/06/2020	Compliant Stockpile	--	nd
SP6201	ASET85300	30/06/2020	Compliant Stockpile	--	0.00005
SP6202	ASET85300	30/06/2020	Compliant Stockpile	--	nd
SP6203	ASET85300	30/06/2020	Compliant Stockpile	--	nd
SP6204	ASET85300	30/06/2020	Compliant Stockpile	--	nd
SP6205	ASET85300	30/06/2020	Compliant Stockpile	--	nd
SP6206	ASET85300	30/06/2020	Compliant Stockpile	--	0.00042
SP6207	ASET85453	1/07/2020	Compliant Stockpile	--	nd
SP6208	ASET85453	1/07/2020	Compliant Stockpile	--	0.00031
SP6209	ASET85453	1/07/2020	Compliant Stockpile	--	nd
SP6210	ASET85453	1/07/2020	Compliant Stockpile	--	nd
SP6211	ASET85453	1/07/2020	Compliant Stockpile	--	nd
SP6212	ASET85453	1/07/2020	Compliant Stockpile	--	nd

	Health Screening Levels Comm/Ind (w/w %)			0.001%	0.05%
Sample ID	Date	Lab Report	Comment	Asbestos in soil	
				AF/FA	Bonded
Pad 1					
Pad 1-1	17/11/2019	ASET78542	Footprint failed due to AF/FA. Requires re sample	0.0001	nd
Pad 1-1-V	8/01/2020	ASET78740	Footprint clearance / validation post fail	nd	nd
Pad 1-2	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-3	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-4	17/11/2019	ASET78542	Footprint failed due to AF/FA. Requires re sample	0.01	nd
Pad 1-4-V	8/01/2020	ASET78740	Footprint clearance / validation post fail	nd	nd
Pad 1-5	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-6	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-7	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-8	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-9	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-10	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-11	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-12	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-13	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-14	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-15	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-16	17/11/2019	ASET78542	Footprint failed due to AF/FA. Requires re sample	0.00003	nd
Pad 1-16-V	8/01/2020	ASET78740	Footprint clearance / validation post fail	nd	nd
Pad 1-17	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-18	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-19	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-20	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-21	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-22	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-23	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-24	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-25	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-26	17/11/2019	ASET78542	Cleared Footprint Area	nd	nd
Pad 1-27	19/12/2020	ASET78590	Cleared Footprint Area	nd	nd
Pad 1-28	19/12/2020	ASET78590	Cleared Footprint Area	nd	nd
Pad 1-29	19/12/2020	ASET78590	Cleared Footprint Area	nd	nd
Pad 1-30	19/12/2020	ASET78590	Cleared Footprint Area	nd	nd
Pad 1-31	19/12/2020	ASET78590	Cleared Footprint Area	nd	nd
Pad 1-32	19/12/2020	ASET78590	Cleared Footprint Area	nd	nd
Pad 1-33	19/12/2020	ASET78590	Cleared Footprint Area	nd	nd
Pad 1-34	19/12/2020	ASET78590	Cleared Footprint Area	nd	nd
Pad 1-35	18/12/2020	ASET78558	Cleared Footprint Area	nd	nd
Pad 1-36	18/12/2020	ASET78558	Cleared Footprint Area	nd	nd
Pad 1-37	18/12/2020	ASET78558	Cleared Footprint Area	nd	nd
Pad 1-38	18/12/2020	ASET78558	Cleared Footprint Area	nd	nd
Pad 1-39	18/12/2020	ASET78558	Cleared Footprint Area	nd	nd
Pad 1-40	18/12/2020	ASET78558	Cleared Footprint Area	nd	nd
Pad 1-41	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-42	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-43	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-44	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-45	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-46	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-47	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-48	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-49	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-50	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-51	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-52	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-53	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
Pad 1-54	13/01/2020	ASET78867	Cleared Footprint Area	nd	nd
LG-1	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-2	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-3	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-4	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-5	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd

LG-6	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-7	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-8	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-9	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-10	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-11	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-12	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-13	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-14	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G55	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G56	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G57	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G58	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G59	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G60	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G61	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G62	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G63	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G64	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G65	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G66	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G67	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G68	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G69	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G70	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G71	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G72	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G73	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
G74	16/01/2020	ASET78978	Cleared Footprint Area	nd	nd
LG-15	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-16	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-17	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-18	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-19	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-20	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-21	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-22	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-23	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-24	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-25	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-26	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-27	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-28	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-29	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
LG-30	21/01/2020	ASET79088	Cleared Footprint Area	nd	nd
G75	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G76	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G77	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G78	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G79	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G80	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G81	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G82	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G83	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G84	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G85	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G86	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G87	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G88	22/01/2020	ASET79114	Cleared Footprint Area	nd	nd
G89	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G90	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G91	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G92	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G93	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G94	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G95	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G96	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G97	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G98	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G99	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G100	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G101	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G102	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G103	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd

G104	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G105	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
G106	24/01/2020	ASET9190	Cleared Footprint Area	nd	nd
Pad 2					
Pad 2-1	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-2	26/02/2020	ASET80100	Footprint failed due to AF/FA. Requires re sample	0.002	nd
Pad 2-2-RS	2/03/2020	ASET80262	Footprint clearance / validation post fail	nd	nd
Pad 2-3	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-4	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-5	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-6	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-7	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-8	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-9	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-10	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-11	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-12	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-13	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-14	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-15	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-16	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-17	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-18	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-19	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-20	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-21	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-22	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-23	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-24	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-25	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-26	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-27	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-28	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-29	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-30	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-31	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-32	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-33	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-34	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-35	26/02/2020	ASET80100	Cleared Footprint Area	nd	nd
Pad 2-36	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-37	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-38	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-39	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-40	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-41	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-42	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-43	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-44	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-45	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-46	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-47	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-48	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-49	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-50	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-51	12/03/2020	ASET80702	Cleared Footprint Area	nd	nd
Pad 2-52	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-53	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-54	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-55	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-56	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-57	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-58	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-59	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-60	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-61	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-62	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-63	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-64	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-65	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-66	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-67	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-68	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd
Pad 2-69	9/04/2020	ASET81517	Cleared Footprint Area	nd	nd

Pad 2-70	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-71	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-72	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-73	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-74	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-75	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-76	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-77	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-78	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-79	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-80	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-81	17/04/2020	ASET81767	Cleared Footprint Area	nd	nd
Pad 2-82	20/04/2020	ASET81833	Cleared Footprint Area	nd	nd
Pad 2-83	20/04/2020	ASET81833	Cleared Footprint Area	nd	nd
Pad 2-84	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-85	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-86	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-87	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-88	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-89	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-90	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-91	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-92	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-93	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-94	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-95	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-96	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-97	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 2-98	29/04/2020	ASET82258	Cleared Footprint Area	nd	nd
Pad 3					
Pad 3-1	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-2	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-3	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-4	5/05/2020	ASET82555	Footprint failed due to AF/FA. Requires re sample	0.00006	nd
Pad 3-4-V	8/05/2020	ASET82744	Footprint clearance / validation post fail	nd	nd
Pad 3-5	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-6	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-7	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-8	5/05/2020	ASET82555	Footprint failed due to AF/FA. Requires re sample	0.0002	nd
Pad 3-8-V	8/05/2020	ASET82744	Footprint clearance / validation post fail	nd	nd
Pad 3-9	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-10	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-11	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-12	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-13	5/05/2020	ASET82555	Footprint failed due to ACM. Requires re sample	nd	0.015
Pad 3-13-V	8/05/2020	ASET82744	Footprint clearance / validation post fail	nd	nd
Pad 3-14	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-15	5/05/2020	ASET82555	Cleared Footprint Area	nd	nd
Pad 3-16	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-17	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-18	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-19	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-20	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-21	6/05/2020	ASET82567	Footprint failed due to AF/FA. Requires re sample	0.0001	nd
Pad 3-21-V	8/05/2020	ASET82744	Footprint clearance / validation post fail	nd	nd
Pad 3-22	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-23	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-24	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-25	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-26	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-27	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-28	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-29	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-30	6/05/2020	ASET82567	Cleared Footprint Area	nd	nd
Pad 3-31	19/05/2020	ASET83185	Footprint failed due to AF/FA. Requires re sample	<0.00001	nd
Pad 3-31-V	29/05/2020	ASET83756	Footprint clearance / validation post fail	nd	nd
Pad 3-32	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-33	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-34	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-35	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-36	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-37	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-38	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-39	19/05/2020	ASET83185	Footprint failed due to AF/FA. Requires re sample	0.0091	nd

Pad 3-39-V	29/05/2020	ASET83756	Footprint clearance / validation post fail	nd	nd
Pad 3-40	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-41	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-42	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-43	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-44	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-45	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-46	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-47	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-48	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-49	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-50	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-51	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-52	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-53	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-54	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-55	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-56	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-57	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-58	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-59	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-60	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-61	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-62	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-63	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-64	19/05/2020	ASET83185	Cleared Footprint Area	nd	nd
Pad 3-65	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-66	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-67	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-68	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-69	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-70	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-71	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-72	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-73	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-74	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-75	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-76	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-77	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-78	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-79	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-80	4/06/2020	ASET84086	Cleared Footprint Area	nd	nd
Pad 3-81	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-82	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-83	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-84	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-85	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-86	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-87	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-88	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-89	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-90	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-91	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-92	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-93	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-94	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-95	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-96	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-97	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-98	9/06/2020	ASET84219	Footprint failed due to ACM. Requires re sample	nd	0.01
Pad 3-98-V	15/06/2020	ASET84534	Footprint clearance / validation post fail	nd	nd
Pad 3-99	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-100	9/06/2020	ASET84219	Cleared Footprint Area	nd	nd
Pad 3-101	9/06/2020	ASET84219	Footprint failed due to ACM. Requires re sample	nd	0.005
Pad 3-101-V	15/06/2020	ASET84534	Footprint clearance / validation post fail	nd	nd
Pad 3-102	9/06/2020	ASET84219	Footprint failed due to AF/FA. Requires re sample	0.002	nd
Pad 3-102-V	15/06/2020	ASET84534	Footprint clearance / validation post fail	nd	nd
Pad 3-103	22/06/2020	ASET84972	Cleared Footprint Area	nd	nd
Pad 3-104	22/06/2020	ASET84972	Cleared Footprint Area	nd	nd
Pad 4					
Pad 4-1	4/06/2020	ASET84085		nd	nd
Pad 4-2	4/06/2020	ASET84085		nd	nd
Pad 4-3	4/06/2020	ASET84085		nd	nd
Pad 4-4	4/06/2020	ASET84085	Footprint failed due to AF/FA. Requires re sample	<0.00001	nd

Pad 4-4-V	11/06/2020	ASET84388	Footprint clearance / validation post fail	nd	nd
Pad 4-5	4/06/2020	ASET84085		nd	nd
Pad 4-6	4/06/2020	ASET84085		nd	nd
Pad 4-7	4/06/2020	ASET84085		nd	nd
Pad 4-8	4/06/2020	ASET84085		nd	nd
Pad 4-9	4/06/2020	ASET84085		nd	nd
Pad 4-10	4/06/2020	ASET84085		nd	nd
Pad 4-11	4/06/2020	ASET84085		nd	nd
Pad 4-12	4/06/2020	ASET84085		nd	nd
Pad 4-13	10/06/2020	ASET84325		nd	nd
Pad 4-14	10/06/2020	ASET84325		nd	nd
Pad 4-15	10/06/2020	ASET84325		nd	nd
Pad 4-16	10/06/2020	ASET84325		nd	nd
Pad 4-17	10/06/2020	ASET84325		nd	nd
Pad 4-18	10/06/2020	ASET84325		nd	nd
Pad 4-19	10/06/2020	ASET84325		nd	nd
Pad 4-20	10/06/2020	ASET84325		nd	nd
Pad 4-21	10/06/2020	ASET84325		nd	nd
Pad 4-22	10/06/2020	ASET84325		nd	nd
Pad 4-23	10/06/2020	ASET84325		nd	nd
Pad 4-24	10/06/2020	ASET84325		nd	nd
Pad 4-25	10/06/2020	ASET84325		nd	nd
Pad 4-26	10/06/2020	ASET84325		nd	nd
Pad 4-27	10/06/2020	ASET84325		nd	nd
Pad 4-28	10/06/2020	ASET84325		nd	nd
Pad 4-29	10/06/2020	ASET84325		nd	nd
Pad 4-30	10/06/2020	ASET84325		nd	nd
Pad 4-31	10/06/2020	ASET84325		nd	nd
Pad 4-32	10/06/2020	ASET84325		nd	nd
Pad 4-33	10/06/2020	ASET84325		nd	nd
Pad 4-34	10/06/2020	ASET84325		nd	nd
Pad 4-35	11/06/2020	ASET84388		nd	nd
Pad 4-36	11/06/2020	ASET84388		nd	nd
Pad 4-37	11/06/2020	ASET84388		nd	nd
Pad 4-38	11/06/2020	ASET84388		nd	nd
Pad 4-39	11/06/2020	ASET84388		nd	nd
Pad 4-40	11/06/2020	ASET84388		nd	nd
Pad 4-41	11/06/2020	ASET84388		nd	nd
Pad 4-42	11/06/2020	ASET84388		nd	nd
Pad 4-43	11/06/2020	ASET84388		nd	nd
Pad 4-44	11/06/2020	ASET84388		nd	nd
Pad 4-45	11/06/2020	ASET84388		nd	nd
Pad 4-46	11/06/2020	ASET84388		nd	nd
Pad 4-47	11/06/2020	ASET84388		nd	nd
Pad 4-48	11/06/2020	ASET84388		nd	nd
Pad 4-49	11/06/2020	ASET84388		nd	nd
Pad 4-50	11/06/2020	ASET84388		nd	nd
Pad 4-51	11/06/2020	ASET84388		nd	nd
Pad 4-52	11/06/2020	ASET84388		nd	nd
Pad 4-53	11/06/2020	ASET84388		nd	nd
Pad 4-54	11/06/2020	ASET84388		nd	nd
Pad 4-55	12/06/2020	ASET84475		nd	nd
Pad 4-56	12/06/2020	ASET84475		nd	nd
Pad 4-57	12/06/2020	ASET84475		nd	nd
Pad 4-58	12/06/2020	ASET84475		nd	nd
Pad 4-59	12/06/2020	ASET84475		nd	nd
Pad 4-60	12/06/2020	ASET84475		nd	nd
Pad 4-61	12/06/2020	ASET84475		nd	nd
Pad 4-62	12/06/2020	ASET84475		nd	nd
Pad 4-63	12/06/2020	ASET84475		nd	nd
Pad 4-64	12/06/2020	ASET84475		nd	nd
Pad 4-65	12/06/2020	ASET84475		nd	nd
Pad 4-66	12/06/2020	ASET84475		nd	nd
Pad 4-67	12/06/2020	ASET84475		nd	nd
Pad 4-68	12/06/2020	ASET84475		nd	nd
Pad 4-69	12/06/2020	ASET84475		nd	nd
Pad 4-70	12/06/2020	ASET84475		nd	nd
Pad 4-71	12/06/2020	ASET84475		nd	nd
Pad 4-72	12/06/2020	ASET84475		nd	nd
Pad 4-73	12/06/2020	ASET84475		nd	nd
Pad 4-74	12/06/2020	ASET84475		nd	nd
Pad 4-75	12/06/2020	ASET84475		nd	nd
Pad 4-76	12/06/2020	ASET84475		nd	nd
Pad 4-77	12/06/2020	ASET84475		nd	nd

Pad 4-78	12/06/2020	ASET84475	Footprint failed due to AF/FA. Requires re sample	0.0001	nd
Pad 4-78-V	18/06/2020	ASET84782	Footprint clearance / validation post fail	nd	nd
Pad 4-79	12/06/2020	ASET84475		nd	nd
Pad 4-80	12/06/2020	ASET84475		nd	nd
Pad 4-81	16/06/2020	ASET84632		nd	nd
Pad 4-82	16/06/2020	ASET84632		nd	nd
Pad 4-83	16/06/2020	ASET84632		nd	nd
Pad 4-84	16/06/2020	ASET84632		nd	nd
Pad 4-85	16/06/2020	ASET84632		nd	nd
Pad 4-86	16/06/2020	ASET84632		nd	nd
Pad 4-87	16/06/2020	ASET84632		nd	nd
Pad 4-88	16/06/2020	ASET84632		nd	nd
Pad 4-89	16/06/2020	ASET84632		nd	nd
Pad 4-90	16/06/2020	ASET84632		nd	nd
Pad 4-91	16/06/2020	ASET84632		nd	nd
Pad 4-92	16/06/2020	ASET84632		nd	nd
Pad 4-93	16/06/2020	ASET84632		nd	nd
Pad 4-94	16/06/2020	ASET84632		nd	nd
Pad 4-95	16/06/2020	ASET84632		nd	nd
Pad 4-96	16/06/2020	ASET84632		nd	nd
Pad 4-97	16/06/2020	ASET84632		nd	nd
Pad 4-98	16/06/2020	ASET84632		nd	nd
Pad 4-99	16/06/2020	ASET84632		nd	nd
Pad 4-100	16/06/2020	ASET84632		nd	nd
Pad 4-101	16/06/2020	ASET84632		nd	nd
Pad 4-102	16/06/2020	ASET84632		nd	nd
Pad 4-103	16/06/2020	ASET84632	Footprint failed due to ACM. Requires re sample	nd	0.0163
Pad 4-103-V	19/06/2020	ASET84785	Footprint clearance / validation post fail	nd	nd
Pad 4-104	16/06/2020	ASET84632		nd	nd
Pad 4-105	16/06/2020	ASET84632		nd	nd
Pad 4-106	16/06/2020	ASET84632		nd	nd
Pad 4-107	16/06/2020	ASET84632		nd	nd
Pad 4-108	16/06/2020	ASET84632		nd	nd
Pad 4-109	16/06/2020	ASET84632		nd	nd
Pad 4-110	16/06/2020	ASET84632		nd	nd
Pad 4-111	16/06/2020	ASET84632		nd	nd
Pad 4-112	16/06/2020	ASET84632		nd	nd
Pad 4-113	16/06/2020	ASET84632		nd	nd
Pad 4-114	16/06/2020	ASET84632		nd	nd
Pad 4-115	16/06/2020	ASET84632		nd	nd
Pad 4-116	23/06/2020	ASET84971		nd	nd
Pad 4-117	23/06/2020	ASET84971		nd	nd
Pad 4-118	23/06/2020	ASET84971		nd	nd
Pad 4-119	23/06/2020	ASET84971		nd	nd
Pad 4-120	23/06/2020	ASET84971		nd	nd
Pad 4-121	23/06/2020	ASET84971		nd	nd
Pad 4-122	23/06/2020	ASET84971		nd	nd
Pad 4-123	23/06/2020	ASET84971		nd	nd
Pad 4-124	23/06/2020	ASET84971		nd	nd
Pad 4-125	23/06/2020	ASET84971		nd	nd
Pad 4-126	23/06/2020	ASET84971	Footprint failed due to AF/FA. Requires re sample	0.00003	nd
Pad 4-126-V	25/06/2020	ASET85083	Footprint clearance / validation post fail	nd	nd
Pad 4-127	23/06/2020	ASET84971		nd	nd
Pad 4-128	23/06/2020	ASET84971	Footprint failed due to AF/FA. Requires re sample	<0.00001	nd
Pad 4-128-V	25/06/2020	ASET85083	Footprint clearance / validation post fail	nd	nd
Pad 4-129	23/06/2020	ASET84971		nd	nd
Pad 4-130	23/06/2020	ASET84971		nd	nd
Pad 4-131	23/06/2020	ASET84971		nd	nd
Pad 4-132	23/06/2020	ASET84971		nd	nd
Pad 4-133	23/06/2020	ASET84971		nd	nd
Pad 4-134	23/06/2020	ASET84971		nd	nd
Pad 4-135	23/06/2020	ASET84971		nd	nd
Pad 4-136	23/06/2020	ASET84971		nd	nd
Pad 4-137	23/06/2020	ASET84971		nd	nd
Pad 4-138	23/06/2020	ASET84971		nd	nd
Pad 4-139	23/06/2020	ASET84971		nd	nd
Pad 4-140	23/06/2020	ASET84971		nd	nd
Pad 4-141	23/06/2020	ASET84971		nd	nd
Pad 4-142	23/06/2020	ASET84971		nd	nd
Pad 4-143	23/06/2020	ASET84971		nd	nd
Pad 4-144	23/06/2020	ASET84971		nd	nd
Pad 4-145	23/06/2020	ASET84971		nd	nd
Storage 1	26/06/2020	ASET85160		nd	nd
Storage 2	26/06/2020	ASET85160		nd	nd

Appendix K:
Landfill Gas Risk Assessment Location Plan (DBD, 2020)

LEGEND

Former Carmide Landfill

Monitoring Wells

Inside Trench

Damaged / Decommissioned

Trench

Existing Trench

New Trench

0 25 50 75 m

N

Job No. 0093 Revision No: 1

Project: CSR Horsley Park

Aerial Image Source: Google December 2018

Drawn by: MB | Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 3 - Internal / Damaged or Decomissioned LFG Wells

DBD environmental

LEGEND

Former Carmide Landfill

Trench

Existing Trench

New Trench

Monitoring Wells

LFG

New LFG Location

0 20 40 60 m

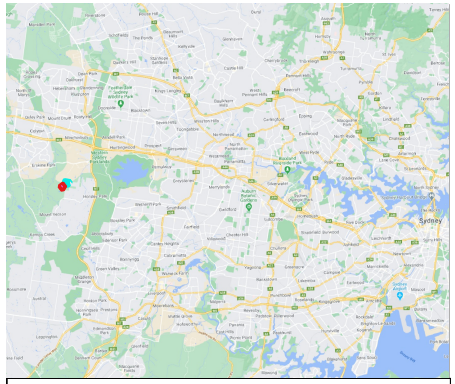
N

Job No. 0093	Revision No: 1
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 4 -LFG Perimeter Network

DBD environmental



LEGEND

- Stage 1
- Stage 3
- Stage 2A
- Stage 2B
- Stage 2C

Monitoring Wells

- Background Location

0 50 100 150 200 m

N

Job No. 0103 Revision No: 1

Project: CSR Horsley Park

Aerial Image Source: Google December 2018

Drawn by: MB | Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 5 - Background LFG Well Location

DBD environmental

Appendix L:
Landfill Gas Assessment Results (DBD, 2020)

Spot Monitoring (GFM430)
7th July 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBGL	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	7/07/20	Outside	0.200	1018	--	90	1.0	5.5	0.00	1.30	0.00	1.30	19.40	79.30	0.00	1.00	0.01	0.0	--	Well Dry
GM20	7/07/20	Outside			4.650	90	1.0	11.8											--	GasfluX
GM21	7/07/20	Inside	0.000	1015	--	90	1.0	5.5	0.00	0.10	0.00	0.10	20.60	79.30	0.00	1.00	0.00	0.0	--	Well Dry Blocked at 0.4
GM22	7/07/20	Inside	0.000	1015	5.700	90	1.0	22.6	54.60	27.70	54.60	27.70	0.00	17.70	0.00	0.00	0.00	0.0	--	Water levels not applicable inside landfill
GM23	7/07/20	Outside	0.100	1016	--	90	1.0	11.3	0.00	1.70	0.00	1.70	19.00	79.30	0.00	0.00	0.00	0.0	--	Well Dry - Blocked
GM25	7/07/20	Outside	0.000	1013	9.700	90	1.0	15.9	0.00	17.70	0.00	17.70	2.00	80.30	0.00	0.00	0.00	0.0	--	
GM26	7/07/20	Outside	0.000	1015	7.680	90	1.0	18.7	0.00	4.80	0.00	4.80	17.10	78.10	0.00	0.00	0.00	0.0	--	
GM27	7/07/20	Outside	0.200	1016	10.030	90	1.0	17.7	0.00	2.40	0.00	2.40	18.90	78.70	0.00	0.00	0.01	0.0	--	
GM28	7/07/20	Inside	1.700	1013	8.340	90	1.0	21.2	0.00	15.00	0.00	15.00	7.80	77.20	0.00	0.00	0.08	0.0	--	Water levels not applicable inside landfill
GM29	7/07/20	Inside	0.200	1012	--	90	1.0	14.4	13.10	19.20	13.10	19.20	0.00	67.70	0.00	0.00	0.01	0.0	--	Well Dry
GM30	7/07/20	Outside	0.000	1015	--	90	1.0	5.5	0.00	8.40	0.00	8.40	12.60	79.00	0.00	0.00	0.00	0.0	--	Blocked at 2.0mbgl
GM31	7/07/20	Outside	0.000	1015	8.400	90	1.0	14.0	0.00	4.40	0.00	4.40	17.30	78.30	0.00	0.00	0.00	0.0	--	
GM32	7/07/20	Outside	0.000	1014	7.580	90	1.0	5.5	0.00	0.60	0.00	0.60	20.60	78.80	0.00	0.00	0.00	0.0	--	Gas cap off on arrival
GM33	7/07/20	Outside	0.000	1015	5.950	90	1.0	5.5	0.00	4.50	0.00	4.50	11.20	84.30	0.00	1.00	0.00	0.0	--	
GM34	7/07/20	Outside	0.100	1016	6.040	90	1.0	5.5	0.00	5.30	0.00	5.30	9.20	85.50	0.00	1.00	0.00	0.0	--	
GM35	7/07/20	Outside	0.000	1016	6.480	90	1.0	5.5	0.00	5.30	0.00	5.30	13.70	81.00	0.00	1.00	0.03	0.0	--	
GM36	7/07/20	Outside	0.000	1013	9.000	90	1.0	5.5	0.00	3.60	0.00	3.60	6.50	89.90	0.00	3.00	0.00	0.0	--	
GM37	7/07/20	Outside	0.000	1015	7.680	90	1.0	5.5	0.00	7.40	0.00	7.40	11.30	81.30	0.00	0.00	0.00	0.0	--	
GM38	7/07/20	Outside	0.000	1012	11.370	90	1.0	5.5	4.50	11.20	4.50	11.20	4.00	80.30	0.00	3.00	0.00	0.0	--	
GM39	7/07/20	Outside			9.480	90	1.0	5.5											--	GasfluX
GM40	7/07/20	Outside	0.100	1014	9.290	90	1.0	5.5	0.00	2.40	0.00	2.40	16.30	81.30	0.00	0.00	0.00	0.0	--	
GM41	7/07/20	Outside	0.000	1014	9.310	90	1.0	5.5	0.00	8.00	0.00	8.00	13.20	78.80	0.00	0.00	0.00	0.0	--	
GM42	7/07/20	Outside	0.000	1013	10.600	90	1.0	5.5	0.00	17.20	0.00	17.20	5.60	77.20	0.00	0.00	0.00	0.0	--	
GM43	7/07/20	Outside	0.000	1014	--	90	1.0	5.5	0.00	4.00	0.00	4.00	17.40	78.60	0.00	0.00	0.00	0.0	--	Well Dry
GM44	7/07/20	Outside			6.370		1.0	5.5											--	GasfluX

Spot Monitoring (GFM430)
14th July 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	14/07/20	Outside	0.0	1008	--	90	**1.0**	**6.4**	0.0	1.9	0.0	1.9	18.8	79.3	0.0	0.0	0.00	0.0	0.0	
GM20	14/07/20	Outside			4.590		**1.0**	**11.8**												GasfluX
GM21	14/07/20	Inside	0.0	1008	--	90	**1.0**	**6.4**	0.0	0.1	0.0	0.1	12.4	87.5	0.0	1.0	0.00	0.0	0.0	Well Dry Blocked at 0.4
GM22	14/07/20	Inside	0.0	1009	5.650	90	**1.0**	**22.6**	53.3	27.5	53.3	27.5	0.2	19.0	0.0	1.0	0.00	0.0	0.0	Water levels not applicable inside landfill
GM23	14/07/20	Outside	0.1	1011	--	90	**1.0**	**11.3**	0.0	2.0	0.0	2.0	18.1	79.9	0.0	0.0	0.01	0.0	0.0	Dry - Blocked
GM25	14/07/20	Outside	1.1	1010	9.650	90	**1.0**	**15.9**	0.0	17.7	0.0	17.7	9.2	73.1	0.0	1.0	0.04	0.0	0.0	
GM26	14/07/20	Outside	0.7	1009	7.600	90	**1.0**	**18.7**	0.0	11.2	0.0	11.2	11.9	76.9	0.0	0.0	0.03	0.0	0.0	
GM27	14/07/20	Outside	1.3	1009	10.010	90	**1.0**	**17.7**	0.0	12.9	0.0	12.9	8.6	78.5	0.0	1.0	0.05	0.0	0.0	
GM28	14/07/20	Inside	-3.6	1009	8.360	90	**1.0**	**21.2**	0.0	14.3	0.0	14.3	6.6	79.1	1.0	1.0	-0.19	0.0	0.0	Water levels not applicable inside landfill
GM29	14/07/20	Inside	1.8	1009	--	90	**1.0**	**14.4**	12.6	18.1	12.6	18.1	0.0	69.3	1.0	0.0	0.07	0.0	0.0	Water levels not applicable inside landfill
GM30	14/07/20	Outside	2.8	1009	--	90	**1.0**	**6.4**	0.0	8.9	0.0	8.9	8.4	82.7	1.0	3.0	0.13	0.0	0.0	Blocked at 2.0mbgl
GM31	14/07/20	Outside	-1.8	1009	8.340	90	**1.0**	**14.0**	0.0	8.8	0.0	8.8	10.9	80.3	1.0	2.0	-0.07	0.0	0.0	
GM32	14/07/20	Outside	1.9	1007	7.500	90	**1.0**	**6.4**	0.0	5.5	0.0	5.5	13.9	80.6	0.0	2.0	0.03	0.0	0.0	
GM33	14/07/20	Outside	0.0	1008	5.880	90	**1.0**	**6.4**	0.0	6.4	0.0	6.4	6.2	87.4	0.0	2.0	0.00	0.0	0.0	
GM34	14/07/20	Outside	0.0	1009	5.970	90	**1.0**	**6.4**	0.0	8.7	0.0	8.7	5.7	85.6	1.0	2.0	0.00	0.0	0.0	
GM35	14/07/20	Outside	0.2	1009	6.420	90	**1.0**	**6.4**	0.0	7.7	0.0	7.7	10.3	82.0	1.0	1.0	0.02	0.0	0.0	
GM36	14/07/20	Outside	2.7	1010	8.900	90	**1.0**	**6.4**	0.0	8.6	0.0	8.6	3.2	88.2	1.0	5.0	0.26	0.0	0.0	
GM37	14/07/20	Outside	1.6	1009	7.600	90	**1.0**	**6.4**	0.0	9.5	0.0	9.5	7.9	82.6	1.0	1.0	0.06	0.0	0.0	
GM38	14/07/20	Outside			11.300		**1.0**	**6.4**												GasfluX
GM39	14/07/20	Outside	0.0	1009	9.380	90	**1.0**	**6.4**	0.0	2.0	0.0	2.0	14.6	83.4	0.0	2.0	0.00	0.0	0.0	
GM40	14/07/20	Outside	0.3	1009	9.250	90	**1.0**	**6.4**	0.0	4.8	0.0	4.8	14.4	80.8	1.0	1.0	0.01	0.0	0.0	
GM41	14/07/20	Outside	0.2	1009	9.230	90	**1.0**	**6.4**	0.0	12.0	0.0	12.0	9.4	78.6	0.0	4.0	0.00	0.0	0.0	
GM42	14/07/20	Outside	0.0	1009	10.520	90	**1.0**	**6.4**	0.0	17.5	0.0	17.5	6.1	76.4	0.0	1.0	0.00	0.0	0.0	
GM43	14/07/20	Outside	0.0	1006	-	90	**1.0**	**6.4**	0.0	4.9	0.0	4.9	16.6	78.5	0.0	0.0	0.00	0.0	0.0	
GM44	14/07/20	Outside			6.300		**1.0**	**6.4**												GasfluX

Spot Monitoring (GFM430)
21st July 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	21/07/20	Outside	0.0	1022	--	90	**1.0**	**5.9**	0.00	1.70	0.00	1.70	19.50	78.80	0.00	0.00	0.22	0.0	0.0	Well Dry
GM20	21/07/20	Outside					**1.0**	**11.8**												GasfluX
GM21	21/07/20	Inside	0.0	1022	--	90	**1.0**	**5.9**	0.00	0.10	0.00	0.10	20.70	79.20	2.00	1.00	-0.19	0.0	0.0	Well Dry - Blocked at 0.4m
GM22	21/07/20	Inside	0.0	1022	5.740	90	--	**22.6**	44.60	24.90	44.60	24.90	2.00	28.50	3.00	1.00	-0.4	0.0	0.0	Water levels not applicable inside landfill
GM23	21/07/20	Outside	0.1	1022	--	90	**1.0**	**11.3**	0.00	1.90	0.00	1.90	19.50	78.60	2.00	1.00	0.02	0.0	0.0	Well Dry - Blocked at 0.6m
GM25	21/07/20	Outside	0.0	1021	9.790	90	**1.0**	**15.9**	0.00	18.00	0.00	18.00	2.10	79.90	2.00	1.00	0.03	0.0	0.0	
GM26	21/07/20	Outside	0.0	1021	7.720	90	**1.0**	**18.7**	0.00	11.30	0.00	11.30	13.10	75.60	1.00	1.00	0.08	0.0	0.0	
GM27	21/07/20	Outside	0.0	1021	9.850	90	**1.0**	**17.7**	0.00	16.60	0.00	16.60	3.80	79.60	2.00	1.00	0	0.0	0.0	
GM28	21/07/20	Inside	0.1	1019	8.420	90	**1.0**	**21.2**	0.00	12.70	0.00	12.70	9.70	77.60	3.00	1.00	-0.03	0.0	0.0	Water levels not applicable inside landfill
GM29	21/07/20	Inside	0.1	1022	9.190	90	**1.0**	**14.4**	12.60	18.30	12.60	18.30	0.30	68.80	3.00	1.00	0.19	0.0	0.0	Water levels not applicable inside landfill
GM30	21/07/20	Outside	0.0	1021	--	90	**1.0**	**5.9**	0.00	8.30	0.00	8.30	13.30	78.40	2.00	2.00	0.07	0.0	0.0	Well Dry
GM31	21/07/20	Outside	0.0	1021	8.440	90	**1.0**	**14.0**	0.00	10.00	0.00	10.00	12.60	77.40	2.00	1.00	0	0.0	0.0	
GM32	21/07/20	Outside	0.0	1021	7.750	90	**1.0**	**5.9**	0.00	6.90	0.00	6.90	16.60	76.50	2.00	2.00	-0.03	0.0	0.0	
GM33	21/07/20	Outside	0.0	1022	5.940	90	**1.0**	**5.9**	0.00	3.90	0.00	3.90	14.40	81.70	1.00	0.00	-0.03	0.0	0.0	
GM34	21/07/20	Outside	0.0	1021	6.050	90	**1.0**	**5.9**	0.00	5.50	0.00	5.50	10.60	83.90	1.00	0.00	-0.1	0.0	0.0	
GM35	21/07/20	Outside	0.1	1021	6.530	90	**1.0**	**5.9**	0.00	4.70	0.00	4.70	16.00	79.30	2.00	1.00	-0.02	0.0	0.0	
GM36	21/07/20	Outside	0.0	1022	9.000	90	**1.0**	**5.9**	0.00	9.90	0.00	9.90	6.70	83.40	2.00	2.00	0	0.0	0.0	
GM37	21/07/20	Outside	0.0	1021	7.650	90	**1.0**	**5.9**	0.00	11.10	0.00	11.10	7.50	81.40	2.00	1.00	-0.03	0.0	0.0	
GM38	21/07/20	Outside					**1.0**	**5.9**												GasfluX
GM39	21/07/20	Outside	0.0	1022	9.400	90	**1.0**	**5.9**	0.00	0.40	0.00	0.40	21.30	78.30	2.00	1.00	0.03	0.0	0.0	
GM40	21/07/20	Outside	0.0	1022	9.200	90	**1.0**	**5.9**	0.00	0.70	0.00	0.70	21.30	78.00	2.00	1.00	0.03	0.0	0.0	
GM41	21/07/20	Outside	0.0	1021	9.290	90	**1.0**	**5.9**	0.00	10.10	0.00	10.10	12.60	77.30	3.00	1.00	0.02	0.0	0.0	
GM42	21/07/20	Outside	0.0	1021	10.600	90	**1.0**	**5.9**	0.00	17.50	0.00	17.50	8.50	74.00	2.00	2.00	-0.02	0.0	0.0	
GM43	21/07/20	Outside	0.0	1020	--	90	**1.0**	**5.9**	0.00	4.40	0.00	4.40	17.70	77.90	2.00	1.00	-0.05	0.0	0.0	Well Dry
GM44	21/07/20	Outside					**1.0**	**5.9**												GasfluX

Spot Monitoring (GFM430)
29th July 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	29/07/20	Outside	0.3	1006	-	90	**1.0**	**5.7**	0.0	0.4	0.0	0.4	19.3	80.3	0	0	0.0	0.0	0.0	Well Blocked
GM20	29/07/20	Outside			-		**1.0**	**11.8**												GasfluX
GM21	29/07/20	Inside	0.5	1004	-	90	**1.0**	**5.7**	0.0	0.1	0.0	0.1	20.8	79.1	0	0	0.0	0.0	0.0	Well Blocked at 0.4
GM22	29/07/20	Inside	0.1	1003	5.420	90	--	**22.6**	56.9	27.5	56.9	27.5	0	15.6	1	0	1.0	0.0	0.0	Water levels not applicable inside landfill
GM23	29/07/20	Outside	0.2	1005		90	**1.0**	**11.3**	0.0	1.9	0.0	1.9	18.5	79.6	2	0	0.0	0.0	0.0	Well Blocked at 0.6
GM25	29/07/20	Outside	0.4	1001	9.030	90	**1.0**	**15.9**	0.0	16.6	0.0	16.6	0.9	82.5	0	0	0.0	0.0	0.0	
GM26	29/07/20	Outside	0.3	1002	7.740	90	**1.0**	**18.7**	0.0	11.4	0.0	11.4	13	75.6	1	0	0.0	0.0	0.0	
GM27	29/07/20	Outside	0.1	1001	9.850	90	**1.0**	**17.7**	0.0	16.8	0.0	16.8	2	81.2	1	0	0.0	0.0	0.0	
GM28	29/07/20	Inside	0.0	1001	7.310	90	**1.0**	**21.2**	0.0	11.6	0.0	11.6	19.1	69.3	0	0	0.0	0.0	0.0	Water levels not applicable inside landfill
GM29	29/07/20	Inside	0.1	1002	-	90	**1.0**	**14.4**	13.7	17	13.7	17	0.1	69.2	2	0	0.0	0.0	0.0	Water levels not applicable inside landfill
GM30	29/07/20	Outside	0.0	1002	-	90	**1.0**	**5.7**	0.0	2.8	0.0	2.8	7.5	89.7	0	0	0.0	0.0	0.0	Well Dry
GM31	29/07/20	Outside	0.2	1003	7.870	90	**1.0**	**14.0**	0.0	4.4	0.0	4.4	12.9	82.7	0	0	0.0	0.0	0.0	
GM32	29/07/20	Outside	47.1	1002	NA	90	**1.0**	**5.7**	0.0	0.6	0.0	0.6	17.8	81.6	2	0	5.4	0.0	0.0	
GM33	29/07/20	Outside	0.2	1005	5.820	90	**1.0**	**5.7**	0.0	3.8	0.0	3.8	13.8	82.4	1	0	0.0	0.0	0.0	
GM34	29/07/20	Outside	0.3	1004	5.660	90	**1.0**	**5.7**	0.0	4.6	0.0	4.6	11.4	84.0	1	1	0.0	0.0	0.0	
GM35	29/07/20	Outside	0.3	1003	6.120	90	**1.0**	**5.7**	0.0	1.6	0.0	1.6	19.1	79.3	1	1	0.0	0.0	0.0	
GM36	29/07/20	Outside	0.4	1002	8.330	90	**1.0**	**5.7**	0.0	9.8	0.0	9.8	6.5	83.7	1	0	0.0	0.0	0.0	
GM37	29/07/20	Outside	0.0	1001	7.540	90	**1.0**	**5.7**	0.0	11.9	0.0	11.9	10.6	77.5	0	0	0.0	0.0	0.0	
GM38	29/07/20	Outside					**1.0**	**5.7**												GasfluX
GM39	29/07/20	Outside	0.2	1004	9.360	90	**1.0**	**5.7**	0.0	0.3	0.0	0.3	20.5	79.2	0	0	0.0	0.0	0.0	
GM40	29/07/20	Outside	0.0	1002	9.130	90	**1.0**	**5.7**	0.0	0.7	0.0	0.7	20.5	78.8	0	0	0.0	0.0	0.0	
GM41	29/07/20	Outside	0.1	1002	9.290	90	**1.0**	**5.7**	0.0	0.8	0.0	0.8	12.3	86.9	1	0	0.0	0.0	0.0	
GM42	29/07/20	Outside	0.0	1002	10.390	90	**1.0**	**5.7**	0.0	16.1	0.0	16.1	7.5	76.4	0	0	0.0	0.0	0.0	
GM43	29/07/20	Outside	0.0	1002	-	90	**1.0**	**5.7**	0.0	4.2	0.0	4.2	16.6	79.2	0	0	0.0	0.0	0.0	Well Dry
GM44	29/07/20	Outside					**1.0**	**5.7**												GasfluX

Spot Monitoring (GFM430)
4th August 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v												
GM18	4/08/20	Outside	0.0	1008	--	90	**1.0**	**6.3**	0.0	1.30	0.00	1.30	18.40	80.30	1.00	0.00	0.0	0.0	0.0	Well Blocked at 0.7m
GM20	4/08/20	Outside					**1.0**	**11.8**												GasfluX
GM21	4/08/20	Inside	0.0	1006	--	90	**1.0**	**6.3**	0.0	2.00	0.00	2.00	15.30	82.70	0.00	0.00	0.0	0.0	0.0	Well Blocked at 0.4m
GM22	4/08/20	Inside	0.5	1005	5.600	90	--	**22.6**	55.1	27.80	55.10	27.80	0.00	17.10	0.00	0.00	0.2	0.0	0.0	Water levels not applicable inside landfill
GM23	4/08/20	Outside	0.0	1005	--	90	**1.0**	**11.3**	0.0	1.50	0.00	1.50	19.40	79.10	0.00	0.00	0.0	0.0	0.0	Well Blocked at 0.6m
GM25	4/08/20	Outside	0.0	1005	9.480	90	**1.0**	**15.9**	0.0	17.50	0.00	17.50	1.10	81.40	0.00	0.00	0.0	0.0	0.0	
GM26	4/08/20	Outside	0.0	1005	7.580	90	**1.0**	**18.7**	0.0	6.40	0.00	6.40	15.20	78.40	0.00	0.00	0.0	0.0	0.0	
GM27	4/08/20	Outside	0.0	1004	9.920	90	**1.0**	**17.7**	0.0	18.10	0.00	18.10	2.10	79.80	1.00	0.00	0.0	0.0	0.0	
GM28	4/08/20	Inside	0.0	1005	7.300	90	**1.0**	**21.2**	0.0	15.80	0.00	15.80	1.20	83.00	1.00	0.00	0.0	0.0	0.0	Water levels not applicable inside landfill
GM29	4/08/20	Inside	0.0	1005	9.230	90	**1.0**	**14.4**	13.1	18.10	13.10	18.10	0.00	68.80	2.00	0.00	0.0	0.0	0.0	Water levels not applicable inside landfill
GM30	4/08/20	Outside	0.0	1005	--	90	**1.0**	**6.3**	0.0	4.80	0.00	4.80	11.50	83.70	1.00	0.00	0.0	0.0	0.0	Well Blocked at 0.3m
GM31	4/08/20	Outside	0.0	1005	7.950	90	**1.0**	**14.0**	0.0	2.70	0.00	2.70	17.60	79.70	2.00	1.00	0.0	0.0	0.0	
GM32	4/08/20	Outside	0.0	1004	--	90	**1.0**	**6.3**	0.0	1.50	0.00	1.50	16.70	81.80	1.00	0.00	0.0	0.0	0.0	Well Dry
GM33	4/08/20	Outside	0.0	1007	5.840	90	**1.0**	**6.3**	0.0	7.10	0.00	7.10	3.70	89.20	0.00	0.00	0.0	0.0	0.0	
GM34	4/08/20	Outside	0.0	1007	5.830	90	**1.0**	**6.3**	0.0	12.40	0.00	12.40	1.70	85.90	0.00	1.00	0.0	0.0	0.0	
GM35	4/08/20	Outside	0.0	1007	6.320	90	**1.0**	**6.3**	0.0	10.20	0.00	10.20	7.20	82.60	0.00	0.00	0.0	0.0	0.0	
GM36	4/08/20	Outside	0.0	1003	8.480	90	**1.0**	**6.3**	0.0	12.80	0.00	12.80	1.10	86.10	0.00	3.00	0.0	0.0	0.0	
GM37	4/08/20	Outside	0.0	1005	7.560	90	**1.0**	**6.3**	0.0	12.60	0.00	12.60	5.00	82.40	1.00	1.00	0.0	0.0	0.0	
GM38	4/08/20	Outside					**1.0**	**6.3**												GasfluX
GM39	4/08/20	Outside	0.0	1007	NE	90	**1.0**	**6.3**	0.0	8.40	0.00	8.40	7.70	83.90	0.00	0.00	0.0	0.0	0.0	Dipper Out of Battery
GM40	4/08/20	Outside	0.0	1007	NE	90	**1.0**	**6.3**	0.0	12.10	0.00	12.10	9.20	78.70	1.00	1.00	0.0	0.0	0.0	Dipper Out of Battery
GM41	4/08/20	Outside	0.0	1003	NE	90	**1.0**	**6.3**	0.0	17.90	0.00	17.90	4.40	77.70	1.00	1.00	0.0	0.0	0.0	Dipper Out of Battery
GM42	4/08/20	Outside	0.0	1003	NE	90	**1.0**	**6.3**	0.0	16.90	0.00	16.90	6.30	76.80	1.00	1.00	0.0	0.0	0.0	Dipper Out of Battery
GM43	4/08/20	Outside	0.0	1003	NE	90	**1.0**	**6.3**	0.0	4.80	0.00	4.80	16.60	78.60	2.00	1.00	0.0	0.0	0.0	Historically Dry
GM44	4/08/20	Outside				90	**1.0**	**6.3**												GasfluX

Spot Monitoring (GFM430)
7th August 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	7/08/20	Outside	0.0	1012	--	90	**1.0**	**5.6**	0.0	1.60	0.0	1.60	18.90	79.5	0.0	0.0	0.00	0.0	0.0	Well Blocked at 0.7m
GM20	7/08/20	Outside			4.520		**1.0**	**11.8**												GasfluX
GM21	7/08/20	Inside	0.0	1012	--	90	**1.0**	**5.6**	0.0	2.90	0.0	2.90	15.50	81.6	0.0	0.0	0.00	0.0	0.0	Well Blocked at 0.4m
GM22	7/08/20	Inside	0.0	1012	5.650	90	--	**22.6**	57.3	29.60	57.3	29.60	0.00	13.1	0.0	0.0	0.00	0.0	0.0	Water levels not applicable inside landfill
GM23	7/08/20	Outside	0.0	1011	--	90	**1.0**	**11.3**	0.0	0.90	0.0	0.90	19.70	79.4	0.0	0.0	0.00	0.0	0.0	Well Blocked at 0.6m
GM25	7/08/20	Outside	0.0	1010	9.620	90	**1.0**	**15.9**	0.0	18.60	0.0	18.60	1.30	80.1	0.0	0.0	0.00	0.0	0.0	
GM26	7/08/20	Outside	0.0	1011	7.600	90	**1.0**	**18.7**	0.0	3.50	0.0	3.50	17.50	79.0	0.0	0.0	0.00	0.0	0.0	
GM27	7/08/20	Outside	0.0	1011	9.950	90	**1.0**	**17.7**	0.0	19.50	0.0	19.50	1.90	78.6	0.0	0.0	0.00	0.0	0.0	
GM28	7/08/20	Inside	-0.4	1010	7.540	90	**1.0**	**21.2**	1.9	19.20	1.9	19.20	0.00	78.9	0.0	0.0	-0.01	0.0	0.0	Water levels not applicable inside landfill
GM29	7/08/20	Inside	0.0	1010	9.240	90	**1.0**	**14.4**	14.0	19.50	14.0	19.50	0.00	66.5	1.0	1.0	0.00	0.0	0.0	Water levels not applicable inside landfill
GM30	7/08/20	Outside	0.0	1010	--	90	**1.0**	**5.6**	0.0	8.40	0.0	8.40	8.60	83.0	0.0	0.0	0.00	0.0	0.0	Well Blocked at 0.3m
GM31	7/08/20	Outside	0.0	1010	8.010	90	**1.0**	**14.0**	0.0	7.30	0.0	7.30	11.40	81.3	1.0	1.0	0.00	0.0	0.0	
GM32	7/08/20	Outside	0.0	1010	7.360	90	**1.0**	**5.6**	0.0	2.30	0.0	2.30	18.60	79.1	0.0	0.0	0.00	0.0	0.0	
GM33	7/08/20	Outside	0.0	1012	5.840	90	**1.0**	**5.6**	0.0	6.80	0.0	6.80	5.80	87.4	0.0	0.0	0.00	0.0	0.0	
GM34	7/08/20	Outside	0.0	1012	5.810	90	**1.0**	**5.6**	0.0	7.10	0.0	7.10	6.30	86.6	0.0	0.0	0.00	0.0	0.0	
GM35	7/08/20	Outside	0.0	1012	6.400	90	**1.0**	**5.6**	0.0	5.40	0.0	5.40	14.80	79.8	0.0	0.0	0.00	0.0	0.0	
GM36	7/08/20	Outside	0.2	1012	8.700	90	**1.0**	**5.6**	0.0	12.70	0.0	12.70	2.90	84.4	0.0	1.0	0.00	0.0	0.0	
GM37	7/08/20	Outside	0.0	1011	7.600	90	**1.0**	**5.6**	0.0	13.50	0.0	13.50	5.00	81.5	0.0	0.0	0.00	0.0	0.0	
GM38	7/08/20	Outside			10.960		**1.0**	**5.6**												GasfluX
GM39	7/08/20	Outside	0.8	1010	9.300	90	**1.0**	**5.6**	0.0	0.80	0.0	0.80	19.90	79.3	1.0	1.0	0.03	0.0	0.0	
GM40	7/08/20	Outside	0.4	1010	9.200	90	**1.0**	**5.6**	0.0	3.00	0.0	3.00	18.20	78.8	1.0	1.0	0.01	0.0	0.0	
GM41	7/08/20	Outside	0.0	1010	9.290	90	**1.0**	**5.6**	0.0	14.90	0.0	14.90	7.70	77.4	0.0	0.0	0.00	0.0	0.0	
GM42	7/08/20	Outside	0.0	1010	10.500	90	**1.0**	**5.6**	0.0	16.80	0.0	16.80	7.20	76.0	0.0	0.0	0.00	0.0	0.0	
GM43	7/08/20	Outside	0.0	1010	--	90	**1.0**	**5.6**	0.0	4.10	0.0	4.10	16.80	79.1	0.0	0.0	0.00	0.0	0.0	Well Dry
GM44	7/08/20	Outside			6.230		**1.0**	**5.6**												GasfluX

Spot Monitoring (GA5000)
7th July 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	7/07/20	Outside	0.20	1021	--	90	**1.0**	**5.5**	0.00	1.30	0.00	1.30	19.10	79.60	0.00	0.00	-0.02	0.00	0.00	
GM20	7/07/20	Outside			4.650	90	**1.0**	**11.8**												GasfluX
GM21	7/07/20	Inside	0.00	1021	--	90	**1.0**	**5.5**	0.00	3.60	0.00	0.10	20.90	79.00	0.00	0.00	-0.08	0.00	0.00	Water levels not applicable inside landfill
GM22	7/07/20	Inside	0.00	1021	5.700	90	--	**22.6**	52.10	27.90	52.10	27.90	0.00	20.00	0.00	0.00	-0.02	0.00	0.00	Water levels not applicable inside landfill
GM23	7/07/20	Outside	0.10	1022	--	90	**1.0**	**11.3**	0.60	4.80	0.00	1.20	19.20	79.60	0.00	0.00	-0.11	0.00	0.00	
GM25	7/07/20	Outside	0.00	1022	9.700	90	**1.0**	**15.9**	0.10	17.50	0.00	17.50	2.00	80.50	0.00	0.00	-8.31	0.00	0.00	
GM26	7/07/20	Outside	0.00	1022	7.680	90	**1.0**	**18.7**	0.00	15.00	0.00	5.50	16.20	78.30	0.00	0.00	-3.77	0.00	0.00	
GM27	7/07/20	Outside	0.20	1022	10.030	90	**1.0**	**17.7**	0.10	5.70	0.00	2.50	18.40	79.10	0.00	0.00	0.59	0.00	0.00	
GM28	7/07/20	Inside	1.70	1020	8.340	90	**1.0**	**21.2**	0.00	14.10	0.00	14.10	8.10	77.80	0.00	0.00	-0.16	0.00	0.00	Water levels not applicable inside landfill
GM29	7/07/20	Inside	0.20	1021	--	90	**1.0**	**14.4**	13.70	18.10	13.60	18.10	0.00	68.30	0.00	0.00	0.24	0.00	0.00	Water levels not applicable inside landfill
GM30	7/07/20	Outside	0.00	1020	--	90	**1.0**	**5.5**	0.50	7.90	0.00	7.90	12.10	80.00	0.00	0.00	0.08	0.00	0.00	
GM31	7/07/20	Outside	0.00	1020	8.400	90	**1.0**	**14.0**	0.30	7.50	0.00	4.50	16.70	78.80	0.00	0.00	-0.06	0.00	0.00	
GM32	7/07/20	Outside	0.00	1020	7.580	90	**1.0**	**5.5**	0.00	3.00	0.00	0.90	20.10	79.00	0.00	0.00	-0.03	0.00	0.00	
GM33	7/07/20	Outside	0.00	1021	5.950	90	**1.0**	**5.5**	0.00	4.40	0.00	4.40	11.70	83.90	0.00	0.00	-0.12	0.00	0.00	
GM34	7/07/20	Outside	0.10	1021	6.040	90	**1.0**	**5.5**	0.00	5.10	0.00	5.10	10.00	84.90	0.00	0.00	-0.03	0.00	0.00	
GM35	7/07/20	Outside	0.00	1022	6.480	90	**1.0**	**5.5**	0.00	5.10	0.00	5.10	13.90	81.00	0.00	0.00	0.01	0.00	0.00	
GM36	7/07/20	Outside	0.00	1022	9.000	90	**1.0**	**5.5**	0.20	3.30	0.00	3.30	7.10	89.60	0.00	0.00	0.13	0.00	0.00	
GM37	7/07/20	Outside	0.00	1022	7.680	90	**1.0**	**5.5**	0.00	6.80	0.00	6.80	11.50	81.70	0.00	0.00	0.29	0.00	0.00	
GM38	7/07/20	Outside	0.00	1021	11.370	90	**1.0**	**5.5**	5.20	10.10	5.10	10.10	4.30	80.50	0.00	0.00	0.10	0.00	0.00	
GM39	7/07/20	Outside			9.480	90	**1.0**	**5.5**												GasfluX
GM40	7/07/20	Outside	0.10	1020	9.290	90	**1.0**	**5.5**	0.00	6.70	0.00	6.70	16.10	77.20	0.00	0.00	-0.07	0.00	0.00	
GM41	7/07/20	Outside	0.00	1020	9.310	90	**1.0**	**5.5**	0.00	7.50	0.00	7.50	13.40	79.10	0.00	0.00	-0.10	0.00	0.00	
GM42	7/07/20	Outside	0.00	1020	10.600	90	**1.0**	**5.5**	0.00	17.10	0.00	17.10	5.90	77.00	0.00	0.00	-0.20	0.00	0.00	
GM43	7/07/20	Outside	0.00	1018	--	90	**1.0**	**5.5**	0.00	4.00	0.00	4.00	17.20	78.80	0.00	0.00	-0.13	0.00	0.00	
GM44	7/07/20	Outside			6.370		**1.0**	**5.5**											--	GasfluX

Spot Monitoring (GA5000)
14th July 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	14/07/20	Outside	0.0	1008	--	90	**1.0**	**6.2**	0.00	1.90	0.00	1.90	17.70	80.40	0.00	0.00	0.02	0.00	0.00	
GM20	14/07/20	Outside			4.590		**1.0**	**11.8**												GasfluX
GM21	14/07/20	Inside	0.0	1008	--	90	**1.0**	**6.2**	0.00	5.20	0.00	0.10	20.30	79.60	0.00	0.00	-0.11	0.00	0.00	Water levels not applicable inside landfill
GM22	14/07/20	Inside	0.0	1009	5.650	90	--	**22.6**	51.10	26.80	51.10	26.80	0.40	21.70	0.00	0.00	-0.63	0.00	0.00	Water levels not applicable inside landfill
GM23	14/07/20	Outside	0.1	1011	--	90	**1.0**	**11.3**	4.70	3.10	0.00	1.30	19.00	79.70	0.00	0.00	0.03	0.00	0.00	
GM25	14/07/20	Outside	1.1	1010	9.650	90	**1.0**	**15.9**	0.20	17.50	0.00	17.50	1.80	80.70	0.00	0.00	-12.67	0.00	0.00	
GM26	14/07/20	Outside	0.7	1009	7.600	90	**1.0**	**18.7**	0.40	11.00	0.00	11.00	12.30	76.70	0.00	0.00	-7.25	0.00	0.00	
GM27	14/07/20	Outside	1.3	1009	10.010	90	**1.0**	**17.7**	0.10	12.70	0.00	12.70	9.10	78.20	0.00	0.00	-0.10	0.00	0.00	
GM28	14/07/20	Inside	-3.6	1009	8.360	90	**1.0**	**21.2**	0.00	14.70	0.00	14.70	7.10	78.20	0.00	0.00	-0.26	0.00	0.00	Water levels not applicable inside landfill
GM29	14/07/20	Inside	1.8	1009	--	90	**1.0**	**14.4**	13.20	17.90	13.20	17.90	0.00	68.90	0.00	0.00	0.05	0.00	0.00	Water levels not applicable inside landfill
GM30	14/07/20	Outside	2.8	1009	--	90	**1.0**	**6.2**	0.20	8.90	0.00	8.90	11.10	80.00	0.00	0.00	-0.18	0.00	0.00	
GM31	14/07/20	Outside	-1.8	1009	8.340	90	**1.0**	**14.0**	0.40	9.10	0.00	9.10	12.90	78.00	0.00	0.00	-0.07	0.00	0.00	
GM32	14/07/20	Outside	1.9	1007	7.500	90	**1.0**	**6.2**	0.20	5.40	0.00	5.40	17.10	77.50	0.00	0.00	-9.68	0.00	0.00	
GM33	14/07/20	Outside	0.0	1008	5.880	90	**1.0**	**6.2**	0.00	6.40	0.00	6.20	8.00	85.80	0.00	0.00	-0.05	0.00	0.00	
GM34	14/07/20	Outside	0.0	1009	5.970	90	**1.0**	**6.2**	0.10	8.70	0.10	8.50	6.60	84.80	0.00	0.00	-0.09	0.00	0.00	
GM35	14/07/20	Outside	0.2	1009	6.420	90	**1.0**	**6.2**	0.10	7.80	0.00	7.70	11.00	81.30	0.00	0.00	-0.01	0.00	0.00	
GM36	14/07/20	Outside	2.7	1010	8.900	90	**1.0**	**6.2**	1.10	8.80	0.00	8.80	3.70	87.50	0.00	0.00	-0.31	0.00	0.00	
GM37	14/07/20	Outside	1.6	1009	7.600	90	**1.0**	**6.2**	0.00	9.50	0.00	9.50	8.60	81.90	0.00	0.00	-0.44	0.00	0.00	
GM38	14/07/20	Outside			11.300		**1.0**	**6.2**												GasfluX
GM39	14/07/20	Outside	0.0	1009	9.380	90	**1.0**	**6.2**	0.10	1.90	0.00	1.80	19.70	78.50	0.00	0.00	-0.13	0.00	0.00	
GM40	14/07/20	Outside	0.3	1009	9.250	90	**1.0**	**6.2**	0.10	4.80	0.00	4.70	18.40	76.90	0.00	0.00	0.03	0.00	0.00	
GM41	14/07/20	Outside	0.2	1009	9.230	90	**1.0**	**6.2**	0.00	11.70	0.00	11.60	10.20	78.20	0.00	0.00	-0.26	0.00	0.00	
GM42	14/07/20	Outside	0.0	1009	10.520	90	**1.0**	**6.2**	0.10	17.80	0.00	17.80	6.60	75.60	0.00	0.00	-0.03	0.00	0.00	
GM43	14/07/20	Outside	0.0	1006	--	90	**1.0**	**6.2**	0.00	4.70	0.00	4.70	16.80	78.50	0.00	0.00	-0.09	0.00	0.00	
GM44	14/07/20	Outside			6.300		**1.0**	**6.2**												GasfluX

Spot Monitoring (GA5000)
21st July 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	21/07/20	Outside	0.0	1022	--	90	**1.0**	**5.9**	0.00	1.70	0.00	1.70	19.50	78.80	0.00	0.00	--	0.0	0.0	
GM20	21/07/20	Outside					**1.0**	**11.8**												GasfluX
GM21	21/07/20	Inside	0.0	1022	--	90	**1.0**	**5.9**	0.00	5.50	0.00	0.10	20.70	79.20	0.00	2.00	-0.19	0.0	0.0	Water levels not applicable inside landfill
GM22	21/07/20	Inside	0.0	1022	5.740	90	--	**22.6**	44.60	24.90	44.60	24.90	2.00	28.50	1.00	3.00	-0.40	0.0	0.0	Water levels not applicable inside landfill
GM23	21/07/20	Outside	0.1	1022	--	90	**1.0**	**11.3**	0.50	1.90	0.00	1.90	19.50	78.60	0.00	2.00	0.02	0.0	0.0	
GM25	21/07/20	Outside	0.0	1021	9.790	90	**1.0**	**15.9**	0.20	18.40	0.00	18.00	2.10	79.90	1.00	2.00	0.03	0.0	0.0	
GM26	21/07/20	Outside	0.0	1021	7.720	90	**1.0**	**18.7**	0.10	11.40	0.00	11.30	13.10	75.60	1.00	1.00	0.09	0.0	0.0	
GM27	21/07/20	Outside	0.0	1021	9.850	90	**1.0**	**17.7**	0.10	16.70	0.00	16.60	5.80	77.60	1.00	2.00	0.00	0.0	0.0	
GM28	21/07/20	Inside	0.1	1019	8.420	90	**1.0**	**21.2**	0.00	12.70	0.00	12.60	9.70	77.70	1.00	3.00	-0.03	0.0	0.0	Water levels not applicable inside landfill
GM29	21/07/20	Inside	0.1	1022	9.190	90	**1.0**	**14.4**	12.60	18.30	12.60	18.30	0.30	68.80	1.00	3.00	0.19	0.0	0.0	Water levels not applicable inside landfill
GM30	21/07/20	Outside	0.0	1021	--	90	**1.0**	**5.1**	0.10	8.40	0.00	8.30	13.30	78.40	2.00	2.00	0.07	0.0	0.0	
GM31	21/07/20	Outside	0.0	1021	8.440	90	**1.0**	**14.0**	0.20	10.00	0.00	10.00	12.60	77.40	1.00	2.00	0.00	0.0	0.0	
GM32	21/07/20	Outside	0.0	1021	7.750	90	**1.0**	**5.9**	0.00	7.00	0.00	6.90	16.60	76.50	2.00	2.00	-0.03	0.0	0.0	
GM33	21/07/20	Outside	0.0	1022	5.940	90	**1.0**	**5.9**	0.00	3.90	0.00	3.90	14.40	81.70	0.00	1.00	-0.03	0.0	0.0	
GM34	21/07/20	Outside	0.0	1021	6.050	90	**1.0**	**5.9**	0.00	5.50	0.00	5.50	10.60	83.90	0.00	1.00	-0.10	0.0	0.0	
GM35	21/07/20	Outside	0.1	1021	6.530	90	**1.0**	**5.9**	0.40	4.70	0.00	4.70	16.00	79.30	0.00	2.00	-0.02	0.0	0.0	
GM36	21/07/20	Outside	0.0	1022	9.000	90	**1.0**	**5.9**	0.30	10.00	0.00	9.80	6.80	83.40	1.00	2.00	0.00	0.0	0.0	
GM37	21/07/20	Outside	0.0	1021	7.650	90	**1.0**	**5.9**	0.00	11.10	0.00	11.10	7.50	81.40	1.00	2.00	-0.03	0.0	0.0	
GM38	21/07/20	Outside					**1.0**	**5.9**												GasfluX
GM39	21/07/20	Outside	0.0	1022	9.400	90	**1.0**	**5.9**	0.10	0.70	0.00	0.40	21.30	78.30	2.00	2.00	0.03	0.0	0.0	
GM40	21/07/20	Outside	0.0	1022	9.200	90	**1.0**	**5.9**	0.00	0.70	0.00	0.70	21.30	78.00	1.00	2.00	0.05	0.0	0.0	
GM41	21/07/20	Outside	0.0	1021	9.290	90	**1.0**	**5.9**	0.00	10.10	0.00	10.10	12.60	77.30	1.00	3.00	0.02	0.0	0.0	
GM42	21/07/20	Outside	0.0	1021	10.600	90	**1.0**	**5.9**	0.00	17.50	0.00	17.50	8.50	74.00	2.00	2.00	-0.02	0.0	0.0	
GM43	21/07/20	Outside	0.0	1020	--	90	**1.0**	**5.9**	0.00	4.40	0.00	4.40	17.70	77.90	1.00	2.00	-0.05	0.0	0.0	
GM44	21/07/20	Outside					**1.0**	**5.9**												GasfluX

Spot Monitoring (GA5000)
29th July 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	29/07/20	Outside	0.3	1011	--	90	**1.0**	**5.9**	0.00	0.50	0.00	0.50	19.30	80.20	0.00	0.00	0.22	0.0	0.0	
GM20	29/07/20	Outside					**1.0**	**11.8**												GasfluX
GM21	29/07/20	Inside	0.5	1012	--	90	**1.0**	**5.9**	0.00	0.30	0.00	0.30	20.50	79.20	1.00	1.00	-2.46	0.0	0.0	Water levels not applicable inside landfill
GM22	29/07/20	Inside	0.1	1012	5.420	90	--	**22.6**	56.90	28.10	56.70	28.00	0.20	15.10	1.00	1.00	-0.19	0.0	0.0	Water levels not applicable inside landfill
GM23	29/07/20	Outside	0.2	1012		90	**1.0**	**11.3**	1.40	1.90	0.00	1.20	19.20	79.60	1.00	2.00	-0.33	0.0	0.0	
GM25	29/07/20	Outside	0.4	1012	9.030	90	**1.0**	**15.9**	0.00	16.80	0.00	16.80	2.70	80.50	1.00	3.00	-0.40	0.0	0.0	
GM26	29/07/20	Outside	0.3	1011	7.740	90	**1.0**	**18.7**	0.10	11.80	0.00	11.80	11.70	76.50	1.00	2.00	-0.40	0.0	0.0	
GM27	29/07/20	Outside	0.1	1011	9.850	90	**1.0**	**17.7**	0.00	18.40	0.00	18.40	3.20	78.40	1.00	3.00	-0.79	0.0	0.0	
GM28	29/07/20	Inside	0.0	1011	7.310	90	**1.0**	**21.2**	0.40	12.40	0.00	12.40	6.40	81.20	1.00	3.00	0.02	0.0	0.0	Water levels not applicable inside landfill
GM29	29/07/20	Inside	0.1	1011	--	90	**1.0**	**14.4**	15.60	18.60	15.60	18.60	0.10	65.70	1.00	12.00	-0.41	0.0	0.0	Water levels not applicable inside landfill
GM30	29/07/20	Outside	0.0	1011	--	90	**1.0**	**5.9**	14.50	17.80	0.00	2.20	8.10	89.70	0.00	3.00	0.05	0.0	0.0	
GM31	29/07/20	Outside	0.2	1012	7.870	90	**1.0**	**14.0**	0.40	4.70	0.00	4.70	11.90	83.40	1.00	3.00	-2.80	0.0	0.0	
GM32	29/07/20	Outside	47.1*	1012	--	90	**1.0**	**5.9**	0.40	5.00	0.00	0.60	15.80	83.60	2.00	3.00	-6.81	0.0	0.0	
GM33	29/07/20	Outside	0.2	1011	5.820	90	**1.0**	**5.9**	0.00	4.30	0.00	4.30	13.10	82.60	1.00	0.00	-0.03	0.0	0.0	
GM34	29/07/20	Outside	0.3	1012	5.660	90	**1.0**	**5.9**	0.10	5.30	0.00	5.30	11.70	83.00	0.00	1.00	-0.14	0.0	0.0	
GM35	29/07/20	Outside	0.3	1012	6.120	90	**1.0**	**5.9**	0.00	1.90	0.00	1.90	19.10	79.00	0.00	1.00	-0.07	0.0	0.0	
GM36	29/07/20	Outside	0.4	1012	8.330	90	**1.0**	**5.9**	2.60	10.90	0.00	10.90	6.40	82.70	3.00	2.00	-0.19	0.0	0.0	
GM37	29/07/20	Outside	0.0	1011	7.540	90	**1.0**	**5.9**	0.20	12.60	0.00	12.60	6.00	81.40	1.00	3.00	-0.57	0.0	0.0	
GM38	29/07/20	Outside					**1.0**	**5.9**												GasfluX
GM39	29/07/20	Outside	0.2	1012	9.360	90	**1.0**	**5.9**	0.30	1.60	0.00	0.40	20.70	78.90	1.00	3.00	0.02	0.0	0.0	
GM40	29/07/20	Outside	0.0	1012	9.130	90	**1.0**	**5.9**	0.20	1.20	0.00	0.70	20.30	79.00	1.00	3.00	-0.02	0.0	0.0	
GM41	29/07/20	Outside	0.1	1012	9.290	90	**1.0**	**5.9**	0.00	9.60	0.00	9.60	12.00	78.40	1.00	3.00	-0.07	0.0	0.0	
GM42	29/07/20	Outside	0.0	1012	10.390	90	**1.0**	**5.9**	0.00	17.20	0.00	17.20	8.00	74.80	1.00	3.00	-0.07	0.0	0.0	
GM43	29/07/20	Outside	0.0	1012	--	90	**1.0**	**5.9**	0.10	13.80	0.00	4.40	16.80	78.80	1.00	3.00	5.64	0.0	0.0	
GM44	29/07/20	Outside					**1.0**	**5.9**												GasfluX

Spot Monitoring (GA5000)
4th August 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	4/08/20	Outside	0.0	1013	--	90	**1.0**	**6.4**	0.00	1.60	0.00	1.60	18.70	79.70	0.00	0.00	0.09	0.0	0.0	
GM20	4/08/20	Outside					**1.0**	**11.8**												GasfluX
GM21	4/08/20	Inside	0.0	1013	--	90	**1.0**	**6.4**	0.20	11.10	0.00	2.30	16.00	81.70	0.00	1.00	-0.17	0.0	0.0	Water levels not applicable inside landfill
GM22	4/08/20	Inside	0.5	1013	5.600	90	--	**22.6**	54.90	28.00	54.90	27.90	0.10	17.10	1.00	1.00	-0.05	0.0	0.0	Water levels not applicable inside landfill
GM23	4/08/20	Outside	0.0	1014	--	90	**1.0**	**11.3**	1.30	1.20	0.00	0.00	8.80	91.20	0.00	2.00	-0.22	0.0	0.0	
GM25	4/08/20	Outside	0.0	1014	9.480	90	**1.0**	**15.9**	0.70	17.20	0.00	17.20	2.60	80.20	0.00	2.00	-0.05	0.0	0.0	
GM26	4/08/20	Outside	0.0	1014	7.580	90	**1.0**	**18.7**	0.40	15.00	0.00	6.00	16.10	77.90	1.00	2.00	-0.10	0.0	0.0	
GM27	4/08/20	Outside	0.0	1014	9.920	90	**1.0**	**17.7**	0.30	18.40	0.00	18.40	3.00	78.60	1.00	2.00	-0.24	0.0	0.0	
GM28	4/08/20	Inside	0.0	1014	7.300	90	**1.0**	**21.2**	0.30	16.30	0.00	16.10	2.00	81.90	1.00	3.00	-0.15	0.0	0.0	Water levels not applicable inside landfill
GM29	4/08/20	Inside	0.0	1014	9.230	90	**1.0**	**14.4**	14.40	18.30	14.40	18.30	0.00	67.30	2.00	4.00	-0.29	0.0	0.0	Water levels not applicable inside landfill
GM30	4/08/20	Outside	0.0	1012	--	90	**1.0**	**6.4**	0.00	5.90	0.00	5.90	11.20	82.90	1.00	3.00	-0.28	0.0	0.0	
GM31	4/08/20	Outside	0.0	1012	7.950	90	**1.0**	**14.0**	0.60	3.20	0.00	3.20	17.40	79.40	1.00	3.00	-0.12	0.0	0.0	
GM32	4/08/20	Outside	0.0	1012	--	90	**1.0**	**6.4**	0.40	4.00	0.00	1.50	17.30	81.20	1.00	3.00	-0.14	0.0	0.0	
GM33	4/08/20	Outside	0.0	1013	5.840	90	**1.0**	**6.4**	0.00	7.60	0.00	7.60	4.70	87.70	0.00	0.00	0.09	0.0	0.0	
GM34	4/08/20	Outside	0.0	1013	5.830	90	**1.0**	**6.4**	0.20	12.60	0.20	12.60	2.80	84.40	0.00	0.00	-0.05	0.0	0.0	
GM35	4/08/20	Outside	0.0	1013	6.320	90	**1.0**	**6.4**	0.10	10.60	0.10	10.60	8.30	81.00	0.00	1.00	-0.07	0.0	0.0	
GM36	4/08/20	Outside	0.0	1014	8.480	90	**1.0**	**6.4**	0.00	12.80	0.00	12.80	2.10	85.10	3.00	2.00	-0.43	0.0	0.0	
GM37	4/08/20	Outside	0.0	1014	7.560	90	**1.0**	**6.4**	0.00	15.70	0.00	12.50	5.90	81.60	1.00	3.00	-0.10	0.0	0.0	
GM38	4/08/20	Outside					**1.0**	**6.4**												GasfluX
GM39	4/08/20	Outside	0.0	1012	NE	90	**1.0**	**6.4**	0.30	8.90	0.00	8.90	8.20	82.90	1.00	3.00	-0.07	0.0	0.0	
GM40	4/08/20	Outside	0.0	1012	NE	90	**1.0**	**6.4**	0.10	12.20	0.00	12.10	10.00	77.90	1.00	3.00	-0.02	0.0	0.0	
GM41	4/08/20	Outside	0.0	1012	NE	90	**1.0**	**6.4**	0.10	18.10	0.00	18.10	5.40	76.50	1.00	3.00	-0.15	0.0	0.0	
GM42	4/08/20	Outside	0.0	1012	NE	90	**1.0**	**6.4**	0.00	17.30	0.00	16.90	7.20	75.90	1.00	3.00	-0.05	0.0	0.0	
GM43	4/08/20	Outside	0.0	1010	NE	90	**1.0**	**6.4**	0.00	4.90	0.00	4.90	16.70	78.40	1.00	3.00	-0.22	0.0	0.0	
GM44	4/08/20	Outside				90	**1.0**	**6.4**												GasfluX

Spot Monitoring (GA5000)
7th August 2020

Location	Date	Well Location inside /outside trench?	Flow	Barometric Pressure	Standing Water Level	Pump Duration	Criteria		Peak		Stabilised							Ambient Methane % v/v	Ambient CO2 % v/v	Comments
							CH_4 Criteria	CO_2 Criteria*	CH_4	CO_2	CH_4	CO_2	O_2	Balance	H_2S	CO	Relative Pressure			
			l/hr	mb	mBTOC	Sec		% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	mb			
GM18	4/08/20	Outside	0.0	1015	--	90	**1.0**	**5.7**	0.00	1.80	0.00	1.80	19.60	78.60	0.00	0.00	0.00	0.0	0.0	
GM20	4/08/20	Outside			4.520		**1.0**	**11.8**												GasfluX
GM21	4/08/20	Inside	0.0	1015	--	90	**1.0**	**5.7**	0.00	7.10	0.00	3.00	17.80	79.20	0.00	0.00	0.00	0.0	0.0	Water levels not applicable inside landfill
GM22	4/08/20	Inside	0.0	1015	5.650	90	--	**22.6**	48.80	26.00	46.10	24.90	2.10	26.90	0.00	0.00	-0.21	0.0	0.0	Water levels not applicable inside landfill
GM23	4/08/20	Outside	0.0	1017	--	90	**1.0**	**11.3**	0.70	1.10	0.00	0.80	22.30	76.90	0.00	0.00	0.09	0.0	0.0	
GM25	4/08/20	Outside	0.0	1017	9.620	90	**1.0**	**15.9**	0.50	16.20	0.50	14.80	6.00	78.70	0.00	0.00	-2.25	0.0	0.0	
GM26	4/08/20	Outside	0.0	1017	7.600	90	**1.0**	**18.7**	0.80	15.80	0.00	3.30	20.20	76.50	0.00	0.00	-0.10	0.0	0.0	
GM27	4/08/20	Outside	0.0	1017	9.950	90	**1.0**	**17.7**	0.50	18.90	0.00	18.80	3.10	78.10	0.00	0.00	-0.38	0.0	0.0	
GM28	4/08/20	Inside	-0.4	1017	7.540	90	**1.0**	**21.2**	1.90	18.40	1.90	18.30	0.00	79.80	1.00	0.00	0.05	0.0	0.0	Water levels not applicable inside landfill
GM29	4/08/20	Inside	0.0	1016	9.240	90	**1.0**	**14.4**	14.90	18.50	14.90	18.50	0.10	66.50	7.00	0.00	0.10	0.0	0.0	Water levels not applicable inside landfill
GM30	4/08/20	Outside	0.0	1015	--	90	**1.0**	**5.7**	0.20	8.40	0.00	8.40	10.50	81.10	0.00	0.00	0.07	0.0	0.0	
GM31	4/08/20	Outside	0.0	1015	8.010	90	**1.0**	**14.0**	0.10	7.40	0.00	7.30	13.60	79.10	0.00	0.00	-0.05	0.0	0.0	
GM32	4/08/20	Outside	0.0	1015	7.360	90	**1.0**	**5.7**	0.20	7.50	0.00	2.90	18.30	78.80	0.00	0.00	0.07	0.0	0.0	
GM33	4/08/20	Outside	0.0	1015	5.840	90	**1.0**	**5.7**	0.00	6.90	0.00	6.80	7.30	85.90	0.00	0.00	0.05	0.0	0.0	
GM34	4/08/20	Outside	0.0	1015	5.810	90	**1.0**	**5.7**	0.00	7.30	0.00	7.30	7.80	84.90	0.00	0.00	0.17	0.0	0.0	
GM35	4/08/20	Outside	0.0	1015	6.400	90	**1.0**	**5.7**	0.00	5.70	0.00	5.70	14.60	79.70	0.00	0.00	0.17	0.0	0.0	
GM36	4/08/20	Outside	0.2	1017	8.700	90	**1.0**	**5.7**	2.50	12.30	0.00	12.30	4.20	83.50	0.00	2.00	0.05	0.0	0.0	
GM37	4/08/20	Outside	0.0	1016	7.600	90	**1.0**	**5.7**	0.00	12.90	0.00	12.90	6.70	80.40	0.00	0.00	0.03	0.0	0.0	
GM38	4/08/20	Outside			10.960		**1.0**	**5.7**												GasfluX
GM39	4/08/20	Outside	0.8	1015	9.300	90	**1.0**	**5.7**	0.10	3.50	0.00	0.90	22.10	77.00	0.00	0.00	0.45	0.0	0.0	
GM40	4/08/20	Outside	0.4	1015	9.200	90	**1.0**	**5.7**	0.30	3.10	0.00	3.10	20.40	76.50	0.00	0.00	0.07	0.0	0.0	
GM41	4/08/20	Outside	0.0	1015	9.290	90	**1.0**	**5.7**	0.10	14.70	0.00	14.70	9.40	75.90	0.00	0.00	0.09	0.0	0.0	
GM42	4/08/20	Outside	0.0	1015	10.500	90	**1.0**	**5.7**	0.10	18.00	0.00	18.00	8.00	74.00	0.00	0.00	-0.02	0.0	0.0	
GM43	4/08/20	Outside	0.0	1015	--	90	**1.0**	**5.7**	0.00	4.90	0.00	4.20	16.70	79.10	0.00	1.00	-0.22	0.0	0.0	
GM44	4/08/20	Outside			6.230		**1.0**	**5.7**												GasfluX

Groundwater Level Data
Meters Below Top of Casing

Location	17.10.2019	19.12.2019	14.01.2020	07.07.2020	14.07.2020	21.07.2020	29.07.2020	04.08.2020	07.08.2020
ID number	mBTOC	mBTOC	mBTOC	mBTOC	mBTOC	mBTOC	mBTOC	mBTOC	mBTOC
GM18	7.330	7.195	7.031	Blocked					
GM20	5.604	5.425	10.340	5.350	5.290	-	-		-
GM21	-	-	Blocked						
GM22	-	-	6.168	6.400	6.350	6.440	6.120	6.300	6.350
GM23	Blocked								
GM24	Blocked								
GM25	10.312	10.465	9.998	10.400	10.350	10.490	9.730	10.180	10.320
GM26	8.320	8.542	8.642	8.380	8.300	8.420	8.440	8.280	8.300
GM27	10.540	10.897	10.935	10.730	10.710	10.550	10.550	10.620	10.650
GM28	-	-	9.851	9.040	9.060	9.120	8.010	8.000	8.240
GM29	-	-	9.919	-	-	9.890	-		9.940
GM30	Blocked								
GM31	8.835	8.647	8.880	9.100	9.040	9.140	8.570	8.650	8.710
GM32	9.780	9.215	9.205	8.280	8.200	8.450	8.307	8.307	8.060
GM33	NA	NA	NA	6.650	6.580	6.640	6.520	6.540	6.540
GM34	NA	NA	NA	6.740	6.670	6.750	6.360	6.530	6.510
GM35	NA	NA	NA	7.180	7.120	7.230	6.820	7.020	7.100
GM36	NA	NA	NA	9.700	9.600	9.700	9.030	9.180	9.400
GM37	NA	NA	NA	8.380	8.300	8.350	8.240	8.260	8.300
GM38	NA	NA	NA	12.070	12.000	-	-	-	11.660
GM39	NA	NA	NA	10.180	10.080	10.100	10.060	NE	10.000
GM40	NA	NA	NA	9.990	9.950	9.900	9.830	NE	9.900
GM41	NA	NA	NA	10.010	9.930	9.990	9.990	NE	9.990
GM42	NA	NA	NA	11.300	11.220	11.300	11.090	NE	11.200
GM43	NA	NA	NA	Dry	Dry	Dry	Dry	NE	Dry
GM44	NA	NA	NA	7.070	7.000	-	-		6.930

"-"Groundwater Level not recorded

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM18				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	0.0	3.9	0.0	1016
6/09/2017	0.0	5.3	0.0	1005
26/10/2017	0.0	6.2	0.0	997
3/11/2017	0.0	7.9	0.0	1001
9/11/2017	0.0	9.3	0.0	1016
15/11/2017	0.0	9.8	0.0	1010
23/11/2017	0.0	8.2	0.0	1005
28/11/2017	0.0	6.2	0.0	1010
6/12/2017	0.0	7.1	0.0	992
12/12/2017	0.0	11.9	0.2	1008
19/12/2017	0.0	10.3	0.2	995
11/01/2018	0.0	7.3	0.1	1004
18/01/2018	0.0	7.6	0.0	1008
24/01/2018	0.0	7.2	0.0	1003
31/01/2018	0.1	7.3	0.1	1002
9/02/2018	0.0	6.6	0.1	1007
12/03/2018	0.1	9.0	-0.3	1008
27/03/2018	0.0	10.9	0.1	1008
11/04/2018	0.0	10.2	0.2	1010
27/04/2018	0.0	9.6	0.1	1015
3/05/2018	0.0	3.4	0.1	1010
9/05/2018	0.0	9.0	0.2	1013
17/05/2018	0.0	11.2	0.1	1018
22/05/2018	0.0	12.3	0.2	1011
1/06/2018	0.0	14.2	0.1	1015
13/06/2018	0.0	15.5	0.1	1003
15/06/2018	0.0	15.0	0.1	1006
22/06/2018	0.0	13.7	0.2	1019
27/06/2018	0.0	14.3	0.1	1024
3/07/2018	1.0	10.2	0.1	1020
16/10/2018	0.0	1.6	0.0	1014
27/11/2018	0.0	1.5	-0.1	999
30/01/2019	0.0	0.3	0.1	1003
6/03/2019	0.0	0.9	0.2	1004
21/03/2019	0.0	2.1	0.1	1009
5/04/2019	0.2	1.2	0.0	1021
17/04/2019	0.1	1.8	0.0	1017
10/05/2019	0.0	0.8	0.0	1010
27/05/2019	0.0	0.5	0.1	1000
3/07/2019	0.0	1.2	0.0	1023
30/07/2019	0.2	3.3	0.0	1016
17/10/2019	0.1	9.9	0.3	997
19/12/2019	0.0	1.8	0.3	1006
14/01/2020	0.0	2.1	0.2	1009
27/02/2020	0.0	2.4	0.2	1004
7/07/2020	0	1.3	0.20	1021
14/07/2020	0	1.9	0.00	1008
21/07/2020	0	1.7	0.00	1022
29/07/2020	0	0.5	0.30	1011
4/08/2020	0	1.6	0.00	1013
27/02/2020	--	--	--	--

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM20				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	0.0	5.9	0.0	1016
6/09/2017	0.0	3.2	0.0	1005
26/10/2017	0.0	5.7	0.0	997
3/11/2017	0.0	9.3	0.0	1001
9/11/2017	0.0	10.4	0.1	1016
15/11/2017	0.0	10.6	0.0	1010
23/11/2017	0.0	10.3	0.0	1005
28/11/2017	0.0	6.6	0.0	1011
6/12/2017	0.0	10.0	0.0	992
12/12/2017	0.0	9.2	0.0	1008
19/12/2017	0.0	4.6	0.1	994
11/01/2018	0.0	7.2	0.0	1010
18/01/2018	0.0	8.5	0.1	1010
24/01/2018	0.0	8.3	0.2	1003
31/01/2018	0.1	8.4	0.1	1002
9/02/2018	0.0	8.3	0.2	1007
12/03/2018	0.1	13.3	0.2	1009
27/03/2018	0.0	11.3	0.2	1009
11/04/2018	0.0	8.9	0.2	1011
27/04/2018	0.0	8.1	0.1	1015
3/05/2018	0.0	3.2	0.1	1010
9/05/2018	0.0	7.9	0.1	1013
17/05/2018	0.0	6.9	0.1	1018
22/05/2018	0.0	6.9	0.2	1010
1/06/2018	0.0	4.6	0.1	1015
13/06/2018	0.0	7.6	0.1	1004
15/06/2018	0.0	7.0	0.2	1005
22/06/2018	0.1	1.9	0.2	1019
27/06/2018	0.0	2.3	0.1	1021
3/07/2018	0.2	6.3	0.1	1021
27/11/2018	0.0	2.4	0.1	998
10/01/2019	0.0	4.5	0.0	1011
30/01/2019	0.0	3.5	0.0	1003
6/03/2019	0.0	6.4	0.0	1004
21/03/2019	0.0	6.4	-0.1	1009
17/04/2019	0.3	8.4	0.1	1017
10/05/2019	2.4	1.1	0.0	1010
27/05/2019	33.4	11.9	0.0	1000
3/07/2019	1.4	9.7	0.0	1023
30/07/2019	0.8	13.2	0.0	1016
19/12/2019	0.0	16.0	0.0	1006
14/01/2020	0.0	16.0	0.0	1007
27/02/2020	0.0	10.2	0.2	1004
7/07/2020				
14/07/2020				
21/07/2020				
29/07/2020				
4/08/2020				
7/08/2020				

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM21				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	4.5	7.7	0.0	1016
6/09/2017	3.9	11.8	0.0	1006
26/10/2017	0.0	8.7	0.0	997
3/11/2017	0.0	9.5	0.0	1001
9/11/2017	0.0	9.2	0.0	1016
15/11/2017	0.0	9.4	0.0	1010
23/11/2017	0.0	8.8	0.0	1005
28/11/2017	0.0	5.2	0.0	1010
6/12/2017	0.0	8.0	0.0	992
12/12/2017	0.0	7.3	-0.1	1006
19/12/2017	0.0	6.4	0.0	996
11/01/2018	0.0	5.3	0.3	1010
18/01/2018	0.0	4.3	0.0	1010
24/01/2018	0.0	3.5	0.1	1003
31/01/2018	0.1	3.2	0.0	1003
9/02/2018	0.0	2.6	0.0	1007
12/03/2018	0.1	5.1	0.0	1009
27/03/2018	0.0	4.8	0.0	1009
11/04/2018	0.0	2.3	0.1	1006
27/04/2018	0.0	1.1	0.2	1015
3/05/2018	0.0	0.8	0.1	1010
9/05/2018	0.0	0.6	0.0	1013
17/05/2018	0.0	0.3	0.2	1018
22/05/2018	0.0	0.4	0.2	1010
1/06/2018	0.0	0.3	0.1	1015
13/06/2018	0.0	0.9	0.0	1003
15/06/2018	0.0	0.8	0.1	1005
22/06/2018	0.0	0.6	0.0	1019
27/06/2018	0.0	0.6	0.0	1021
3/07/2018	0.0	0.7	-0.1	1020
18/07/2018	0.0	0.6	0.0	1008
27/07/2018	0.0	0.5	0.0	1004
3/08/2018	0.0	0.5	0.1	1006
9/08/2018	0.0	0.5	0.0	1009
14/08/2018	0.0	0.5	0.1	1011
24/08/2018	0.0	0.3	0.1	1012
16/10/2018	0.0	3.2	0.1	1013
27/11/2018	0.5	7.7	0.0	998
17/04/2019	1.0	0.5	0.0	1017
10/05/2019	2.4	1.1	0.0	1010
27/05/2019	0.0	0.1	6.4	1001
3/07/2019	1.2	8.9	4.3	1023
30/07/2019	0.0	0.6	1.1	1017
17/10/2019	0.7	0.2	0.2	1001
19/12/2019	0.0	0.4	0.3	1006
14/01/2020	0.0	2.2	0.2	1008
27/02/2020	0.0	29.6	0.0	1004
7/07/2020	0	0.1	0.00	1021
14/07/2020	0	0.1	0.00	1008
21/07/2020	0	0.1	0.00	1022
29/07/2020	0	0.3	0.50	1012
4/08/2020	0	2.3	0.00	1013
7/08/2020	0	3	0.00	1015

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM22				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	25.7	12.9	0.0	1016
6/09/2017	13.8	13.6	0.0	1006
26/10/2017	3.1	11.7	0.0	997
3/11/2017	4.0	12.4	0.0	1001
9/11/2017	2.2	11.5	0.0	1017
15/11/2017	1.1	8.6	0.0	1010
23/11/2017	0.3	5.1	0.0	1006
28/11/2017	0.5	5.6	0.1	1010
6/12/2017	0.7	7.2	0.0	993
12/12/2017	0.0	4.0	0.1	1007
19/12/2017	0.0	3.5	0.3	996
11/01/2018	0.0	2.8	0.2	1010
18/01/2018	0.0	1.8	0.0	1010
24/01/2018	0.0	2.1	0.0	1003
31/01/2018	0.1	2.4	0.2	1003
9/02/2018	0.0	1.8	0.2	1007
12/03/2018	0.0	3.4	0.0	1009
27/03/2018	0.0	2.8	0.1	1009
11/04/2018	0.0	2.3	0.1	1006
27/04/2018	0.0	2.5	0.1	1015
3/05/2018	0.0	2.1	0.1	1010
9/05/2018	0.0	1.9	0.3	1013
17/05/2018	0.0	1.2	0.1	1018
22/05/2018	0.0	1.1	0.1	1010
1/06/2018	0.0	0.5	0.1	1014
13/06/2018	0.0	1.0	0.1	1003
15/06/2018	0.0	1.4	0.1	1005
22/06/2018	0.0	0.7	0.2	1019
27/06/2018	0.0	1.0	0.2	1021
3/07/2018	0.0	1.2	0.1	1020
18/07/2018	0.0	1.1	0.0	1008
27/07/2018	0.0	1.2	0.1	1004
3/08/2018	0.0	1.2	0.1	1006
9/08/2018	0.0	0.5	0.0	1009
14/08/2018	0.0	1.0	0.0	1011
24/08/2018	0.0	0.9	0.1	1013
16/10/2018	0.0	3.6	0.1	1013
27/11/2018	0.0	7.8	0.2	998
10/01/2019	10.3	11.8	0.0	1011
30/01/2019	16.8	12.8	0.1	996
6/03/2019	24.9	16.4	0.2	1004
21/03/2019	28.2	18.2	0.1	1008
17/04/2019	38.1	20.7	0.0	1018
10/05/2019	44.9	22.4	0.1	1010
27/05/2019	38.2	21.2	0.1	1002
30/07/2019	51.3	23.7	0.1	1017
17/10/2019	51.4	25.5	0.2	1001
19/12/2019	46.2	25.5	0.2	1006
14/01/2020	47.8	27.1	0.1	1009
27/02/2020	52.4	29.6	0.3	1004
7/07/2020	52.1	27.9	0.0	1021
14/07/2020	51.1	26.8	0.0	1009
21/07/2020	44.6	24.9	0.0	1022
29/07/2020	56.7	28	0.1	1012
4/08/2020	54.9	27.9	0.5	1013
7/08/2020	46.1	24.9	0.0	1015

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM23				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	0.0	7.1	0.0	1016
6/09/2017	0.0	7.7	0.0	1005
26/10/2017	0.0	7.0	0.0	996
3/11/2017	0.0	7.1	0.1	1001
9/11/2017	0.0	7.1	0.0	1016
15/11/2017	0.0	7.1	0.1	1010
23/11/2017	0.0	7.1	0.0	1006
28/11/2017	0.0	4.0	0.1	1010
6/12/2017	0.0	5.3	0.1	993
12/12/2017	0.0	6.3	-0.1	1007
19/12/2017	0.0	5.5	0.0	996
11/01/2018	0.0	5.0	0.1	1011
18/01/2018	0.0	4.2	0.1	1010
24/01/2018	0.0	3.6	0.2	1003
31/01/2018	0.0	4.0	0.1	1002
9/02/2018	0.0	3.7	0.2	1007
12/03/2018	0.2	5.2	0.1	1008
27/03/2018	0.0	4.8	0.2	1009
11/04/2018	0.0	3.5	0.1	1011
27/04/2018	0.0	3.4	0.1	1015
3/05/2018	0.0	2.8	0.1	1010
9/05/2018	0.0	2.7	0.1	1013
17/05/2018	0.0	2.8	0.2	1018
22/05/2018	0.0	2.8	0.1	1009
1/06/2018	0.0	2.7	-0.1	1015
13/06/2018	0.0	2.5	0.1	1003
15/06/2018	0.0	2.3	0.2	1005
22/06/2018	0.0	2.1	0.0	1019
27/06/2018	0.0	2.3	0.1	1021
3/07/2018	0.0	2.9	-0.1	1020
18/07/2018	0.0	2.3	0.0	1008
27/07/2018	0.0	2.2	0.0	1004
3/08/2018	0.0	2.2	0.1	1006
9/08/2018	0.0	2.1	0.1	1011
14/08/2018	0.0	2.2	0.1	1011
24/08/2018	0.0	2.0	0.2	1013
16/10/2018	0.0	3.8	0.2	1013
10/01/2019	0.1	9.3	0.0	1011
30/01/2019	0.0	11.6	0.0	1003
17/04/2019	0.0	10.3	0.1	1018
10/05/2019	0.0	9.8	0.1	1010
27/05/2019	1.6	10.5	0.1	1001
3/07/2019	0.1	11.0	0.0	1022
30/07/2019	0.1	11.2	0.1	1016
17/10/2019	0.0	1.2	0.0	1000
19/12/2019	0.9	2.0	0.0	1006
14/01/2020	0.0	2.0	0.0	1009
27/02/2020	0.0	1.0	0.2	1004
7/07/2020	0	1.2	0.1	1022
14/07/2020	0	1.3	0.1	1011
21/07/2020	0	1.9	0.1	1022
29/07/2020	0	1.2	0.2	1012
4/08/2020	0	0	0.0	1014
7/08/2020	0	0.8	0.0	1017

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM24				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	0.0	5.1	0.0	1016
6/09/2017	0.0	9.3	0	1006
26/10/2017	0.0	9.3	0.0	996
3/11/2017	0.0	9.7	0.0	1001
9/11/2017	0.0	9.4	0.0	1016
15/11/2017	0.0	9.8	0.0	1010
23/11/2017	0.0	10.0	0.0	1006
28/11/2017	0.0	4.7	0.1	1011
6/12/2017	0.0	8.8	0.0	992
12/12/2017	0.0	9.1	0.0	1008
19/12/2017	0.0	8.7	0.1	996
11/01/2018	0.0	9.6	0.0	1011
18/01/2018	0.0	9.2	0.1	1010
24/01/2018	0.0	9.3	0.1	1003
31/01/2018	0.0	9.9	0.2	1003
9/02/2018	0.0	9.5	0.1	1007
12/03/2018	0.0	11.5	0.2	1008
27/03/2018	0.0	4.4	0.1	1010
11/04/2018	0.0	0.2	0.1	1012
27/04/2018	0.0	0.8	0.1	1015
3/05/2018	0.0	0.8	0.1	1010
9/05/2018	0.0	0.6	0.1	1012
17/05/2018	0.0	0.5	0.2	1016
22/05/2018	0.0	0.5	0.1	1009
1/06/2018	0.0	0.6	0.1	1014
13/06/2018	0.0	1.2	0.1	1003
15/06/2018	0.0	0.7	0.2	1004
22/06/2018	0.0	0.5	0.2	1019
27/06/2018	0.0	1.9	0.0	1021
3/07/2018	0.0	0.6	0.2	1020
18/07/2018	0.0	0.4	0.1	1007
27/07/2018	0.0	0.6	0.1	1005
3/08/2018	0.0	0.8	0.2	1006
9/08/2018	0.0	0.3	0.1	1012
14/08/2018	0.0	0.4	0.0	1011
24/08/2018	0.0	0.3	0.1	1013
16/10/2018	3.5	17.7	0.2	1013
27/10/2018	0.0	7.0	0.2	998
10/01/2019	0.0	11.8	0.1	1011
30/01/2019	0.0	12.3	0.1	1003
6/03/2019	0.0	11.9	0.1	998
21/03/2019	0.0	12.9	0.2	1008
27/05/2019	--	--	--	--
3/07/2019	--	--	--	--
30/07/2019	--	--	--	--

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM25				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	0.0	4.0	0.0	1016
6/09/2017	0.0	6.1	0.0	1006
26/10/2017	0.0	7.0	0.0	996
3/11/2017	0.0	7.3	0.1	1000
9/11/2017	0.0	7.1	0.1	1017
15/11/2017	0.0	7.6	0.1	1010
23/11/2017	0.0	7.9	0.0	1006
28/11/2017	0.0	6.4	0.0	1011
6/12/2017	0.0	8.2	0.0	993
12/12/2017	0.0	8.0	0.2	1008
19/12/2017	0.0	7.9	0.0	996
11/01/2018	0.0	7.5	0.0	1010
18/01/2018	0.0	6.5	0.0	1010
24/01/2018	0.0	6.4	0.1	1003
31/01/2018	0.0	6.7	0.0	1002
9/02/2018	0.0	5.6	0.1	1007
12/03/2018	0.0	7.1	0.2	1008
27/03/2018	0.0	7.4	0.0	1010
11/04/2018	0.0	5.6	0.0	1011
27/04/2018	0.0	4.2	0.1	1015
3/05/2018	0.0	3.7	0.1	1010
9/05/2018	0.0	3.7	0.1	1011
17/05/2018	0.0	3.0	0.1	1016
22/05/2018	0.0	2.9	0.2	1009
1/06/2018	0.0	2.4	0.3	1014
13/06/2018	0.0	2.1	0.0	1003
15/06/2018	0.0	2.1	0.3	1004
22/06/2018	0.0	1.6	0.1	1019
27/06/2018	0.0	1.6	0.2	1020
3/07/2018	0.0	2.3	0.1	1020
18/07/2018	0.0	1.5	0.0	1007
27/07/2018	0.0	1.5	0.1	1005
3/08/2018	0.0	1.4	0.1	1006
9/08/2018	0.0	1.3	0.1	1012
14/08/2018	0.0	1.2	0.0	1012
24/08/2018	0.0	1.1	0.1	1013
16/10/2018	0.0	17.9	0.2	1013
27/11/2018	0.0	7.3	0.1	997
10/01/2019	0.0	10.0	0.1	1011
30/01/2019	0.0	10.3	0.0	1002
6/03/2019	0.0	10.2	0.1	998
21/03/2019	0.0	11.5	0.0	1008
17/04/2019	0.0	13.2	0.2	1017
10/05/2019	0.1	14.4	1.2	1009
27/05/2019	0.0	14.5	0.0	1001
3/07/2019	0.0	11.0	0.0	1022
30/07/2019	0.4	10.3	0.2	1016
17/10/2019	0.0	14.7	-0.1	1000
19/12/2019	0.3	16.1	0.0	1006
14/01/2020	0.0	22.9	0.0	1009
27/02/2020	0.1	18.9	0.0	1004
7/07/2020	0	17.5	0.00	1022
14/07/2020	0	17.5	1.10	1010
21/07/2020	0	18	0.00	1021
29/07/2020	0	16.8	0.40	1012
4/08/2020	0	17.2	0.00	1014
7/08/2020	0.5	14.8	0.00	1017

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM26				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	0.0	3.5	0.0	1016
6/09/2017	0.0	5.5	0.1	1005
26/10/2017	0.0	6.3	0.2	996
3/11/2017	0.0	5.5	0.0	1001
9/11/2017	0.0	5.2	0.2	1017
15/11/2017	0.0	6.1	0.2	1010
23/11/2017	0.0	6.3	0.1	1005
28/11/2017	0.0	3.7	0.1	1010
6/12/2017	0.0	5.4	0.0	993
12/12/2017	0.0	5.0	0.1	1007
19/12/2017	0.0	5.5	0.1	995
11/01/2018	0.0	5.1	0.1	1010
18/01/2018	0.0	3.7	0.0	1009
24/01/2018	0.0	9.3	0.1	1003
31/01/2018	0.0	0.9	-0.1	999
9/02/2018	0.0	2.1	0.2	1007
12/03/2018	0.0	4.2	0.0	1008
27/03/2018	0.0	3.1	0.2	1010
11/04/2018	0.0	3.4	0.1	1011
27/04/2018	0.0	2.1	0.0	1015
3/05/2018	0.0	2.8	0.2	1010
9/05/2018	0.0	2.7	0.1	1010
17/05/2018	0.0	1.7	0.1	1013
22/05/2018	0.0	2.0	0.0	1008
1/06/2018	0.0	1.7	0.2	1014
13/06/2018	0.0	2.3	0.2	1002
15/06/2018	0.0	1.7	0.2	1004
22/06/2018	0.0	1.2	0.1	1018
27/06/2018	0.0	1.3	0.1	1020
3/07/2018	0.0	1.5	0.2	1019
18/07/2018	0.0	1.0	0.1	1007
27/07/2018	0.0	1.4	0.0	1005
3/08/2018	0.0	1.7	0.1	1005
9/08/2018	0.0	0.5	0.1	1012
14/08/2018	0.0	0.9	0.1	1011
24/08/2018	0.0	0.6	0.1	1013
16/10/2018	0.0	7.1	1.0	1013
27/11/2018	0.0	7.7	0.1	998
10/01/2019	0.0	13.1	0.1	1011
30/01/2019	0.0	13.6	0.1	1002
6/03/2019	0.0	15.1	0.2	998
21/03/2019	0.0	16.1	0.2	1008
17/04/2019	0.1	16.6	0.1	1017
10/05/2019	0.1	17.2	0.1	1009
27/05/2019	0.3	16.7	0.0	1001
3/07/2019	0.1	15.7	0.1	1022
30/07/2019	0.1	16.8	0.2	1016
17/10/2019	0.0	15.8	-0.1	1000
19/12/2019	0.3	1.7	-0.1	1006
14/01/2020	0.0	10.7	0.0	1009
27/02/2020	0.0	16.5	0.1	1004
7/07/2020	0	5.5	0.00	1022
14/07/2020	0	11	0.70	1009
21/07/2020	0	11.3	0.00	1021
29/07/2020	0	11.8	0.30	1011
4/08/2020	0	6	0.00	1014
7/08/2020	0	3.3	0.00	1017

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM27				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	11.1	8.3	0.1	1016
6/09/2017	21.4	11.1	0.1	1005
26/10/2017	11.0	10.9	0.3	996
3/11/2017	7.5	7.9	0.0	1000
9/11/2017	9.2	7.6	0.2	1016
15/11/2017	6.4	8.2	0.2	1010
23/11/2017	8.4	9.3	0.1	1007
28/11/2017	8.5	9.6	-0.3	1007
6/12/2017	17.6	10.7	-0.1	996
12/12/2017	19.9	55.7	0.2	1008
19/12/2017	23.7	19.2	-0.2	997
11/01/2018	15.7	27.3	0.2	1008
18/01/2018	13.4	22.8	0.1	1010
24/01/2018	9.1	9.8	0.2	1002
31/01/2018	8.0	8.6	0.1	1002
9/02/2018	4.0	6.5	0.1	1007
12/03/2018	10.9	10.0	0.1	1008
27/03/2018	0.4	3.9	0.1	1010
11/04/2018	0.0	3.4	0.1	1011
27/04/2018	0.4	2.9	0.1	1015
3/05/2018	1.6	3.5	0.1	1010
9/05/2018	0.5	3.0	0.0	1009
17/05/2018	0.0	1.8	0.1	1014
22/05/2018	0.0	1.9	0.1	1007
1/06/2018	0.0	1.6	0.2	1014
13/06/2018	3.3	6.1	0.1	1002
15/06/2018	0.0	2.1	0.1	1004
22/06/2018	0.0	1.0	0.2	1018
27/06/2018	0.0	2.5	0.1	1020
3/07/2018	0.0	1.4	0.1	1019
18/07/2018	0.0	1.2	0.0	1007
27/07/2018	0.0	1.5	0.1	1004
3/08/2018	0.0	2.4	0.1	1005
9/08/2018	0.0	1.1	0.1	1012
14/08/2018	0.0	1.2	0.1	1011
24/08/2018	0.0	1.0	0.1	1013
16/10/2018	0.0	12.7	0.0	1014
27/11/2018	0.0	5.4	0.1	998
10/01/2019	1.2	11.7	0.1	1008
30/01/2019	1.3	11.7	0.1	1002
6/03/2019	1.2	14.0	0.1	997
21/03/2019	0.7	15.3	-0.1	1008
17/04/2019	0.5	15.5	0.1	1017
10/05/2019	0.3	16.0	0.3	1009
27/05/2019	1.2	16.2	0.1	1000
3/07/2019	0.1	15.7	0.1	1022
30/07/2019	0.4	16.8	0.1	1016
17/10/2019	0.2	16.6	0.1	1000
19/12/2019	0.0	15.9	0.4	1006
14/01/2020	0.0	10.9	0.0	1009
27/02/2020	0.0	19.8	0.3	1004
7/07/2020	0.0	2.5	0.20	1022
14/07/2020	0.0	12.7	1.30	1009
21/07/2020	0.0	16.6	0.00	1021
29/07/2020	0.0	18.4	0.10	1011
4/08/2020	0.0	18.4	0.00	1014
7/08/2020	0.0	18.8	0.00	1017

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM28				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	26.2	14.1	0.1	1016
6/09/2017	37.4	21.3	0.1	1005
26/10/2017	15.4	20.0	0.0	996
3/11/2017	27.6	22.6	0.1	1000
9/11/2017	28.8	22.4	0.1	1016
15/11/2017	27.8	22.0	0.2	1009
23/11/2017	27.7	22.2	0.1	1006
28/11/2017	25.3	21.6	0.0	1010
6/12/2017	33.0	20.0	-0.1	993
12/12/2017	26.5	18.4	0.1	1007
19/12/2017	23.8	17.8	0.1	995
11/01/2018	9.4	14.8	0.0	1010
18/01/2018	7.7	11.9	0.1	1008
24/01/2018	4.1	8.4	0.0	1000
27/03/2018	8.8	21.3	0.0	1010
11/04/2018	0.0	4.3	0.1	1010
27/04/2018	0.0	3.6	0.1	1015
3/05/2018	0.0	4.5	0.1	1010
9/05/2018	0.0	4.4	0.3	1010
17/05/2018	0.0	3.1	0.1	1015
22/05/2018	0.0	3.8	0.2	1007
1/06/2018	0.0	2.9	0.1	1014
13/06/2018	0.5	4.5	0.1	1002
15/06/2018	0.0	3.4	0.2	1003
22/06/2018	0.0	2.0	0.1	1018
27/06/2018	0.0	11.7	0.2	1020
3/07/2018	0.0	2.7	0.2	1019
18/07/2018	0.0	2.2	0.1	1007
27/07/2018	0.0	2.6	0.1	1005
3/08/2018	0.0	2.4	0.0	1005
9/08/2018	0.0	1.8	0.1	1012
14/08/2018	0.0	2.0	0.1	1011
24/08/2018	0.0	2.0	0.1	1013
16/10/2018	20.9	15.3	0.1	1013
27/11/2018	3.9	11.6	0.5	998
10/01/2019	19.4	14.9	0.0	1009
30/01/2019	23.4	16.6	0.1	1003
6/03/2019	0.0	6.3	0.2	998
21/03/2019	0.5	13.8	0.0	1007
17/04/2019	24.8	17.8	0.1	1016
10/05/2019	27.5	19.7	0.0	1009
27/05/2019	33.4	17.9	0.0	1000
3/07/2019	35.7	21.8	0.1	1022
30/07/2019	43.3	24.4	0.0	1016
17/10/2019	31.8	21.1	0.0	1000
19/12/2019	15.5	21.3	0.4	1005
14/01/2020	0.0	7.3	0.0	1009
27/02/2020	18.7	19.1	0.2	1004
7/07/2020	0	14.1	1.70	1020
14/07/2020	0	14.7	-3.60	1009
21/07/2020	0	12.6	0.10	1019
29/07/2020	0	12.4	0.00	1011
4/08/2020	0	16.1	0.00	1014
7/08/2020	1.9	18.3	-0.40	1017

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM29				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	41.9	16.8	0.0	1016
6/09/2017	47.7	20.9	0.1	1005
26/10/2017	26.4	20.5	0.0	996
3/11/2017	32.4	18.6	0.0	1000
9/11/2017	24.7	14.9	0.1	1016
15/11/2017	37.2	20.4	0.1	1009
23/11/2017	39.9	21.6	0.0	1005
28/11/2017	34.0	20.6	0.0	1008
6/12/2017	43.1	18.7	0.0	993
12/12/2017	28.2	15.4	0.0	1008
19/12/2017	29.0	16.0	0.2	995
11/01/2018	11.0	12.1	0.0	1011
18/01/2018	12.9	12.7	0.1	1009
24/01/2018	16.4	14.1	0.3	1003
31/01/2018	12.3	13.8	0.0	1001
9/02/2018	11.3	14.3	0.1	1007
12/03/2018	16.5	18.9	0.1	1008
27/03/2018	0.0	4.2	0.1	1012
11/04/2018	8.0	19.5	0.1	1010
27/04/2018	2.2	19.5	0.1	1015
3/05/2018	4.6	20.6	0.1	1010
9/05/2018	2.9	19.9	0.1	1010
17/05/2018	0.3	14.4	0.2	1016
22/05/2018	1.8	18.1	0.1	1007
1/06/2018	0.4	14.1	0.1	1014
13/06/2018	5.7	23.5	0.1	1002
15/06/2018	0.0	16.1	0.1	1003
22/06/2018	0.0	11.2	0.1	1018
27/06/2018	0.0	2.2	0.2	1020
3/07/2018	0.1	12.3	0.1	1019
18/07/2018	2.9	14.0	0.0	1007
27/07/2018	1.3	12.1	0.1	1005
3/08/2018	0.5	10.1	0.1	1005
9/08/2018	0.4	7.4	0.1	1012
14/08/2018	0.3	8.8	0.1	1011
24/08/2018	0.5	9.2	0.1	1013
16/10/2018	0.5	2.6	-0.1	1013
27/11/2018	10.6	20.4	0.4	997
10/01/2019	35.4	21.8	0.1	1009
30/01/2019	34.8	22.6	0.0	1003
6/03/2019	12.1	20.1	0.2	998
21/03/2019	5.4	16.6	0.0	1007
17/04/2019	17.7	25.5	0.0	1016
10/05/2019	0.1	13.6	0.1	1019
27/05/2019	4.7	10.8	0.1	999
3/07/2019	0.0	10.8	0.1	1021
30/07/2019	0.2	9.8	0.0	1016
17/10/2019	0.0	8.7	0.0	1000
19/12/2019	19.2	19.2	0.2	1005
14/01/2020	22.0	20.8	-0.1	1009
27/02/2020	18.7	20.4	0.0	1004
7/07/2020	13.6	18.1	0.20	1021
14/07/2020	13.2	17.9	1.80	1009
21/07/2020	12.6	18.3	0.10	1022
29/07/2020	15.6	18.6	0.10	1011
4/08/2020	14.4	18.3	0.00	1014
7/08/2020	14.9	18.5	0.00	1016

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM30				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	40.1	12.3	0.0	1016
6/09/2017	40.7	13.8	0.0	1004
26/10/2017	4.5	13.6	0.0	996
3/11/2017	4.0	8.6	0.0	1000
9/11/2017	1.1	6.2	0.0	1016
15/11/2017	5.2	11.3	0.0	1009
23/11/2017	2.8	10.2	0.0	1006
28/11/2017	3.8	7.2	0.0	1010
6/12/2017	3.7	10.1	0.0	993
12/12/2017	2.7	6.0	0.1	1008
19/12/2017	1.3	7.1	0.1	994
11/01/2018	0.0	5.0	0.0	1010
18/01/2018	0.3	4.2	0.1	1009
24/01/2018	0.4	4.6	0.4	1003
31/01/2018	0.4	4.8	0.1	1001
9/02/2018	0.5	4.5	0.0	1007
12/03/2018	0.4	5.5	0.1	1008
27/03/2018	0.7	4.8	0.1	1009
11/04/2018	0.8	5.7	0.1	1010
27/04/2018	0.3	3.6	0.1	1015
3/05/2018	0.0	3.4	0.1	1010
9/05/2018	0.0	3.7	1.8	1011
17/05/2018	0.0	3.3	0.1	1007
22/05/2018	0.0	3.0	0.2	1016
1/06/2018	0.0	2.6	0.0	1014
13/06/2018	0.7	3.1	0.1	1001
15/06/2018	0.2	3.0	0.1	1003
22/06/2018	0.0	1.9	0.1	1018
27/06/2018	0.0	6.1	0.1	1020
3/07/2018	0.0	6.5	0.0	1019
18/07/2018	1.0	7.6	0.0	1007
27/07/2018	0.0	2.1	0.1	1005
3/08/2018	0.0	2.1	-0.1	1005
9/08/2018	0.0	1.6	0.1	1013
14/08/2018	0.0	1.8	0.1	1011
24/08/2018	0.0	1.7	0.1	1015
16/10/2018	0.0	2.6	-0.1	1013
27/11/2018	0.2	6.8	0.1	997
10/01/2019	0.8	10.3	6.5	1009
30/01/2019	2.4	10.3	0.1	1004
6/03/2019	0.7	5.7	0.1	999
21/03/2019	0.0	4.5	0.2	1007
17/04/2019	0.0	4.7	0.1	1016
10/05/2019	0.1	3.6	0.0	1008
27/05/2019	0.0	2.0	0.1	1021
30/07/2019	0.0	2.7	0.1	1016
17/10/2019	0.0	3.1	0.0	1000
19/12/2019	0.3	3.5	0.2	1005
14/01/2020	0.4	3.5	0.0	1009
27/02/2020	0.0	9.6	0.2	1004
7/07/2020	0	7.9	0.00	1020
14/07/2020	0	8.9	2.80	1009
21/07/2020	0	8.3	0.00	1021
29/07/2020	0	2.2	0.00	1011
4/08/2020	0	5.9	0.00	1012
7/08/2020	0	8.4	0.00	1015

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM31				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	7.3	4.5	-0.1	1016
6/09/2017	18.2	13.9	0.0	1004
26/10/2017	8.0	15.9	0.0	996
3/11/2017	11.0	16.0	0.0	1000
9/11/2017	9.0	15.1	0.0	1016
15/11/2017	9.9	17.6	0.0	1009
23/11/2017	8.1	18.0	0.0	1006
28/11/2017	6.2	17.2	0.0	1010
6/12/2017	8.2	16.6	0.0	993
12/12/2017	3.7	14.3	0.0	1007
19/12/2017	4.0	14.6	0.1	996
11/01/2018	0.0	13.4	0.0	1011
18/01/2018	0.0	12.4	0.1	1009
24/01/2018	0.0	11.2	0.4	1003
31/01/2018	0.1	12.5	0.1	1001
9/02/2018	0.0	10.4	0.2	1007
12/03/2018	0.0	13.5	0.0	1007
27/03/2018	0.0	0.1	0.0	1009
11/04/2018	0.0	12.0	0.0	1010
27/04/2018	0.0	10.5	0.1	1015
3/05/2018	0.0	9.6	0.1	1010
9/05/2018	0.0	9.5	0.1	1005
17/05/2018	0.0	8.4	0.2	1016
22/05/2018	0.0	8.8	0.2	1008
1/06/2018	0.0	8.1	0.1	1014
13/06/2018	0.0	8.2	0.1	1001
15/06/2018	0.0	7.2	0.2	1003
22/06/2018	0.0	5.8	0.1	1018
27/06/2018	0.1	8.3	0.1	1020
3/07/2018	0.0	6.1	0.0	1019
18/07/2018	0.1	5.9	0.0	1007
27/07/2018	0.0	5.7	0.1	1005
3/08/2018	0.0	5.6	0.1	1005
9/08/2018	0.0	5.1	0.1	1013
14/08/2018	0.0	5.4	0.2	1011
24/08/2018	0.0	5.5	0.1	1014
16/10/2018	0.0	7.3	0.2	1014
27/10/2018	0.0	9.9	0.1	997
10/01/2019	0.1	17.3	0.0	1010
30/01/2019	0.0	17.0	0.2	1004
6/03/2019	0.0	11.0	0.0	1000
21/03/2019	0.0	14.3	0.1	1008
17/04/2019	0.0	14.1	0.2	1015
10/05/2019	0.1	13.1	0.0	1008
27/05/2019	0.4	10.8	0.1	999
3/07/2019	0.0	8.5	0.1	1021
30/07/2019	0.0	8.8	0.2	1016
17/10/2019	0.0	8.9	0.0	999
19/12/2019	0.0	2.4	0.2	1005
14/01/2020	0.0	2.8	0.0	1009
27/02/2020	0.0	9.6	0.2	1004
7/07/2020	0	4.5	0.00	1020
14/07/2020	0	9.1	-1.80	1009
21/07/2020	0	10	0.00	1021
29/07/2020	0	4.7	0.20	1012
4/08/2020	0	3.2	0.00	1012
7/08/2020	0	7.3	0.00	1015

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM32				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
3/08/2017	4.0	8.4	0.0	1016
6/09/2017	4.5	11.6	0	1005
26/10/2017	1.1	13.6	0.0	996
3/11/2017	1.3	12.8	0.0	1000
9/11/2017	0.8	11.0	0.0	1016
15/11/2017	0.3	12.5	0.1	1009
23/11/2017	0.1	12.1	0.0	1006
28/11/2017	0.0	11.6	0.1	1010
6/12/2017	0.1	12.1	0.0	993
12/12/2017	4.0	14.4	0.0	1008
19/12/2017	0.0	9.8	0.1	996
11/01/2018	0.0	9.0	0.0	1011
18/01/2018	0.0	9.3	0.0	1009
24/01/2018	0.1	9.2	0.2	1002
31/01/2018	0.0	10.3	0.3	1002
9/02/2018	0.0	10.2	0.1	1007
12/03/2018	0.0	10.6	0.0	1007
27/03/2018	0.0	12.1	0.1	1010
11/04/2018	0.0	10.3	0.0	1010
27/04/2018	0.0	0.0	0.1	1015
3/05/2018	0.0	12.0	0.0	1010
9/05/2018	0.0	12.1	0.1	1011
17/05/2018	0.0	10.3	0.2	1016
22/05/2018	0.0	11.0	0.1	1008
1/06/2018	0.0	10.0	0.0	1014
13/06/2018	0.0	11.3	0.1	1001
15/06/2018	0.0	10.0	0.1	1003
22/06/2018	0.0	8.0	0.1	1018
27/06/2018	0.0	8.4	0.1	1020
3/07/2018	0.0	7.5	-0.1	1020
18/07/2018	0.0	7.3	0.0	1007
27/07/2018	0.0	7.2	0.1	1006
3/08/2018	0.0	6.9	0.1	1005
9/08/2018	0.0	6.2	0.0	1013
14/08/2018	0.0	6.4	0.0	1011
24/08/2018	0.0	6.5	0.0	1013
16/10/2018	0.0	8.1	0.0	1014
10/01/2019	0.0	10.2	0.2	1010
30/01/2019	0.0	17.0	0.2	1004
6/03/2019	0.0	9.0	0.0	1000
21/03/2019	0.0	5.5	0.1	1008
17/04/2019	0.1	7.2	0.0	1016
10/05/2019	0.1	13.1	0.0	1018
27/05/2019	0.1	5.2	0.2	999
3/07/2019	0.0	2.5	0.2	1022
30/07/2019	0.0	5.2	0.1	1017
17/10/2019	0.0	3.9	0.1	1000
19/12/2019	0.0	0.1	0.2	1005
14/01/2020	0.0	1.5	0.0	1009
27/02/2020	0.0	1.0	0.1	1004
7/07/2020	0	0.9	0.00	1020
14/07/2020	0	5.4	1.90	1007
21/07/2020	0	6.9	0.00	1021
29/07/2020	0	0.6	-	1012
4/08/2020	0	1.5	0.00	1012
7/08/2020	0	2.9	0.00	1015

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM33				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
7/07/2020	0	4.4	0.00	1021
14/07/2020	0	6.2	0.00	1008
21/07/2020	0	3.9	0.00	1022
29/07/2020	0	4.3	0.20	1011
4/08/2020	0	7.6	0.00	1013
7/08/2020	0	6.8	0.00	1015
GM34				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
7/07/2020	0	5.1	0.10	1021
14/07/2020	0.1	8.5	0.00	1009
21/07/2020	0	5.5	0.00	1021
29/07/2020	0	5.3	0.30	1012
4/08/2020	0.2	12.6	0.00	1013
7/08/2020	0	7.3	0.00	1015
GM35				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
7/07/2020	0	5.1	0.00	1022
14/07/2020	0	7.7	0.20	1009
21/07/2020	0	4.7	0.10	1021
29/07/2020	0	1.9	0.30	1012
4/08/2020	0.1	10.6	0.00	1013
7/08/2020	0	5.7	0.00	1015
GM36				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
7/07/2020	0	3.3	0.00	1022
14/07/2020	0	8.8	2.70	1010
21/07/2020	0	9.8	0.00	1022
29/07/2020	0	10.9	0.40	1012
4/08/2020	0	12.8	0.00	1014
7/08/2020	0	12.3	0.20	1017
GM37				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
7/07/2020	0	6.8	0.00	1022
14/07/2020	0	9.5	1.60	1009
21/07/2020	0	11.1	0.00	1021
29/07/2020	0	12.6	0.00	1011
4/08/2020	0	12.5	0.00	1014
7/08/2020	0	12.9	0.00	1016
GM39				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
7/07/2020				
14/07/2020	0	1.8	0.00	1009
21/07/2020	0	0.4	0.00	1022
29/07/2020	0	0.4	0.20	1012
4/08/2020	0	8.9	0.00	1012
7/08/2020	0	0.9	0.80	1015
GM40				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
7/07/2020	0	6.7	0.10	1020
14/07/2020	0	4.7	0.30	1009
21/07/2020	0	0.7	0.00	1022
29/07/2020	0	0.7	0.00	1012
4/08/2020	0	12.1	0.00	1012
7/08/2020	0	3.1	0.40	1015

Historical Spot Monitoring Data
(Current Perimeter Network (GM18-GM43)

GM41				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
7/07/2020	0	7.5	0.00	1020
14/07/2020	0	11.6	0.20	1009
21/07/2020	0	10.1	0.00	1021
29/07/2020	0	9.6	0.10	1012
4/08/2020	0	18.1	0.00	1012
7/08/2020	0	14.7	0.00	1015
GM42				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
7/07/2020	0	17.1	0.00	1020
14/07/2020	0	17.8	0.00	1009
21/07/2020	0	17.5	0.00	1021
29/07/2020	0	17.2	0.00	1012
4/08/2020	0	16.9	0.00	1012
7/08/2020	0	18	0.00	1015
GM43				
Dates	**CH4 [% v/v]**	**CO2 [% v/v]**	**Flow [l/hr]**	**Baro. Pressure [mb]**
7/07/2020	0	4	0.00	1018
14/07/2020	0	4.7	0.00	1006
21/07/2020	0	4.4	0.00	1020
29/07/2020	0	4.4	0.00	1012
4/08/2020	0	4.9	0.00	1010
7/08/2020	0	4.2	0.00	1015

Appendix M:
Environmental Management Plan (BSA, 2020)

LFG Management Plan

Environmental Management Plan for Landfill Gas, Horsley Park Landfill

CSR Building Products Limited

Job ID. 0103

PROJECT NAME:	Environmental Management Plan for Landfill Gas, Horsley Park Landfill
JOB ID:	0103
DOCUMENT CONTROL NUMBER	0103_RPT0076.D
PREPARED FOR:	CSR Building Products Limited
APPROVED FOR RELEASE BY:	Dr Ben Dearman

DOCUMENT CONTROL

VERSION	DATE	COMMENT	PREPARED BY	REVIEWED BY
A	02.09.2020	Updated for Auditor Review	Mitchell Browne	Jack Horan
B	13.11.2020	Final	Mitchell Browne	Jack Horan

DISCLAIMER

Biogas Systems Australia acts in all professional matters as a faithful advisor to the Client and exercises all reasonable skill and care in the provision of its professional services.

Reports are commissioned by and prepared for the exclusive use of the Client. They are subject to and issued in accordance with the agreement between the Client and Biogas Systems Australia. Biogas Systems Australia is not responsible for any liability and accepts no responsibility whatsoever arising from the misapplication or misinterpretation by third parties of the contents of its reports.

Except where expressly stated, Biogas Systems Australia does not attempt to verify the accuracy, validity or comprehensiveness of any information supplied to Biogas Systems Australia for its reports.

Where site inspections, testing or fieldwork have taken place, the report is based on the information made available by the client or their nominees during the visit, visual observations and any subsequent discussions with regulatory authorities. The validity and comprehensiveness of supplied information has not been independently verified and, for the purposes of this report, it is assumed that the information provided to Biogas Systems Australia is both complete and accurate. It is further assumed that normal activities were being undertaken at the site on the day of the site visit(s), unless explicitly stated otherwise.

CONTENTS

TABLES

EXECUTIVE SUMMARY

The objective of this Environmental Management Plan (EMP) is to provide a landfill gas (LFG) management plan that can be enforced to ensure protection of surrounding land users from the former Camide Landfill. To achieve the objective of the EMP the following aspects of LFG management will be addressed to ensure ongoing suitability of the neighbouring sites for commercial/industrial land use including:

- Monitoring and management of subsurface emission in the perimeter well network
- Monitoring and management of surface emissions form the landfill cap and biofiltration trench (BT)
- Monitoring and management of service pits and enclosed spaces on the landfill and adjacent to the landfill (where possible).

The investigations completed to date include installation of a perimeter monitoring network and regular monitoring of LFG conditions at the boundary of the former Camide Landfill. The implementation of a gas interception biofiltration trench was initially installed along the western boundary of the landfill in June 2005 and after the success of this trial, was extended around the entire perimeter of the landfill. The construction of the biofiltration trench around the remainder of the landfill was commenced in July 2018 and completed in May 2019.

Results of the post installation monitoring at perimeter locations outside of the BT in May 2019 and subsequent monitoring indicate a reduction of methane concentrations to below the threshold concentration of 1%v/v. This monitoring confirmed the effectiveness of the northern portion of the BT in the direction of the closest commercial / industrial land user.

To ensure the protection of the surrounding land users this EMP has been developed, which prescribes monitoring, reporting and further mitigation actions (if required). To manage the risks to the surrounding land users, the monitoring of service pits and enclosed spaces (stormwater pits), surface emissions (landfill cap and BT), subsurface migration and water levels (perimeter monitoring) is required. These monitoring activities will not only assess the risk to the surrounding land users but also provide data for ongoing validation of the effectiveness of the BT at mitigating lateral migration of gas from the landfill.

The monitoring of these locations will be completed quarterly, compared against threshold criteria sourced from the Hazardous Ground Gas (NSW 2019) guidelines and reported both quarterly and annually. In the event that a threshold criterion is exceeded for methane or an increasing carbon dioxide trend is observed, additional investigation will be required to determine the course of action which may range from increased monitoring frequency to notification of the regulatory authorities in the event of explosive conditions or acute human health risk.

The site owner (currently CSR Building Products Limited) is the responsible party for ensuring the EMP is executed and the objectives of the EMP are met which is detailed in a legal clause as part of the contract for sale of the closest adjacent properties to the north, south and west of the Former Camide Landfill.

The intent of the EMP is to continue monitoring for at least a period of 24 months from commencement and reassess the stability of landfill gas generation and migration and there is no longer a risk to surrounding land users.

1 INTRODUCTION

This Environmental Management Plan (EMP) has been prepared to document the management and monitoring requirements for the former Camide Landfill (Figure 1) to demonstrate that the landfill gas does not present a risk to surrounding off-site properties.

There is an existing EMP which is part of the contract for sale "Pursuant to clause 38.3 of sale contract dated 9 March 2018 between CSR Building Products Limited and Australand C & I Land Holdings (Australand) as Trustee for Frasers Property C & I Land Holdings (Horsley Park No 2) Trust in respect of the sale of Lots 101 & 102, 327 – 335 Burley Road, Horsley Park CSR Building Products. This previous EMP was written to address the requirements to monitor and manage the risk between the Former Camide Landfill and the Stage 1 development.

As part of the development of an EMP to monitor and manage the risk between the Former Camide Landfill and the Stage 2 development the original Environmental Management Plan (EMP) (Ref 0103 BSA RPT0075.C) was expanded on to include the additional monitoring requirements for Stage 2. This will result in two EMPs for the Former Camide Landfill site which will need to be administered by CSR. For the purpose of implementation, this EMP covers the requirements of the original EMP for Stage 1 plus the additional requirements for Stage 2. This meets the objective of the client to maintain the existing EMP under its contractual requirements with Australand and Horsley Park No 2 whilst meeting the additional management requirements for Stage 2 and the contractual requirements with ESR Australia.

The current EMP (this documents) details the monitoring requirements, roles, responsibilities, reporting requirements and enforceability to ensure that LFG emissions do not impact human health and the environment of surrounding properties both Stage 1 and Stage 2.

1.1 Background

Camide operated a non-putrescible solid waste landfill at the Horsley Park site from 1990 to 1994. The landfilling took place in a quarry void created by clay extraction activities. It has been estimated that 950,000 m^3 of waste was imported to the site in an area of 4.1ha of the site as indicated in Figure 1.

At the completion of landfilling in 1994 the waste was capped with a 1m thick compacted clay layer and a 500mm thick revegetation/landscaping layer in accordance with the Landfill Closure Plan (LCP) (EGIS 1999). At the time of the capping and closure of the landfill the surrounding land users were the other active parts of the quarry activities to the north and the east and open rural land use which bounds the landfill to the west and the south.

Since the capping activities there has been significant site development and regional development of the land surrounding the landfill into commercial industrial land uses. This development has resulted in the encroachment of commercial / industrial development to the north of the northern boundary of the former Camide Landfill. Surrounding land use to the west, south and east have not significantly changed since implementation of the LCP.

The planned commercial / industrial development to the east and south of the landfill is proposed within 250m of the inferred extent of waste. The historical monitoring of perimeter wells at the former Camide Landfill site indicated that hazardous ground gases may potentially migrate laterally which could potentially impact adjacent off-site land users of the Stage 1 and Stage 2 development.

The remedial solution which was designed for the site included a biofiltration trench (BT) to mitigate fugitive gas emissions by oxidation. The trench is installed around the entire perimeter of the former Camide Landfill and is extend into groundwater to 9m in some sections.

As part of the post remediation validation monitoring of LFG wells outside of the BT has been undertaken since May 2019 which report that the lateral migration of fugitive emissions from the former Camide Landfill is being

managed. Generation of LFG and migration pathways of LFG can change over time and the relatively small timeframes for monitoring need to be addressed to ensure that conditions have not changed.

During the final installation of the BT some wells were damaged or were in close proximity to the trench which may be influencing the gas concentrations and flow reported during the monthly spot monitoring. As part of the Stage 2 development to the east and south of the landfill ten additional LFG wells and one background LFG location were established to ensure that the perimeter spacing along the eastern and southern boundary of the landfill was approximately 20m. The background LFG location is a sufficient distance from the landfill and is shown on Figure 4.

The development of this EMP is to assist in the long term monitoring of the LFG generation and migration pathways to ensure that the neighbouring properties are protected.

1.2 EMP Objectives

The objective of the EMP is to provide a landfill gas management plan that will be enforced to ensure protection of surrounding land users from the former Camide Landfill.

To achieve the objective of the EMP the following aspects of LFG management will be addressed to ensure ongoing suitability of the neighbouring sites for commercial/industrial land use including:

- Monitoring and management of subsurface emissions in the perimeter well network
- Monitoring and management of surface emissions from the landfill cap and the biofiltration trench
- Monitoring and management of emissions in service pits and enclosed spaces on the landfill and adjacent to the landfill (where possible).

2 SITE OVERVIEW

2.1 Site Description

2.1.1 Location

The site is located at 327 to 335 Burley road, Horsley Park (refer Figure 1). The site is currently identified as Lot 103 of Deposited Plan 1214912 (Historically - Lot 1 Deposited Plan 1228114) based on SIX maps (*maps,six.nsw.gov.au* – accessed 12.11.2020). The landfill site is a part of a larger portion of land which is subject to development plan DA97 – 1085. The landfill is located in the south western corner of the site. A summary of site details is presented in Table 1.

Table 1 – Site Details

Item	Description
Site name and address	Former Camide Landfill, 327 to 335 Burley Road, Horsley Park, NSW 2175
Real property description	Current property description is Lot 103 of Deposited Plan 1214912 as identified in SIX maps (Historically - Lot 1 Deposited Plan 1228114) The EPL details refer to Lot 2 DP 1228114.
Current site owner	CSR Building Products Ltd
Surrounding Allotments	Lots 101, 102 (Stage1 Development) and 103 (Stage 2 Development), 327 – 335 Burley Road, Horsley Park These lots are currently identified in six maps as DP1259616 Lot 202, DP1264857 Lot 301 and DP1214912 Lot 103 respectively
Operational timeframe	Landfilling between 1990 – 1994
Area	Approximately 4.1 hectares
Volume	Approximately 950,000 m^3
Depth	Total waste thickness is estimated to approximately 18 m below ground surface
Waste composition	No putrescible wastes recorded only commercial and industrial*

* Waste disposal records were not available to review in the previous LCP therefore the potential presence of some putrescible wastes exists.

2.1.2 Surrounding Land Use

The land use of the surrounding area is summarised in Table 2.

Table 2 - Surrounding Land Uses

Direction	Use
North	Stage 1 development area. Further to the north is commercial/industrial
South	Stage 2A development area. Rural land with open pasture further to the south.
East	Stage 2C development area (future commercial). Rural land use and market gardens further east
West	Pasture with commercial/industrial land use further to the west

2.2 Site History and Management

As detailed in the background in Section 1 the site was utilised as a quarry prior to 1990. Landfilling activities commenced in 1990 and ceased in 1994 with an estimated 950,000 m^3 of fill placed in the former quarry. The LCP was prepared in accordance with the requirements of the deferred Commencement Conditions 1 to 3 of DA97 – 1085 and in the NSW EPA Guidelines in effect at the time.

2.2.1 Landfill Closure Plan

The Landfill Closure Plan (LCP) (EGIS 1999) was developed for the site in 1999, which outlined ongoing monitoring to be undertaken and stabilisation criteria for the cessation of LFG monitoring. The LCP was prepared in accordance with the requirements of the deferred Commencement Conditions 1 to 3 of DA97 – 1085 and in accordance with the NSW EPA Guidelines in effect at the time. The original Remediation Action Plan (RAP) was presented within the LCP (EGIS 1999) based on several environmental investigations undertaken prior to 1999 which are referenced in Section 6. The current RAP for Stage 2 was developed in 2014 and amended in 2019 to reflect current site conditions (*Ref: Remediation Action Plan. Lot 1 in DP 106143, CSR Building Products, 327 – 335 Burley Road, Horsley Park. (Revised September 2019*)

2.2.2 Environment Protection Licence (EPL) #123

In addition to the LCP an Environment Protection Licence (EPL) #123 is active for the site and regulated by the EPA. The EPL outlines monitoring requirements, maximum scale and load limit for particular contaminants relating to these activities. The EPL for the site is currently active for the following scheduled activities:

- Ceramic works.
- Crushing, grinding or separating.
- Extractive activities.
- Mining for minerals.

In addition to these activities, the EPL addresses monitoring and reporting requirements for the landfill. There has been extensive monitoring of groundwater, leachate, landfill gas since the commencement of the LCP and as part of the EPL which are referenced in Section 6. The objective of the EPL is to regulate specific activities and although useful data is collected the has a different objective.

It should be noted that at the time of writing this EMP, an application is with the NSW EPA (Notice No. 1570706) to surrender the EPL on a section of the site. The application aims to surrender the EPL for Lots 101 and 102 of the EPL#123 from lot 103 (now identified at Stage 1, Stage 2 and Stage 3) of which a portion of this is the Former Camide Landfill.

2.2.3 Remedial History

The landfill has undergone years of assessment since the closure of the landfilling activities and has since been monitoring the LFG emissions and implemented gas migration controls for the identified LFG at the site. Table 3 below gives a brief history of the activities undertaken on the site to date.

Of all the activities and investigation completed to date the most significant is the implementation of a gas interception biofilter and trench was installed along the western boundary of the landfill in June 2005. It was installed as a trial to assess the validity of this type of gas mitigation solution (Dever 2009). Quarterly monitoring of wells GM1-GM11 was undertaken from October 2006 in accordance with EPL #123. Monitoring wells GM12-GM32 were installed in July 2017 to monitoring the lateral migration of LFG from the site. The trial was confirmed a success in the 2009 report and was then adopted for the balance of the landfill perimeter.

The construction of a biofilter and trench around the remainder of the landfill was commenced in July 2018 and completed in May 2019. As part of the Stage 1 and Stage 2 developments additional investigation location have been added at the perimeter of the former Landfill to ensure the spacing is adequate to continue to monitor the potential for fugitive emissions.

Table 3 – Site History Chronology of Activities

Date	Detail
1994	Landfill ceased. Base of landfill RL 58.0m AHD. Volume of void estimated at 950,000 m3 based on a plan of the excavated void and a plan of final landform of the Camide landfill (Egis Consulting Australia Pty Limited, April 1999)
October 1998	Development consent for continued quarrying, landfilling and site remediation granted in Land and Environment Court with conditions that a Landfill Closure Plan be developed and implemented for the pre-existing Camide landfill
October 1998	Investigation of the Camide landfill commenced: thickness and construction of landfill capping layer assessed using test pits (thickness varied from 200 mm to 800 mm). Past groundwater monitoring reviewed. Surface and sub-surface gas measured. Additional groundwater wells installed to the full depth of the landfill.
August 1999	LCP proposes upgrading of landfill capping layer, installation of landfill gas monitoring wells, and a landfill gas monitoring program to complement the groundwater monitoring program. This was reflected in the EPA licence, which included these monitoring locations as a variation dated 22/6/2001. These points were monitored monthly, waters were reduced the quarterly in July 2002.
June 2000	Landfill capping upgraded according to LCP. Consequences were reduced surface gas emissions but increased sub-surface gas migration.
May 2001	EPA require investigation of the levels of leachate and landfill gas being generated by the decomposing waste present in the landfill, Pollution Reduction Program (PRP) added to EPL 123.
October 2002	Development application for conventional landfill gas management in accordance with EPA requirements submitted to Fairfield Council.
December 2003	DA consent granted from Fairfield Council to install gas extraction and flaring system. Local residents objected on grounds of noise, visual aesthetics and emissions, leading to alternative treatments being sought.
November 2004	Proposal to investigate passive biofiltration system submitted to EPA.
March 2005	Trial biofilter added to EPL123 PRP
June 2005	Stage 1 trial construction of gas interception biofilter and trench along western boundary of landfill. Gas readings were monitored until March 2006. Average gas in GM7 prior to installation 37.5%; 0.6% after installation. Report on stage 1 submitted to EPA.
April 2006	Application is made to the EPA regarding decreasing monitoring to quarterly due to the stabilisation of the landfill; variation of the licence is dated August 2006.
October 2006	Full scale version of trench constructed and PRP regarding the trench removed from the EPL.
October 2006 to Present	Monitoring undertaken quarterly as required by EPL 123 (VGT)
October 2013	Mulch replaced over biofilter trench, repairs to observation wells.
July 2017	Landfill gas wells GM12 – GM32 installed by DLA
August 2017 - ongoing	Landfill gas monitoring of GM12 – GM32 undertaken by DLA/ERM
July 2018 to May 2019	Remainder of biofiltration trench constructed
June 2019	Landfill Gas Risk Assessment of Stage 1 completed. This report includes review of the data which was collected for the validation of the effectiveness of the BT
September 2020	Landfill Gas Risk Assessment of Stage 2 completed. This report includes review of the data which was collected for the validation of the effectiveness of the BT

2.3 Environmental Setting

The environmental setting and surrounding environment are detailed in the LCP (EGIS 1999), RAP (DLA 2017) report with summary information also provided in the LFGRA (DLA 2017) report which are referenced in Section 6. These conditions were further investigated and refined in two LFGRA which assess the risk to Stage 1 (2019 BSA) and Stage 2 (DBD 2020) which immediately adjoin the former Camide Landfill. The site setting includes the wider background of the setting which includes the quarry operations (by PGH Bricks & Pavers), the surrounding adjacent sites and the former Camide Landfill (specifically Landfill Gas). A summary of the key information from these reports is provided in the following sections.

2.3.1 Regional Geology

The 1:100,000 Soil Landscape Sheet for Penrith (9030, 1989) shows the landform to comprise the Blacktown Unit with gently undulating rises on Wianamatta Group bedrock with slopes usually <5% and broad round hill crests.

The Blacktown Unit is described as a 'Residual Landscape'. The soils of this unit comprise hard setting, mottled texture contrast soils, including shallow (<1.5m) red and brown podsols on the crests, grading to deeper (>2m) yellow podsols on the lower slopes and near drainage lines. This unit is associated with known salinity and dispersive hazard, particularly in lower slopes and streamlines where soils have the potential to become waterlogged.

2.3.2 Site Specific Geology

Previous investigations have indicated that the Site contains red podzolics with brown silty to clay loam topsoils and dark red sub plastic medium clay subsoils which are in turn underlain by weathered sandstone, shale and siltstone bedrock encountered at depths ranging from 0.9 to 5.2 metres.

2.3.3 Hydrology and Hydrogeology

The structural and textural characteristics of the Bringelly Shale underlying the Site and of the Wianamatta Group determine the hydrological regime of the region. Claystones, siltstones and sandstones underlying the Site are of negligible porosity and permeability due to the fine-grained nature and the degree of intergranular cementation. Groundwater in these formations is stored and migrates principally through fractures and joints.

Surface clays derived from the weathering and alteration of the Bringelly Shale form a capping layer over the underlying and less weathered rock mass restricting infiltration and groundwater recharge. The limited groundwater recharge and low permeability results in poor flushing of the rock mass, leaving connate salts within the sediments. As a result, high salinity and low yield are a common trait of the groundwater within the Wianamatta bedrock.

The distribution of groundwater levels across the entire Site does not form a consistent pattern, locally the groundwater levels are influenced by the quarry voids. Overall a gradient exists in a north-westerly direction towards Ropes Creek. Typically, groundwater levels at the Site vary between 2 and 10 metres below existing natural ground levels.

2.3.4 Landfill Gas

Previous investigations of LFG at the Camide Landfill site have found elevated concentrations of landfill gases in perimeter wells at the south, north and eastern perimeter. Methane gas was measured in excess of 1%v/v (DLA 2016) which therefore does not comply with the investigation criteria. In response to these exceedances additional investigations including a Remediation Action Plan (DLA 2017) and installation of a biofiltration trench (BT) around the perimeter of the waste mass has been executed and validated along the northern boundary by three rounds of monitoring data (5th April 2019, 17th April 2019 and the 10th May 2019). It should be noted that the western portion of the BT was previously validated by Dever (2009) and the southern and eastern portions of the trench have only one round of validation monitoring.

Results of the post installation monitoring at perimeter locations outside of the BT in May 2019 indicate a reduction of methane concentrations to below the threshold concentration of 1%v/v. The subsequent

monitoring of the northern portion of the BT undertaken by Biogas Systems on the 22nd May 2019 and 19th June 2019 confirmed the effectiveness of the BT as reported in Stage 1 Landfill Gas Risk Assessment Horsley Park 2019. This monitoring confirmed the effectiveness of the northern portion of the BT in the direction of the closest commercial / industrial land user.

In order to assess the gas migration (pathways) from the former landfill (source) to the Stage 2 development (receptor) newly installed perimeter wells were installed and monitored in an intensive six-week program. The risk assessment undertaken relies predominantly on the data gathered from the continuous monitoring locations and six weeks of spot monitoring of the new and relevant existing LFG wells. In addition to this intensive investigation, historical spot monitoring and groundwater level data has been utilised where it is deemed suitable for this risk assessment.

The data gaps addressed in this assessment include the re-establishment of a perimeter well spacing of 20m through additional locations and replacement of wells, more thorough investigation of conditions utilising continuous gas monitor, confirmation of borehole flow using a GFM, dipping of groundwater wells on multiple occasions to gain an understanding of groundwater elevation respective to the biofiltration trench and investigation of the effectiveness of the biofiltration trench.

Under current site conditions LFG at the Stage 1 and Stage 2 developments are not considered to pose an unacceptable risk to on-site human receptors. The LFG risk between Stage 1 and Stage 2 and the former Camide Landfill was determined to be Low (CS2) based on the Level 2 risk analysis and assessments completed for each adjoining site. There are no current sources on the Stage 1 and Stage 2 sites (except for CO2 in validated geotechnical fill). The only plausible pathways and therefore potential risk is only fully realised when ground gas can migrate beneath or through the biofiltration trench.

The surveyed depth of the trench is known from as constructed drawings, confirmation of the current perimeter well network elevation and depth in meters Australian Height Datum has been identified as a data gap requiring future work. The current assessment of the depth of groundwater and the depth of the biofiltration trench has been calculated using as constructed survey (relative levels) and field measurements meters below ground surface. More accurate confirmation of these elevations will provide more certainty that migration beneath the biofiltration trench is not occurring.

The Level 1 risk analysis and assessment identified services in proximity to the landfill as a potential receptor with a moderate qualitative risk. The services present on the Camide landfill are limited to stormwater which is collected along the western boundary and discharged by gravity to the north of the Stage 1 devleopment. This is the only plausible pathway for gas migration through services from the former Camide Landfill. There are no proposed or existing services between Stage 2 and the former Camide Landfill.

Based on the findings of this landfill gas risk assessment, the risk of landfill gas migration from the former Camide Landfill onto the Stage 1 and Stage 2 developments and causing harm to human health is considered low and no specific development constraints have been identified with the exception of ensuring that the buildings are constructed with a reinforced concrete ground-bearing foundation raft slab with limited service penetrations cast into slab.

3 LANDFILL GAS MANAGEMENT

3.1 Introduction

Landfill gas is being generated from the landfill and has the potential to migrate for a period of 10-20 years at levels that may cause harm to human health of the environment. Although significant investigations and remediation to prevent lateral migration (specifically the Biofiltration Trench) has been completed, the gas mitigation measure should be validated, and site conditions assessed over time.

The long-term monitoring of LFG is required to account for changing site conditions, climatic conditions and any natural disasters that may alter the effectiveness of the gas mitigation measures.

The term 'hazardous ground gas' is applied to both gases and vapours that may be present within the pore space of soils and rocks and may impact adversely upon human health and safety or the integrity of structures and may consequently affect activities such as the construction and management of buildings. Such gases or vapours may be of natural or anthropogenic origin.

The ground gases that are generally of concern in this context are:

- Methane, carbon dioxide, carbon monoxide, petroleum vapours, hydrogen, hydrogen sulphide, radon, volatile organic compounds (VOCs).

Of concern at the former Camide Landfill is the presence of methane and carbon dioxide in high concentrations.

- Methane (CH_4) is a flammable gas that is explosive in the concentration range 5–15% v/v in air (somewhat different ranges may apply in atmospheres with enhanced or reduced oxygen concentrations). It is also potentially an asphyxiant if its presence results in a low oxygen concentration. It is less dense than air and has a distinct odour.
- Carbon dioxide (CO_2) is an asphyxiant and toxic gas that is significantly denser than air and is odourless.

This EMP is the document to assist stakeholders manage landfill gas and ensure the performance of the gas mitigation measures until evidence suggest there is no longer a risk to surrounding land users.

3.2 Regulatory Requirements

The following laws, and relevant associated regulatory instruments, have been considered in the preparation of this EMP.

- Protection of the Environment Operations (POEO) Act 1997.
- Environment Planning and Assessment (EP&A) Act 1979.
- Contaminated Land Management (CLM) Act 1997.

The site is no longer an operating landfill, however, still maintains an EPL. The proposed screening criteria for the objective of this EMP is to provide a landfill gas management plan that will be enforced to ensure protection of surrounding land users from the former Camide Landfill. Therefore, the application of screening criteria from the Assessment and Management of Hazardous Ground Gases (NSW 2019) are the most applicable for the assessment of risk to surrounding sites posed by the former landfilling activities.

3.2.1 Environmental and Safety Plans

It is acknowledged that there are environmental and WHS risks associated with any works completed within the landfill site. This EMP has not specifically outlined the requirements for management of future potential civil works which may include excavation for maintenance and installation of services as these risks vary depending on the scope of works. The management of these future works will be required to be addressed in a standalone Construction Environmental Management Plan (CEMP) prepared by a suitably qualified

consultant or contractor specific to the works. The CEMP will include associated safety and environmental management requirements associated with ground disturbance activities with particular reference to hazardous gases, confined space, reinstatement and rectification or cap and the biofiltration trench as required. Any changes to site conditions will need to be reflected in an updated EMP to ensure risk is properly managed and monitored.

3.3 LFG Migration Controls

3.3.1 Landfill Cap

A landfill cap consisting of 1m clay and 0.5m landscaping material has been constructed at the site. The purpose of the cap is to reduce infiltration and reduce surface gas emissions. The landfill cap should be maintained to ensure continued performance. Performance of the cap will be assessed through surface monitoring and inspections as outlined below.

3.3.2 Perimeter Biofiltration Trench

The biofiltration trench should be maintained to ensure continued performance. This includes topping up the trench with coarse mulch as required and ensuring that the biofiltration media remains moist, particularly during the drier months. Monitoring and management of the biofiltration trench should be conducted in accordance with the handbook for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system (NSW DECC, 2010). Performance of the biofiltration trench will be assessed through surface monitoring and inspection as outlined below.

3.4 Adopted Threshold Criteria

The following table outlines the adopted threshold criteria to be applied to subsurface, surface and biofiltration trench emissions and enclosed space monitoring. The summary Table 4 below highlights the key criteria and the section below detail each aspect of monitoring.

Table 4 – Subsurface Gas Monitoring Locations

Aspect	Parameter	Threshold (NSW EPA 2019)
Subsurface	Methane (CH4)	1 %v/v
	Carbon dioxide (CO2)	1.5%v/v above historical
	Carbon monoxide (CO)	5ppm (Limit of Instrument error)
	Hydrogen sulphide (H2S)	5ppm (Limit of Instrument error)
	Water Level	Depth to water exceed the total
Surface Emissions	Methane (CH4)	500ppm (0.05%v/v)
	Windspeed	10 km/h
Biofiltration Trench	Moisture (Hand Squeeze)	50-60% Moisture*
Enclosed Space Monitoring	Methane (CH4)	1%v/v
	Carbon dioxide (CO2)	1.5%v/v
	Carbon monoxide (CO)	5ppm (Limit of Instrument error)
	Hydrogen sulphide (H2S)	5ppm (Limit of Instrument error)

*Field test commonly used in composting, refers to requirements in the handbook for Biofiltration (NSW DECCW, 2010)

3.5 Subsurface Gas Monitoring (Perimeter LFG Wells)

3.5.1 Requirements

The perimeter well network was established to monitor the lateral migration of LFG from the landfill. Post installation of the BT these perimeter wells act as trigger wells to monitor the effectiveness of the gas mitigation

measure. These perimeter wells are required to be operational to monitor the effectiveness of the trench and inform future landfill gas risk assessments if possible.

3.5.2 Objectives

The objective of the subsurface gas monitoring is to detect lateral migration of landfill gas across the biofiltration trench and measure the potential risk to off-site properties.

3.5.3 Monitoring Locations

Subsurface monitoring should be undertaken on all landfill gas monitoring wells for the Camide Landfill however the specific wells required to monitor conditions which may impact Stage 2 are outlined in Table 5 below. Monitoring locations are shown on Figure 2. Subsurface monitoring should be undertaken in accordance with NSW EPA *Environmental Guidelines: Solid Waste Landfill* (SWLG 2016).

Table 5 – Subsurface Gas Monitoring Locations

Well ID	Inside or Outside Trench
GM1	Outside
GM6	Outside
GM7	Outside
GM8	Outside
GM9	Outside
GM10	Outside
GM12	Outside
GM13	Outside
GM13A	Outside
GM14	Outside
GM15	Outside
GM15A	Outside
GM17	Outside
GM18	Outside
GM20	Outside
GM21	Inside**
GM22	Inside**
GM23	Outside
GM25	Outside
GM26	Outside
GM27	Outside
GM28	Inside**
GM29	Inside**
GM30	Outside
GM31	Outside
GM32	Outside
GM33	Outside
GM34	Outside
GM35	Outside
GM36	Outside
GM37	Outside
GM38	Outside

Well ID	Inside or Outside Trench
GM39	Outside
GM40	Outside
GM41	Outside
GM42	Outside
GM43	Outside / Background
GM44	Outside

'**' These wells are included in the monitoring program to provide data over time of the landfill gas conditions. They are not to be assessed against the threshold criteria for action due to their location on the inside of the biofiltration trench.

The condition of each LFG well should be noted on field forms and confirmation as operational or not for the purpose of LFG monitoring. In the event that a monitoring well becomes unsuitable for purpose then the replacement of the monitoring wells should be considered with respect to the overall coverage of the monitoring network.

3.5.4 Landfill gas analyser

Monitoring subsurface wells with a GA5000 LFG gas analyser (or equivalent) will be used to assess concentration of typical landfill gas constituents listed below in Table 6. The performance specification of the LFG analyser is presented in Table 6 below. The monitoring procedure for landfill gas well monitoring and bump test quality control requirements are provided in Appendix D.

Table 6 – Specification for handheld gas monitors

Range	CH_4	0 - 70% to specification, 0-100% reading		
	CO_2	0 - 40% to specification, 0-100% reading		
	O_2	0 - 25%		
	CO	0 – 200 ppm		
	H_2S	0 – 200 ppm		
	Flow	± 3.0 L/hr		
	Pressure	± 4.0 mb		
Typical accuracy	**Gas**	**0-5 %v/v**	**5-15 %v/v**	**15 %- Full Scale (FS)**
	CH_4	±0.5%	±1.0%	±3.0%
	CO_2	±0.5%	±1.0%	±3.0%
	O_2	±1.0%	±1.0%	±1.0%
	Gas		**0-FS**	
	CO (0 – 500 ppm version)		±10.0% FS	
	CO (0 to 2000 ppm, H_2 compensated version)		±10.0% of reading or 15 ppm, whichever is greater	
	H_2S (0 - 200 ppm)		±10.0% FS	

Table 7 – Subsurface Gas Monitoring Parameters

Parameter	Unit of Measurement
Methane (CH_4)	%v/v
Carbon dioxide (CO_2)	%v/v
Carbon monoxide (CO)	ppm
Hydrogen sulphide (H_2S)	ppm
Oxygen (O_2)	%v/v
Flow rate	Litres/hour
Pressure	mb (equivalent to Hpa)
Water level	mbgl

Table 8 – Subsurface Gas Monitoring Threshold

Parameter	Threshold (NSW EPA 2019)
Methane (CH_4)	1 %v/v
Carbon dioxide (CO_2)	1.5%v/v above historical background levels or above the identified background level reported in GM43 (Appendix B)
Carbon monoxide (CO)	5ppm (Limit of Instrument error)
Hydrogen sulphide (H_2S)	5ppm (Limit of Instrument error)
Water Level	Depth to water exceed the total depth of the biofiltration trench

In the event that a threshold concentration is exceeded this will trigger additional investigation in the form of data interrogation (QA/QC) and potentially resampling of the location(s) that exceeded the threshold. The background levels for carbon dioxide have been taken from the post BT installation or the highest reported background CO2 concentration reported at GM43 as shown in the table in Appendix B. The initial screening assessment against adopted criteria provides the first pass investigation of the gas conditions. Following the screening assessment results are to be plotted against historical and assessed for increasing trends. In the event of an increasing trend for LFG constituent's further investigation into the risk this increasing concentration will have on the adjacent Stage 2 development and occupants.

The water level threshold is a secondary indicator of the BT effectiveness and should be considered with gas concentration reported at the same location. In the event that gas concentration has exceeded threshold criteria and show a reported increasing trend comparison of trench invert levels and standing water levels mAHD should be reviewed. More intensive monitoring of groundwater conditions may be required to determine the period that a potential pathway exists beneath the BT.

This increased risk (if identified) could result in a Tier 3 risk assessment with Vapour Intrusion (VI) modelling or fast tracking future contingency measures of implementing an active gas extraction system.

The timing of the monitoring and frequency of the monitoring events is outlined in Table 9.

Table 9 – Subsurface Gas Timing and Frequency

Action Item	Frequency	Timing
Subsurface gas monitoring	Quarterly	February, May, August, November

The quarterly monitoring should continue for a period of 24 months following the implementation of this EMP. After a period of 24 months a review of the LFG trend should indicate a stable or reducing concentration trend for both methane and carbon dioxide and have reported below 1%v/v and 1.5%v/v (or established background) respectively for a period of 24 months.

In the event that a well(s) is reported dry at total depth an investigation of well integrity and weekly investigation of water levels and gas concentrations should be undertaken to assess the risk of off-site migration and effectiveness of the BT. If the well(s) experiences extended dry conditions a landfill gas risks assessment should be undertaken to determine the effectiveness of the BT and reassess the potential LFG risk to surrounding land users.

3.5.5 Reporting

Quarterly and annual reporting requirements as outlined in Section 5.

If methane concentrations exceed 1.25 %v/v (25% of the lower explosive limit) in the perimeter wells during monitoring, reporting to EPA is required as outlined in Section 60(4) of the CLM Act requires a person who has a duty to report contamination to notify the NSW EPA.

In the event that corrective actions are required reporting in the form of individual reports detailing the investigations undertaken will be submitted to the Project Manager, Site Owner and passed on to the appropriate regulatory authorities and notification to adjacent property owners where required.

3.5.6 Corrective / Contingency Actions

If methane concentrations exceed 1%v/v and other LFG constituents (CO2, H2S, CO) report data that represents an increasing trend within perimeter monitoring wells. an increase in testing frequency should be undertaken. The initial response will be to increase testing frequency based on a review of the data by the Environmental Consultant. Indicatively the initial assessments would be daily until stabilised then return to quarterly.

If exceedances of landfill gases are persistent and an increasing concentration trend is established over a period of three consecutive monitoring events this will trigger an update to the 2017 LFG Risk Assessment for the Camide Landfill (DLA, 2017), Stage 1 LFG Risk Assessment (DBD 2019) and Stage 2 LFG Risk Assessment (DBD 2020) to address the potential risk to off-site receptors. A landfill gas risk assessment should be undertaken in accordance with Guidelines for the Assessment and Management of Sites Impacted by Hazardous Ground Gases (NSW 2019) to determine additional LFG mitigation options.

Notifications will be made to the adjacent property owners/management if an update of the Stage 1 LFGRA and Stage 2 LFGRA is required (i.e. increasing concentrations trend and off-site service monitoring is required)

If a potential risk to off-site land uses is identified (via increasing trend in the perimeter monitoring wells over three consecutive events) in the routine monitoring or subsequent follow up monitoring of the off-site services, mitigation measures should be implemented in accordance with recommendations of the updated landfill gas risk assessment.

3.6 Surface Gas and Biofiltration Trench Monitoring

3.6.1 Requirements

The landfill has been capped to reduce water infiltration and vertical landfill gas migration. To ensure the ongoing performance of the cap, monitoring and maintenance is required.

3.6.2 Objectives

The objective of the surface gas monitoring is to demonstrate that the landfill cap is effective in controlling the emission of landfill gas and reducing infiltration. Monitoring the surface of the landfill should locate any point sources that may be emitting landfill gas.

3.6.3 Performance Indicators

- Methane concentrations do not exceed 500 ppm
- No large cracks or erosion noted
- Biofilter media in good condition, at correct moisture levels and has not subsided

3.6.4 Monitoring Requirements

Surface monitoring should be undertaken on the landfill in accordance with SWLG 2016 and EPL 123. Biofiltration trench monitoring should be undertaken in accordance with the handbook for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system (NSW DECCW, 2010)

3.6.5 Surface and utility pit gas analyser

Surface gas monitoring should be undertaken with a device with a detection sensitivity for methane of less than 100 ppm. An RKI Eagle 2 or TDL 500 instrument (or equivalent) is the preferred instrument with the required detection limit. Preferred instrument specification is summarised in Table 10 and the units of measurements and threshold for further investigation are outlined in Table 11. The monitoring procedure for surface walkover is outlined below and the bump test requirements are provided in Appendix D.

Table 10 – Surface gas analyser specification

Item	Range
Response Time, T90	CH4 - 4.5 seconds T10 standards: 2 seconds with suction rod T90: 6 seconds with suction rod T10: < 3.5 seconds
Gases Measured	CH4 by laser spectroscopy
Range	CH4 - 0-10,000 ppm and 0 ppm to 100% gas volume
ATEX	II 2G Ex ib IIB T4
CE	94/9/CE directive dated March 23rd 1994

During the surface gas and biofiltration trench walkover the wind conditions should be gathered using a handheld anemometer and recorded frequently on field notes.

Table 11 – Surface Gas Monitoring Parameters and Threshold

Parameter	Unit of Measurement	Threshold (NSW 2019)
Methane (CH_4)	ppm or %v/v	500ppm (0.05%v/v)
Windspeed	km/h	10 km/h
Moisture (Hand Squeeze)	-	50-60% Moisture*

*Hand squeeze methodology is not a threshold regulated in the NSW EPA 2019 guidelines or in the biofiltration handbook (DECCW 2010). This is a field test used in composting to easily determine moisture content of a similar media to the material present in the biofiltration trench.

The criteria for rainfall should be considered and noted if rainfall occurs prior to the surface emissions investigation. Although these are recommended values, they are not always achievable in period of dropping barometric pressure and need to be considered during the reporting phases. The timing of the monitoring and frequency of the monitoring events is outlined in Table 12.

Table 12 – Surface Emissions Timing and Frequency

Action Item	Frequency	Timing
Surface gas monitoring	Quarterly	February, May, August, November

3.6.6 Surface Walkover Monitoring Procedure

Methane should be tested in the atmosphere 50mm above the landfill surface in areas with intermediate or final cover/capping. Testing should be conducted in a grid pattern across the landfill surface at 25-metre spacings. Depressions in the cover material, or surface fissures away from the sampling grid, should also be investigated. The monitoring should be performed on calm days (winds below 10 kilometres/hour) and preferably during periods of relatively low and stable atmospheric pressure (e.g. less than 101.3 kPa). The procedure above is based on the surface emissions monitoring section of '*Environmental Guidelines: Solid Waste Landfill*' 2016.

3.6.7 Biofiltration Monitoring and Management

The following procedure for management and monitoring of the biofiltration trench has been taken from the NSW Department of Environment, Climate Change and Water 'Handbook *for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system*' (March 2010). Monitoring should occur quarterly plus after significant rainfall events e.g. > 20 mm of rainfall. Monitoring should also occur more regularly during drought to check the moisture levels of the biofilter media. Regular monitoring should include:

A regular inspection of the biofilter to assess the following:

- odours from the biofilter.
- condition of the biofilter media including settlement, formation of a surface crust, scouring, and / or desiccation of the media.
- moisture content of the upper layers of the biofilter media.
- ponding of water on the surface of the biofilter media.
- condition of vegetation growing on the biofilter surface, including weeds / unwanted vegetation; and
- condition of surface water management measures.

Monitoring of the following:

- composition and flow of landfill gas from the passive drainage system(s) to the biofilter(s) emissions / flux from the surface of the biofilter (methane and carbon dioxide).
- moisture content of the upper layers of the biofilter media, particularly in a dry / hot climate / drought condition; and
- depth of drainage water in the gas distribution layer / biofilter media.

The hand squeezed method for moisture determination is commonly used in the organics processing industry.

The simple method is as follows:

- Take a tennis ball sized sample of the organic material in your hand. Be aware of sharp objects.
- Squeeze the organic material like a firm handshake.
- Open your hand and inspect the organic material.

Results - If free water is released the organic material is too wet. If the organic material crumbles and falls apart it is too dry. If the organic material stays together the moisture content is correct (50-60%).

Maintenance of a passive gas drainage and biofiltration system is dependent on the results of monitoring and may involve the following:

- drainage of water from the aggregate gas distribution layer if the biofilter is in box / above ground or lined
- maintaining vegetation growth on the biofilter media e.g. mowing, trimming, weed removal and disposal
- topping up the media to overcome media settlement, if required

- turn / fork upper layer of media, as required, when / if a crust forms
- addition of a wetting agent to the biofilter media (upper layers), if found to not be holding water
- replacement of the upper layers of the biofilter media, if the crust too hard to break up and / or a wetting agent does not work.

Replacement of the biofilter media, if required, as determined by monitoring. Indicators may include:

- reduced biofilter performance i.e. methane oxidation rate
- large / excessive settlement, which may adversely affect media porosity and subsequently gas and water movement through the biofilter media
- ponding of water on the surface of the biofilter, which may indicate clogging and
- clogging of the biofilter media, which may be due to settlement, microbial growth or EPS formation, and which may adversely affect media porosity and subsequently gas and water movement through the biofilter media.

The biofilter media should be pre-mixed off site (at the source / producer of the materials) and delivered to site immediately prior to placement in the biofilter, to minimise construction time and storage on site, and consequently minimise potential odours or contamination of stormwater runoff.

Excavated waste should be disposed of immediately after excavation at an approved waste disposal site. Landfilled waste should not be stockpiled on the site.

3.6.8 Reporting

Quarterly and annual reporting requirements as outlined in Section 5.

In the event that corrective actions are required reporting of in the form of individual reports detailing the investigations undertaken will be submitted to the Project Manager, Site Owner and passed on to the appropriate regulatory authorities where required.

3.6.9 Corrective Actions

If methane concentrations exceed 500 ppm corrective action is required. Initial response is to complete additional walkovers with increased frequency (initially daily until conditions report below the adopted criteria). Flux (emissions) monitoring would then be conducted to quantify emission rates and help identify the extent of gas loss through the biofiltration trench.

The increase in methane concentrations above 500ppm at the surface may indicate a failure in the biofiltration media. After initial investigations the following actions, guided by the findings and observations of the biofiltration trench may include but not be limited to:

- Repairing or replacing cover material (spent biofiltration media).
- Repairing or replacing underlying porous material (clear any blockages).
- Adjustment or installation of landfill gas controls to extract and treat gas.

3.7 Gas Accumulation in Enclosed Structures

3.7.1 Requirements

Monitoring of the potential for LFG to accumulate in subsurface pits and enclosures (i.e. stormwater pits, telecommunication, power pits, irrigation pits etc) on or near the landfill to ensure gas is not accumulating to dangerous levels.

Landfill gas is primarily made up of methane, carbon dioxide, carbon monoxide and hydrogen sulphide and must not accumulate in buildings. Methane is explosive in the range of 5% to 15% (volume/volume), and landfill gas can be an asphyxiant in enclosed spaces.

3.7.2 Objectives

The objective of the subsurface structure gas monitoring is to monitor gas build up which may have the potential to be explosive risk on site and have the potential to migrate off-site to surrounding land users.

3.7.3 Performance Indicators

- Methane concentrations do not exceed 1 %v/v (NSW 2019)

3.7.4 Monitoring Requirements

Gas accumulation monitoring in enclosed structures monitoring should be undertaken in accordance with SWLG 2016 and the procedures outlined in Appendix D. Monitor potential gas accumulation in subsurface structures which do not have preventative measures installed. These monitoring points should include the stormwater pits which run to the north across into Stage 1 from the landfill site as shown on Figure 3 and Table 13 below. The monitoring procedure for landfill gas monitoring of enclosed structure and bump test quality control requirements are provided in Appendix D.

Table 13 – Enclosed structures identified for monitoring

Enclosed Structure ID	On-site Structure
SW1	On-site (Inside BT)
SW2	On-site (Outside BT)

The stormwater pits collect surface water from the landfill capping and direct waters into the initial collection pit (SW1) which is located beneath the surface on the inside of the BT. This pit is connected to the next pit (SW2) which is located in the detention basin to the north and then connects into a stormwater management system which moves to the north along the western boundary of the Stage 1 property to discharge near Burley Road.

It should be noted that the future plans indicate an adjacent road to the west of the landfill which will include services including, but not limited to, stormwater. These future locations should be included in updated versions of the EMP or noted and incorporated into the monitoring schedule.

3.7.5 Landfill gas analyser

Monitoring of utility pits with an LFG gas analyser (GA5000 or equivalent) will be used to assess concentration of typical landfill gas constituents. The performance specification of the LFG analyser is presented below in Table 14 and the units of measurement are provided in Table 15. The threshold for LFG gas concentrations in enclosed structures is presented in Table 16 with other gases to be recorded for information rather than a threshold for action.

Table 14 – Specification for handheld gas monitors

Range	CH_4	0 - 70% to specification, 0-100% reading		
	CO_2	0 - 40% to specification, 0-100% reading		
	O_2	0 - 25%		
	CO	0 – 200 ppm		
	H_2S	0 – 200 ppm		
	Flow	± 3.0 L/hr		
	Pressure	± 4.0 mb		
Typical accuracy	**Gas**	**0-5 %v/v**	**5-15 %v/v**	**15 %- Full Scale (FS)**
	CH_4	±0.5%	±1.0%	±3.0%

	CO_2	±0.5%	±1.0%	±3.0%
	O_2	±1.0%	±1.0%	±1.0%
	Gas		**0-FS**	
	CO (0 – 500 ppm version)		±10.0% FS	
	CO (0 to 2000 ppm, H_2 compensated version)		±10.0% of reading or 15 ppm, whichever is greater	
	H_2S (0 - 200 ppm)		±10.0% FS	

Table 15 – Enclosed Structure Gas Monitoring Parameters

Parameter	Unit of Measurement
Methane (CH_4)	%v/v
Carbon dioxide (CO_2)	%v/v
Carbon monoxide (CO)	ppm
Hydrogen sulphide (H_2S)	ppm
Oxygen (O_2)	%v/v

Table 16 – Enclosed Structure Gas Monitoring Threshold

Parameter	Threshold (NSW 2019)
Methane (CH_4)	1%v/v
Carbon dioxide (CO_2)	1.5%v/v
Carbon monoxide (CO)	5ppm (Limit of Instrument error)
Hydrogen sulphide (H_2S)	5ppm (Limit of Instrument error)

In the event that a threshold concentration is exceeded this will trigger additional investigation in the form of an initial data interrogation and resampling of the location(s) that exceeded the threshold. The timing of the monitoring and frequency of the monitoring events is outlined in Table 17.

Table 17 – Enclosed Gas Timing and Frequency

Action Item	Frequency	Timing
Enclosed structure gas monitoring	Quarterly	February, May, August, November

3.7.6 Reporting

Quarterly and annual reporting requirements as outlined in Section 5.

If methane concentrations exceed 1.25 %v/v (25% of the lower explosive level) in the enclosed structure during monitoring, reporting to EPA is required as outlined in Section 60(4) of the CLM Act requires a person who has a duty to report contamination to notify the NSW EPA.

In the event that corrective actions are required reporting of in the form of individual reports detailing the investigations undertaken will be submitted to the Project Manager, Site Owner and passed on to the appropriate regulatory authorities and adjacent property owners where required.

3.7.7 Corrective Actions

If methane concentrations exceed the adopted threshold criteria within enclosed structures, an increase in testing frequency should be undertaken. The increase in frequency should be determined based on a review of the data by the Environmental Consultant. Indicatively the initial assessments would be daily until stabilised then return to quarterly.

If exceedances of landfill gases are persistent and an increasing concentration trend is established there is a potential risk to off-site receptors. A landfill gas risk assessment should be undertaken in accordance with *Guidelines for the Assessment and Management of Sites Impacted by Hazardous Ground Gases (NSW 2019)* to determine additional LFG mitigation options.

If a potential risk to offsite land uses is identified, mitigation measures should be implemented in accordance with recommendations of and updated landfill gas risk assessment.

These may include application of proprietary products (sealants i.e Sikaflex) that seal the inside of pits alterations to the pit lids (i.e. fireproof mesh) and or ventilation.

3.8 Data Collection

To ensure the data collected is of sufficient quality and can be relied upon the works should be undertaken by a suitably qualified person. The methodologies for collection of data should be undertaken in accordance with SWLG 2016 and industry best practice.

All equipment used for the collection of data should have appropriate detection levels and accuracy for the monitoring undertaken. Calibration certificates and other quality assurance and quality control procedures undertaken should be documented and discussed in the annual report.

In preparation for each monitoring event weather conditions including rainfall, windspeed and barometric conditions before during and after each monitoring event should be downloaded from the Bureau of Meteorology (BOM). Specifically, BOM data should be collected from the nearest weather station (Badgerys Creek) that collects this data at the required frequency.

The required field forms to complete the field data collection are provided in Appendix C.

4 ROLES AND RESPONSIBILTIES

The roles and responsibilities for execution of the EMP is outlined in Table 18 below.

Table 18 – Roles and Responsibilities for the EMP

Responsible party	Task
CSR Building Products Limited (Site Owner)	Implementation of EMP including the following: ▪ Maintains ultimate responsibility for implementation of the EMP. ▪ Acknowledge that the EMP is an important document for the safe operation and management of the Site. Make an executive manager responsible for implementation. ▪ Appoint a project manager and an environmental consultant, to perform the necessary tasks as specified in the EMP. ▪ Provide this EMP to purchasers, tenants and contractors, or delegate this role to the owner's solicitor or agent. ▪ Ensure that potential future purchasers of the former Camide Landfill Site are aware of remediation works that have been undertaken and the need to develop their own ongoing management measures to ensure that the integrity of the gas mitigation system is not compromised and that there is no unacceptable risk to building occupants as a result of Hazardous Ground Gas (HGG) intrusion. ▪ Review plans for future works and associated method statements as required, to check that adequate environmental management measures are incorporated into the planning and are aligned with this EMP. ▪ Ensure monitoring works are being conducted and reported to the Site Auditor (if required) in compliance with the requirements included in this EMP. ▪ Maintenance of any site controls or protection measures which form part of this EMP. ▪ Maintenance of the document so that it continues to reflect the site conditions, best practice occupational health and safety recommendations and any changes to the regulatory framework ▪ Maintenance of the document so that it continues to reflect the site conditions, best practice occupational health and safety recommendations and any changes to the regulatory framework ▪ Submit reports to the appropriate regulatory authority or adjacent site owners where required. ▪ Notify the NSW EPA when required as outlined in Section 60(4) of the CLM Act.
Project Manager	▪ Provide competent and suitably qualified personnel for the investigation and/or monitoring of environmental matters. ▪ Liaise with the site owner on environmental management issues. ▪ Coordinate the activities of specialist sub-consultants, testing sub-contractors and project personnel with environmental assessment/monitoring responsibilities. ▪ Assess the suitability of specialist sub-consultants, testing organisations to carry out environmental assessment monitoring/responsibilities.
Environmental Consultant	▪ Undertake monitoring of landfill gas as outlined in this EMP to assess the integrity of the cap and gas mitigation system to validate that there is no unacceptable risk to site users as a result of HGG. ▪ Ensure QA/QC procedures according to the Australian Standards and NEPC guideline requirements are employed. ▪ The Environmental consultant will be complying with statutory requirements applicable to their work, reporting any incidents that may result health or environmental risk arising in connection with their work, and provide monitoring data to the Project Manager and Site Owner in a timely manner.

Responsible party	Task
	▪ Provide assessment reports the with recommendations, as required, based upon the results obtained during investigation / monitoring works.
Employees and Caretakers of the former Camide Landfill	▪ Notify the site owner or its representative of any situation which they consider may represent a potential health risk (such as unexpected finds). ▪ Respond to the directions of the site owner, project manager or other person with delegated authority with respect to environmental matters. ▪ Do not undertake any works (without the permission of the site owner) which may potentially cause environmental impacts (such as disturbance of the landfill capping layer).
Contractors and maintenance workers	▪ Subcontractors employed during any future works will have contractual obligations placed on them to comply with the EMP. As part of the tender briefing process, potential subcontractors should be made aware of their obligations to minimise the environmental impacts of their works. ▪ Subcontractors and suppliers will be required to attend inductions where specific environmental issues are addressed if deemed appropriate. They will be made aware of their requirements to adhere to the EMP in the induction program. ▪ Ensure that risks have been assessed and suitable control measures implemented where the site cap will be disturbed. ▪ Ensure the gas mitigation system and capping are protected during future works. ▪ Ensure that operatives are briefed on the presence of contaminated material below the cap and the potential for landfill gas in trenches, excavations, enclosed voids or within the gas mitigation system.

4.1 Enforcement of the EMP

The responsible party for execution of the EMP will be the site owner (currently CSR Building Products Limited) who will ensure that the works are undertaken and where required threshold exceedances acted upon. In addition to this responsibility the following legal enforceability is outlined in the sale of contract as detailed below.

"Pursuant to the sale contracts between CSR Building Products Limited and the owners of Stage 1 (DP1259616 Lot 202 and DP1264857 Lot 301) and Stage 2 (DP1214912 Lot 103). Trust in respect of the sale of Lots 101 & 102, 327 – 335 Burley Road, Horsley Park CSR Building Products Limited is:

1. responsible to perform any continuing obligations (including under the EMP) which relate to Lots 101, 102 (Stage1 Development) and 103 (Stage 2 Development), 327 – 335 Burley Road, Horsley Park These lots are currently identified in six maps as DP1259616 Lot 202, DP1264857 Lot 301 and DP1214912 Lot 103 respectively.

2. entitled to gain access to Lots 101, 102 & 103, 327 – 335 Burley Road, Horsley Park to enable it to discharge those obligations.

CSR Building Products Limited's rights and obligations continue until its obligations are discharged and, for clarity, do not end with settlement of its sale of Lots 101, 102 & 103, 327 – 335 Burley Road, Horsley Park."

4.2 Currency of the EMP

The site owner is responsible for the site conditions and management of the former Camide landfill to ensure that the EMP is executed and risk to surrounding land users does not exist. The validity of the EMP is to an extent based on the site conditions remaining stable as a closed landfill with regular monitoring and maintenance.

In the event that the site conditions change (i.e. additional development on the landfill) or conditions on adjacent and surrounding sites change (i.e. additional underground services, roads etc) there may be a

requirement to assess these changes in a LFG risk assessment. Any minor changes that occur should be reported in the annual report and may not require a complete update of the risk assessment, however if considered significant by the Environmental Consultant a recommendation to review the pathway in a formal risk assessment should be made.

4.2.1 Perimeter Monitoring Network

The suitability of the perimeter monitoring network should be reviewed annually to ensure that the objectives of the EMP are being met. Consideration should be given to replace lost/destroyed wells to ensure the currency of the EMP and adequacy of the perimeter monitoring network to meet the minimum requirements of the intent of this EMP. This should be undertaken during the annual review as outlined in Section 5.

5 REPORTING/REVIEW

5.1 General

Quarterly monitoring will be reported in a summary letter outlining the works completed, weather conditions and a summary of exceedances. The report will also include tabulated data and compared to the relevant threshold criteria and a figure of the surface walkover survey. The quarterly report will be issued to the Site Owner who should act on any exceedances (if required).

Annual reporting of landfill gas results should be undertaken and submitted to the Site Owner for review and action where required. This report should include presentation of results over the previous 12 months. Any trends or significant results should be highlighted and explained. A review of the methodologies employed, and quality of the data collected should be presented within the annual report. The annual reporting should include an assessment of the risks present at the site boundary as per assessment procedures set out in NSW EPA (2019). Ongoing assessment of the Gas Characterisation Score as measured at the boundary will be utilised as an assessment of potential risk to adjacent properties and site users. Annual review of the monitoring program with regards to site configuration (i.e. development) should be documented in this reporting to capture any significant changes to the site configuration.

Technical reports must be prepared and signed by appropriately qualified and experienced persons. The NSW EPA recognises the CEnvP (SC) and CPSS CSAM certifications as providing a thorough process for certifying contaminated land consultants to an acceptable minimum standard of competency.

5.2 Incident Reporting

The EPA shall be notified of any incident that represents a threat to the environment. If methane is detected at concentrations above 1 % (volume/volume), the occupier must notify the EPA promptly. Within 14 days of this notification, the owner of the site must submit a plan to the EPA for further investigation and/or remediation of the elevated gas levels.

If an acute or explosive risk from ground gases is suspected then immediate action, including contacting relevant emergency services, should be taken to address the risk. It is possible that during ground gas investigations, the presence of gas that is positively or tentatively identified as originating from leaks in gas mains or other services may be detected. In these circumstances the service provider and, if appropriate, the emergency services (NSW Police, NSW Fire and Rescue) should be notified immediately.

5.3 Emergency Contacts

In the event of an incident which has resulted in an acute risk to human health or explosion then dial triple zero to request the required assistance. For incidents that are not considered to put human health in imminent danger then the Project Manager and/or the Site Owner should be notified. Details of the Project Manager and Site Owner should be provided during the site induction.

The list of contacts in Table 18 below outlines the contact details which may be called upon or require notification in an emergency situation.

Table 19 – Emergency Contacts List

Service	Number
All life threatening emergencies	000 (triple zero)
NSW State Emergency Services (SES) – emergency in floods and storms	132 500
NSW Police Assistance – Non-life-threatening calls	131 444
Inner West Council – Emergency after hours:	02 9392 5000
Ausgrid – Power failure, power lines down	13 13 88
Jemena Gas	13 19 09

Service	Number
Sydney Water	13 20 90
Telstra	13 22 03
Optus	13 13 44

5.4 Current and Future Site Conditions

The landfill site is currently a dormant site with no development presently within the allotment with the exception of stormwater bunds, detention pond and associated pits and pipes. The surface capping and access roads are at final leaves and are currently unsealed.

There are no proposed plans to develop the former Camide Landfill site with the only potential change in conditions to improve the gas management or in the event that gas migration measures are required to be implemented (i.e. active LFG extraction system.

In the event that future development is proposed or an active gas extraction system was proposed the works would likely have already triggered an assessment of LFG risk for the risk to on-site users.

5.5 Review

Annually the Environmental Consultant shall review the environmental performance of the site (to be included in the annual report). The review should:

- Analyse the monitoring results and compare them against the relevant statutory requirements, limits or performance measures/criteria and monitoring results of previous years.
- Identify any non-compliance over the last year and describe what actions were or are being taken to ensure compliance.
- Identify any trends in the monitoring data.
- Outline any actions that are required to be implemented to improve environmental performance.
- Identify any additional activities on-site and adjacent to site that may impact LFG migration pathways.
- Confirm or update the previous Characteristic Situation (CS) based on the update Gas Screening Values.

If actions or conditions arise that have altered the conditions of the site, then an additional LFG risk assessment should be completed to assess the risk to surrounding off-site users. In the event that the results of an updated LFGRA require additional LFG mitigation measures (i.e. active extraction) then the EMP should be reviewed and updated to reflect the significantly changes site conditions.

In undertaking a revision of the current EMP the following must occur:

- The site owner must inform the adjacent site owners of the change in conditions.
- If required notify the relevant authorities for environmental and planning changes (including but not limited to NSW EPA and Council).

6 REFERENCES

Biogas Systems Australia (BSA) 2019 – Landfill Gas Risk Assessment, Stage 1 Horsley Park NSW.

Biogas Systems Australia (BSA) 2019 – Environmental Management Plan Landfill, Horsley Park NSW (Stage 1).

Department of Environment, Climate Change and Water (DECCW, 2009) *Handbook for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system*.

Dever, S (2009) *Passive Drainage and Biofiltration of Landfill Gas: Behaviour and Performance in a Temperate Climate*. A thesis submitted in fulfilment of the requirements for the degree of Doctor of Philosophy. School of Civil and Environmental Engineering UNSW Sydney Australia.

Department of Environment, Climate Change and Water (DECC) 'Handbook *for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system*' (March 2010)

DBD Environmental (2020) - *Landfill Gas Risk Assessment, Stage 2, 327 – 335 Burley Road, Horsley Park NSW*

DLA (2013) *Phase 1 Preliminary Environmental Site Assessment, Lot 1 in DP 106143, CSR Building Products, 327 – 335 Burley Road, Horsley Park.* DLA Environmental.

DLA (2013) *Phase 2 Detailed Environmental Site Assessment, Lot 1 in DP 106143, CSR Building Products, 327 – 335 Burley Road, Horsley Park*. DLA Environmental.

DLA (2014) *Remediation Action Plan, 327 – 335 Burley Road, Horsley Park NSW 2175.* DLA Environmental.

DLA (2018) *Transpiration Area Assessment, 327 – 335 Burley Road, Horsley Park NSW 2175*. DLA Environmental (ERM).

DLA (2018e) V*alidation Report, 327 – 335 Burley Road, Horsley Park NSW 2175*. DLA Environmental (ERM).

DLA (2017) *Former Camide Landfill - Landfill Gas Risk Assessment, 327 – 335 Burley Road, Horsley Park NSW 2175.*

DLA (2017) *Former Camide Landfill – Validation Sampling, Analysis and Quality Plan, 327 – 335 Burley Road, Horsley Park NSW 2175.* DLA Environmental (Pacific Environment).

EGIS Consulting Australia (1999) *'Landfill Closure Plan for Camide Landfill, Horsley Park'*.

ERM (2019) *Landfill Gas Data Summary – Stage 1, Horsley Park NSW.*

ERM (2019) *Landfill Well Cover Letter.*

NEPC (1999) *National Environment Protection (Assessment of Site Contamination) Amendment Measure 2013* (No.1). National Environment Protection Council.

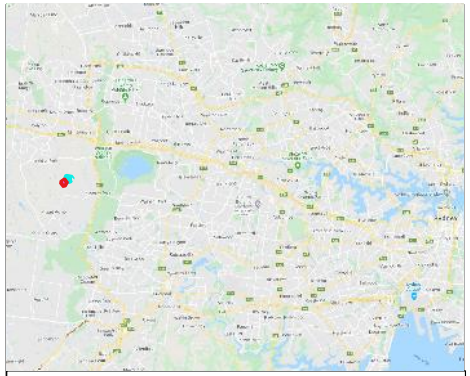
NSW EPA (2017) *Contaminated Land Management: Guidelines for the NSW Site Auditor Scheme 3rd edition.* New South Wales Environment Protection Authority.

New South Wales Environmental Protection Agency (2019), *'Guidelines for the Assessment and Management of Sites Impacted by Hazardous Ground Gases'*.

VIC EPA Publication 1684, (February 2018), *Landfill gas fugitive emissions monitoring guideline*.

New South Wales Environmental Protection Agency (2016), *'Environmental Guidelines: Solid Waste Landfill*'.

Appendix A: FIGURES



LEGEND

- Stage 1
- Stage 2A
- Stage 2B
- Stage 2C
- Stage 3

Site Boundary

- Former Carmide Landfill

0 0.1 0.2 km

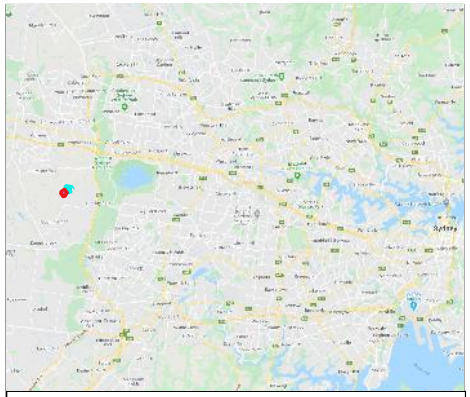
N

Job No. 0103	Revision No: 2
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 1 - Site Location Plan

biogas systems



LEGEND

Site Boundary

Former Carmide Landfill

Trench

Existing Trench

New Trench

Monitoring Wells

LFG

New LFG Location

Damaged / Decommissioned

0 10 20 30 40 50 m

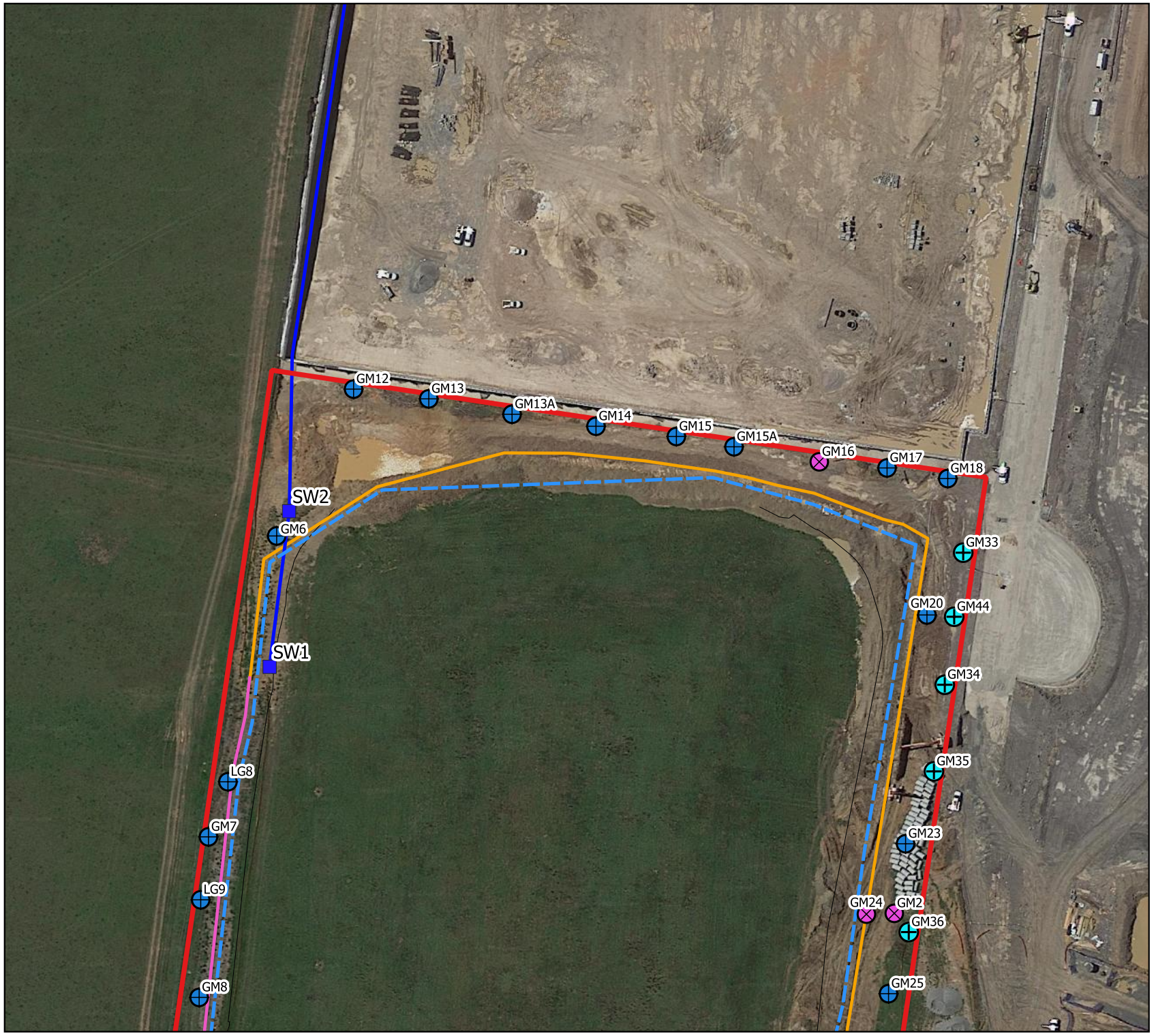
N

Job No. 0103	Revision No: 2
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 2 - LFG Well Locations

biogas systems



LEGEND

- Former Camide Landfill
- Existing Biofiltration Trench
- New Biofiltration Trench
- Extent of Waste
- SW Pits

Monitoring Wells

- LFG
- New LFG Location
- Damaged / Decommissioned

0 10 20 30 40 50 m

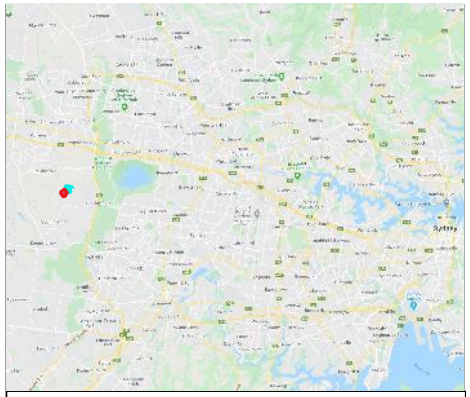
N

Job No. 0103	Revision No: 3
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 3 - Site Stormwater Pit Location

biogas systems



LEGEND

Site Boundary

Former Carmide Landfill

Trench

Existing Trench

New Trench

Monitoring Wells

Background Location

0 50 100 150 200 m

N

Job No. 0103	Revision No: 1
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 4 - Background LFG Well Location

biogas systems

Appendix B: CARBON DIOXIDE BACKGROUND CONCENTRATIONS TABLE

Table 1
Background Concentrations for Methane and Carbon Dioxide (Sept 2020)

Location	Stabilised Background Concentrations (1st September 2020)		Well Location inside /outside biofiltration trench	Well Location around the landfill
	CH_4	CO_2		
ID number	% v/v	% v/v		
GM1	0.0	6.4	Outside	EASTERN
GM6	0.0	6.4	Outside	WEST
GM7	0.0	6.4	Outside	
GM8	0.0	6.4	Outside	
GM9	0.0	6.4	Outside	
GM10	0.0	6.4	Outside	
GM12	0.0	6.4	Outside	NORTHERN
GM13	0.0	6.4	Outside	
GM13A	0.0	6.4	Outside	
GM14	0.0	6.4	Outside	
GM15	0.0	6.4	Outside	
GM15A	0.0	6.4	Outside	
GM17	0.0	9.5	Outside	
GM18	0.0	6.4	Outside	
GM20	0.6	10.3	Outside	EASTERN
GM21	1.0	6.4	Inside*	
GM22	40.9	21.1	Inside*	
GM23	0.0	9.8	Outside	
GM25	0.0	14.4	Outside	
GM26	0.0	17.2	Outside	
GM27	0.3	16.2	Outside	
GM28	25.3	19.7	Inside*	SOUTHERN
GM29	0.1	12.9	Inside*	
GM30	0.0	6.4	Outside	
GM31	0.1	12.5	Outside	
GM32	0.0	6.4	Outside	
GM33	0.2	6.4	Outside	EASTERN
GM34	0.1	6.4	Outside	
GM35	0.0	6.4	Outside	
GM36	0.0	6.4	Outside	
GM37	0.0	6.4	Outside	
GM38	0.0	6.4	Outside	SOUTHERN
GM39	0.0	6.4	Outside	
GM40	0.0	6.4	Outside	
GM41	0.0	6.4	Outside	
GM42	0.0	6.4	Outside	
GM43	0.0	4.9	Outside	Background
GM44	0.0	6.4	Outside	EASTERN
LG8	0.0	6.4	Outside	WESTERN
LG9	0.0	6.4	Outside	
LG10	0.0	6.4	Outside	

Note: The results are taken from ERM Raw data provided for review and the previously reported VGT results for wells GM6-GM10

*'These well locations are located on the inside of the BT in close proximity to the waste and are only monitored to assist in future interpretations rather than threshold criteria

Appendix C: TEMPLATE FIELD FORMS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Site:			Occupier:		Licence/notice number:				Date:		Start time:			Finish time:		
2	Monitoring personnel:					Monitoring equipment:				Date of last calibration:			Bump test:				
3	Atmospheric pressure at start (mb):					Rising or falling: Stable/Falling				Weather and ground conditions:							
4					Peak (% v/v)			Stabilised (% v/v)			Stabilised (ppm)		Stabilised (% v/v				
5	ID	Start time	Atmospheric pressure (mb)	Relative pressure (mb)	CH4	CO2	Min O2 (% v/v)	CH4	CO2	O2	CO	H2S	Bal	Aspiration time when stabilised readings were taken, add note if not stabilised	Flow (l/h)	Depth to water (mBGL)	Comments e.g. bore condition (sealed, unsealed, CH4 CO2 CH4 CO2 O2 Balance desiccated bentonite etc)
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Instrument				
Serial number				
Next manfacturer's cal due				
Gas mixture	100 ppm isobutylene and 2.5 % v/v methane balance nitrogen			

Date	**Instrument zeroed** Y/N	**Result** Within limits (+/- 5%)	**Pump, filters and battery check**	**Signature**

Date	Instrument zeroed Y/N	Result Within limits (+/- 5%)	Pump, filters and battery check	Signature

Appendix D: MONITORING PROCEDURES

LANDFILL GAS WELL MONITORING PROCEDURE

The following provides a detailed repeatable procedure for recording gases from monitoring wells in Australia and has been adapted as follows:

1. Prior to arrival at the site, monitoring personnel should complete a brief desktop review of the locations to be monitored to develop an understanding of the number and types of locations to be monitored and the likely time required to complete the monitoring.

2. Before starting monitoring, turn the instruments on in a location unlikely to be affected by LFG (or other air contaminants). Confirm that the instruments give readings that are considered likely for these conditions (generally <0.1% methane, <0.1% carbon dioxide, 21.0% oxygen, 79% balance (nitrogen) for an extractive landfill gas analyser and 0.0 ppm for a low-concentration methane detector). Bump test the instrument and recalibrate if outside tolerances of +/- 5%.

3. Record background information, including site identification, start time of the monitoring round, date, prevailing weather and recent weather conditions, current ground conditions, instruments used (and serial numbers), person completing monitoring and so on. During the monitoring any observations of significance (like changes in weather) will also be noted.

4. Visually inspect the monitoring well and, without breaking the gastight seal, note any issues or deficiencies that may prevent representative data being obtained (such as landfill gas odours, unsealed bores, screened sections of pipework above ground level, failed bentonite seal or an open gas tap). Note whether the bore is locked and secure.

5. Connect the sample tubing to the monitoring well and record the differential pressure, including whether the pressure is positive (+) or negative (–). This must be done in a manner that prevents the pressure in the well, being altered prior to measurement. If the well is fitted with a gas sampling tap, connect the sample tubing to the instrument and the gas sampling tap prior to opening the tap. If the well is fitted with a quick-connect coupling, connect the sample tubing to the instrument before being fitted to the bore quick-connect fitting. Record the differential pressure then the well flow in litres per hour. Flow and pressure must be recorded before starting the instrument pump or measuring gas concentrations as the pump may remove any accumulated gas in the well headspace leading to a false negative.

6. Record the atmospheric pressure. Turn on the pump and record the peak and stabilised concentrations of methane and carbon dioxide and other gases as required that may be required.

7. If the monitored gas concentrations have not reached a stabilised concentration (stable gas concentration (±0.3 %v/v) after monitoring for a short period (3 minutes) after three minutes of continuous sampling record the final gas concentrations, along with the direction and rate of change in concentration (rapidly or slowly increasing or decreasing) and note them as non-stabilised final readings.

8. If very high LFG concentrations are recorded on the instrument (>30 %v/v methane and/or 30 %v/v carbon dioxide), then monitoring of the well should be extended beyond three minutes to try to further determine the persistence of the gas detected within the well.

9. Once the peak and stabilised concentrations have been recorded, fully close the gas sampling tap (if applicable) and disconnect the sample tubing from the gas tap.

10. All recording of variables will be carried out using the GA5000's in-built logging software combined with proprietary software. This reduces risk of transcription error and as logging software eliminates the need for pencil and paper it means that delays caused by inclement weather are reduced.

GAS IN ENCOLOSED STRUCTURES AND SERVICE PIT PROCEDURE

The Victorian EPA developed the '*Landfill Gas Fugitive Emissions Monitoring Guidelines*', Publication 1684 (February 2018) provides the most comprehensive protocol for recording gases from utility and service pits in Australia and has been adapted as follows:

1. Prior to arrival at the site, monitoring personnel should complete a brief desktop review of the locations to be monitored to develop an understanding of the number and types of locations to be monitored and the likely time required to complete the monitoring. The instrument should also be checked for calibration information and bump checked with a certified gas mixture.
2. Before starting monitoring, turn the instrument on in a location unlikely to be affected by landfill gas (or other air contaminants where possible). Confirm the instrument is giving readings considered likely for the conditions. Note that the global background methane concentration is ~ 1.8 ppm (Myhre et al, 2013). If using an FID or Eagle, it can be influenced by emissions from vehicles and industry/commerce. If a busy road or active industrial or commercial emissions are observed nearby, note their effect on the readings of the RKI Eagle before commencing monitoring of the subsurface services.
3. Note background information, including site identification, start time of the monitoring round, date, atmospheric pressure, prevailing weather and recent weather conditions, current ground conditions, instruments used (calibration and serial numbers), person completing monitoring and so on. During monitoring any observations of significance (like changes in weather) should be noted.
4. Record the type and location of the first monitoring location. It is often useful to record the address (street number and name) of the monitoring location and/or GPS coordinates.
5. Visually inspect the location and note any issues or deficiencies with the location that may prevent representative landfill gas monitoring data being obtained (this might include landfill gas odours, unsealed service or inaccessible service).
6. Record factors that may influence the method of monitoring, and that may be useful to record, include:
    - dimensions of the subsurface service
    - sealing of the subsurface service
    - accessibility of the subsurface service
    - any known landfill gas dissipation measures
    - weight of access panels or covers into subsurface services
    - locking mechanisms on access panels or covers (if applicable).
7. Turn on the instrument and insert the probe into the metal grate. Attempt to monitor across the lateral and vertical profile of the service to account for the density of methane which may be venting from different areas inside the service pit.

8. Record the highest concentration of methane and approximately stable concentration should this occur. Due to the resolution of the instrument used and the mixing of gases in the sub-surface services with air, the ppm readings rarely stabilise to a set number but will tend to stay within a range, this range should be recorded. Particular attention will be focused on the pipe inlet (preferential lateral migration) and the valve pit walls/box itself (to assess LFG moving directly from the nearby soil/fill in contact or close to the box).

BUMP TEST PROCEDURE

To check the accuracy of the in-house or rented gas analysers, the Field Technicians conduct calibration checks according to the following approach:

1. Functional (bump) tests are performed during each data download. The bump tests are conducted prior to and after the full calibration for each instrument. A bump test involves exposing the instrument to a calibration gas mixture of known oxygen and methane concentrations to demonstrate instrument response. The bump test verifies the alarm is triggered when gas of a sufficient concentration is applied and assesses whether the instrument accurately measures concentration when a gas of known concentration is applied. The post calibration bump test verifies the instrument has been calibrated successfully. The bump test procedures include the following steps:
2. Attach the Gas Alert clip to the Technician's top pocket and turn on. If at any stage the alarm sounds, turn off gas and vacate the area until clear.
3. Multi-gas containing a known concentration of oxygen, methane concentration, carbon dioxide, hydrogen sulphide and carbon monoxide is applied to the sampling inlet to check the sensor. The Field Technician attaches the tubing to the sample inlet on the instrument and activates the manually controlled regulator. The concentration of gases is selected to be like the range of gases expected to be recorded on site e.g. if the site instrumenting was for perimeter well compliance then methane calibration Gas range would be about 1.0 to 2.5 % v/v.
4. With the calibration gas applied to the sample inlet, the LEL reading is allowed to stabilise (30 seconds approximately), and recorded on a calibration field sheet, or in the electronic workbook format. A maximum margin of ±5 % in the reading is acceptable.
5. Full calibration of gas instruments is conducted during each visit or when the above field verification test is outside the acceptable range. A full calibration consists of a fresh air calibration and a multi-sensor field calibration using a known gas mixture. The fresh air calibration is conducted in the open air outside of dwellings or enclosed areas. Both types of calibrations are automatically performed by the instruments once selected.
6. In the event the full calibration fails, the malfunctioning instrument is replaced with an instrument that meets all requirements (including calibration) and specifications. The malfunctioning instrument is returned to the Equipment Manager for inspection and assessment, who attempts to determine whether the unit must be returned to the supplier for a factory calibration. Until the factory calibration is performed on the malfunctioning instrument, it is replaced by another, fully calibrated instrument

Site Audit Statement

(Attached)

NSW Site Auditor Scheme

Site Audit Statement

A site audit statement summarises the findings of a site audit. For full details of the site auditor's findings, evaluations and conclusions, refer to the associated site audit report.

This form was approved under the *Contaminated Land Management Act 1997* on 12 October 2017.

For information about completing this form, go to Part IV.

Part I: Site audit identification

Site audit statement no. 0301-1807

This site audit is a:

❑ statutory audit

☑ non-statutory audit

within the meaning of the *Contaminated Land Management Act 1997*.

Site auditor details

(As accredited under the *Contaminated Land Management Act 1997*)

Name	James Davis		
Company	Enviroview Pty Ltd		
Address	PO Box 327		
	GLADESVILLE NSW	Postcode	2110
Phone	0467 375 481		
Email	james.davis@enviroview.com.au		

Site details

Address	8 and 10 Johnston Crescent		
	HORSLEY Park NSW	Postcode	2175

Property description

(Attach a separate list if several properties are included in the site audit.)

Lot 201 and Lot 202 of DP1244593

Local government area	Fairfield City Council
Area of site (include units, e.g. hectares)	11.739 Ha
Current zoning	IN1 –General Industrial under Fairfield Local Environmental Plan Amendment (Western Sydney Employment Area) 2009.

Regulation and notification

To the best of my knowledge:

❑ **the site is** the subject of a declaration, order, agreement, proposal or notice under the *Contaminated Land Management Act 1997* or the *Environmentally Hazardous Chemicals Act 1985,* as follows: (provide the no. if applicable)

- ❑ Declaration no.
- ❑ Order no.
- ❑ Proposal no.
- ❑ Notice no.

☑ **the site is not** the subject of a declaration, order, proposal or notice under the *Contaminated Land Management Act 1997* or the *Environmentally Hazardous Chemicals Act 1985*.

To the best of my knowledge:

❑ the site **has** been notified to the EPA under section 60 of the *Contaminated Land Management Act 1997*

☑ the site **has not** been notified to the EPA under section 60 of the *Contaminated Land Management Act 1997*.

Site audit commissioned by

Name	Wayne Pasalich		
Company	CSR Building Products Limited		
Address	Triniti 3, 39 Delhi Road,		
	NORTH RYDE, NSW	Postcode	2113
Phone	02 9964 1784		
Email	WPASALICH@csr.com.au>		

Contact details for contact person (if different from above)

Name

Phone

Email

Nature of statutory requirements (not applicable for non-statutory audits)

- ❑ Requirements under the *Contaminated Land Management Act* 1997 (e.g. management order; please specify, including date of issue)

- ❑ Requirements imposed by an environmental planning instrument (please specify, including date of issue)

- ❑ Development consent requirements under the *Environmental Planning and Assessment Act 1979* (please specify consent authority and date of issue)

- ❑ Requirements under other legislation (please specify, including date of issue)

Purpose of site audit

❑ **A1** To determine land use suitability

Intended uses of the land:

OR

☑ **A2** To determine land use suitability subject to compliance with either an active or passive environmental management plan

Intended uses of the land: Commercial/industrial

OR

(Tick all that apply)

❑ **B1** To determine the nature and extent of contamination

❑ **B2** To determine the appropriateness of:

- ❑ an investigation plan
- ❑ a remediation plan
- ❑ a management plan

❑ **B3** To determine the appropriateness of a **site testing plan** to determine if groundwater is safe and suitable for its intended use as required by the *Temporary Water Restrictions Order for the Botany Sands Groundwater Resource 2017*

❑ **B4** To determine the compliance with an approved:

- ❑ **voluntary management proposal** or
- ❑ **management order** under the *Contaminated Land Management Act 1997*

❑ **B5** To determine if the land can be made suitable for a particular use (or uses) if the site is remediated or managed in accordance with a specified plan.

Information sources for site audit

Consultancies which conducted the site investigations and/or remediation:

DLA Environmental, ERM Australia, Biogas Systems Australia, DBD Environmental

Titles of reports reviewed:

DLA Environmental Services (June 2013). Phase 1 Preliminary Environmental Site Assessment, Lot 1 in DP 106143 CSR Building Products 327-335 Burley Road, Horsley Park. Reference DLH1121_H0000033, dated June 2013. (DLA, June 2013)

DLA Environmental Services (September 2013). Phase 2 Detailed Environmental Site Assessment, Lot 1 in DP 106143 CSR Building Products 327-335 Burley Road, Horsley Park. Reference DLH1121_H0068, dated September 2013. (DLA, September 2013)

DLA Environmental Services Pty Ltd (DLA) (February 2018). Stage 1 and Stage 2 February 2018 Site Status – 327-335 Burley Road, Horsley Park, NSW 2175. Report No. DL3109_S008131, dated 22 February 2018. (DLA, February 2018)

DLA (March 2018). Bund Wall Remediation Strategy, 327-335 Burley Road, Horsley Park, NSW 2175. Report No. 0449086_S008289, Version 2.0, dated 27 March 2018. (DLA, March 2018)

DLA Environmental Services (June 2018). Bund Wall Assessment Report, 327 – 335 Burley Road, Horsley Park, NSW, 2175. Reference 0449086_S008491, dated June 2018. (DLA, June 2018)

ERM (December 2018). Addendum to Remediation Action Plan: Bund Wall Remediation Strategy, 327 – 335 Burley Road, Horsley Park, NSW 2175. Reference 0449086_S009295, dated 7 December 2018. (ERM, December 2018)

ERM (December 2019). Remediation Action Plan, 327-335 Burley Road, Horsley Park NSW 2175. Reference S010173, dated 20 December 2019. (ERM, December 2019)

ERM (September 2020). Validation Report, Stage 2A, 6 Johnston Crescent, Horsley Park NSW 2175. Reference 0449086_S010649, dated 4 September 2020. (ERM, September 2020)

Biogas Systems Australia (November 2020). LFG Management Plan, Environmental Management Plan for Landfill Gas, Horsley Park Landfill. Reference: 0103_RPT0076.D, dated 13 November 2020. (BSA, 2020)

DBD Environmental (November 2020). Landfill Gas Risk Assessment Stage 2, Horsley Park. Reference 0093_DBD_RPT0002A, dated 1 December 2020 (DBD, 2020)

Other information reviewed, including previous site audit reports and statements relating to the site:

Douglas Partners (May 2016) Report on Earthworks Specification, Proposed Industrial Subdivision, Lot 1 DP 106143, Burley Road, Horsley Park. Reference 76582.06.R.001.Rev1, dated 9 May 2016. (Douglas Partners, May 2016)

DLA Environmental Services (July 2016) Remediation Action Plan, Former Camide Landfill, 327-335 Burley Road, Horsley Park NSW. Reference DL3109_S004808, dated 4 July 2016. (DLA, July 2016)

DLA Environmental Services (April 2017) Installation and operation of a gas collection system – Horsley Park. Reference DL3109_S006543, dated 12 April 2017. (DLA, April 2017)

DLA Environmental Services (August 2017) Installation and operation of a gas collection system – Horsley Park. Reference DL3109_S003745, dated 29 August 2017. (DLA, August 2017)

Douglas Partners (August 2018) Bio-filtration Aggregate Trench Backfill, Lot 1 DP 106143, Burley Road, Horsley Park. Reference 76582.13, dated 15 August 2018. (Douglas Partners, August 2018)

Site audit report details

Title Site Audit Report, Lot 201 and Lot 202 DP1244593 (Stage 2A), 8 and 10 Johnston Crescent, Horsley Park NSW

Report no. 600105_0301-1807 Date 4 December 2020

Part II: Auditor's findings

Please complete either Section A1, Section A2 or Section B, not more than one section. (Strike out the irrelevant sections.)

- Use **Section A1** where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land uses **without the implementation** of an environmental management plan.
- Use **Section A2** where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land uses **with the implementation** of an active or passive environmental management plan.
- Use **Section B** where the audit is to determine:
    - (B1) the nature and extent of contamination, and/or
    - (B2) the appropriateness of an investigation, remediation or management plan[1], and/or
    - (B3) the appropriateness of a site testing plan in accordance with the *Temporary Water Restrictions Order for the Botany Sands Groundwater Source 2017*, and/or
    - (B4) whether the terms of the approved voluntary management proposal or management order have been complied with, and/or
    - (B5) whether the site can be made suitable for a specified land use (or uses) if the site is remediated or managed in accordance with the implementation of a specified plan.

[1] For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

Section A1

I certify that, in my opinion:

The **site is suitable** for the following uses:

(Tick all appropriate uses and strike out those not applicable.)

☐ Residential, including substantial vegetable garden and poultry

☐ Residential, including substantial vegetable garden, excluding poultry

☐ Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry

☐ Day care centre, preschool, primary school

☐ Residential with minimal opportunity for soil access, including units

☐ Secondary school

☐ Park, recreational open space, playing field

☐ Commercial/industrial

☐ Other (please specify):

_____

OR

☐ I certify that, in my opinion, the site is not suitable for any use due to the risk of harm from contamination.

Overall comments:

_____

_____

_____

_____

_____

_____

Section A2

I certify that, in my opinion:

Subject to compliance with the **attached** environmental management plan[2] (EMP), the site is suitable for the following uses:

(Tick all appropriate uses and strike out those not applicable.)

☐ ~~Residential, including substantial vegetable garden and poultry~~

☐ ~~Residential, including substantial vegetable garden, excluding poultry~~

☐ ~~Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~

☐ ~~Day care centre, preschool, primary school~~

☐ ~~Residential with minimal opportunity for soil access, including units~~

☐ ~~Secondary school~~

☐ ~~Park, recreational open space, playing field~~

☑ **Commercial/industrial**

☐ ~~Other (please specify):~~

EMP details

Title:	LFG Management Plan, Environmental Management Plan for Landfill Gas, Horsley Park Landfill. Document Reference 0103_RPT0076.D.
Author:	Biogas Systems Australia
Date:	13 November 2020

EMP summary

This EMP (attached) is required to be implemented to address residual contamination on the site.

The EMP: (Tick appropriate box and strike out the other option.)

☐ ~~requires operation and/or maintenance of active control systems~~[3]

☑ requires maintenance of **passive** control systems only[3].

[2] Refer to Part IV for an explanation of an environmental management plan.
[3] Refer to Part IV for definitions of active and passive control systems.

Purpose of the EMP:

The EMP was developed with respect to the landfill gas at the former Camide landfill to ensure protection of the surrounding properties including the subject Site Audit site.

To ensure the protection of the surrounding land users the EMP which relates to the management of the former landfill site, adjacent to the subject Site Audit site, prescribes monitoring, reporting and further mitigation actions (if required), to manage the risks to the surrounding land users.

Description of the nature of the residual contamination:

Landfilling activities on the adjacent land to the Site Audit site occurred between 1990 and 1994 with an estimated 950,000 m^3 of waste material placed within a former quarry. It was reported that commercial and industrial wastes were primarily received, however some putrescible wastes are also considered likely to also be present. A Landfill Closure Plan (LCP) was developed in 1999 and included an RAP which provided details of landfill assessment activities and key findings in relation to landfill gas. The land fill site is regulated by the NSW EPA under an Environmental Protection Licence (EPL) (EPL #123). The EPL includes monitoring requirements for the landfill.

The landfill has undergone assessment and investigation since the LCP was implemented. Remediation options were developed and remediation works undertaken to manage landfill gas emissions. A landfill gas monitoring well network was established around the former landfill, with quarterly monitoring of selected wells occurring as part of the EPL #123. A biofiltration trench was constructed around the remainder of the landfill between July 2018 and May 2019 and results from post-installation monitoring at perimeter locations outside of the biofiltration trench in May 2019 indicate a reduction of methane concentrations to below 1 % v/v. A Landfill Gas Risk Assessment was undertaken regarding the Site Audit site which has confirmed the effectiveness of the eastern portion of the biofiltration trench, which lies along the boundary with the Site Audit site.

While no specific land use or development constraints for the Site Audit site has been identified, given the proximity of the landfill and relatively limited timeframe of consistent monitoring, ongoing landfill gas monitoring and routine risk-based assessment of monitoring results is required within the landfill site to ensure mitigation measures, including the installed biofiltration trench continue to be effective, and that the migration of landfill gas does not pose a risk to surrounding properties including the Site Audit site.

Summary of the actions required by the EMP:

Ongoing monitoring at the land fill site will comprise:

- Quarterly monitoring of gas concentrations in all nominated monitoring wells using a calibrated landfill gas monitor (Geotech GA5000 Landfill Gas Analyser or similar). Landfill gas concentrations and gas flow rates will be collected so that an assessment of landfill gas regime and performance of the landfill gas mitigation measures can be made. Groundwater levels will also be gauged and recorded during this monitoring event;

- Quarterly grid-based monitoring of the former landfill surface including biofiltration trench will be undertaken using a calibrated sensitive landfill gas detector (for example RKI Eagle Multi-Gas Monitoring); and

- Quarterly monitoring of enclosed structures (namely utility/service pits) within the landfill site will be undertaken using a calibrated sensitive landfill gas detector (for example RKI Eagle Multi-Gas Monitoring).

A summary table providing details of the various threshold/assessment criteria to be adopted for the evaluation of monitoring data is clearly set out within the EMP.

Monitoring protocols are set out in the EMP for each type of data collection (service pits, sub-surface gas and ambient air/surface monitoring) at the landfill site to ensure consistent monitoring approaches are adopted. The EMP outlines that all monitoring data will be collated and reported on a quarterly basis with recommendations provided, as needed. Upon completion 12 months of monitoring, an annual review and report will be prepared to summarise landfill gas conditions and determine future monitoring/management requirements at the site.

The EMP noted that if reportable environmental conditions are detected during any monitoring event, immediate corrective action will be required. Corrective actions are set out within the EMP.

How the EMP can reasonably be made to be legally enforceable:

While the requirements of the EMP are not specifically included in the EPL, ongoing monitoring is a requirement and subject to ongoing regulation by the NSW EPA.

In addition, there exists a contract for sale of the land with specific provision for the Vendor (CSR) to undertake all obligations relating to the contamination of the site. The provision in the contract will operate as a Deed following completion of the Sale and will enable the Purchaser to seek specific performance of that agreement regarding the obligations imposed by the EMP.

How there will be appropriate public notification:

This Site Audit Statement with the EMP attached will be provided to Fairfield City Council, a reference to this Site Audit Statement must be recorded on the s 10.7 Planning Certificate as is required under the guidelines to SEPP 55.

Interested parties will have access to the information on the planning certificate on application, including reference to this Site Audit Statement. When land is bought or sold in NSW the *Conveyancing Act 1919* and *Conveyancing (Sale of Land) Regulation 2010* requires that a s 10.7 Planning Certificate be attached to the contract of sale for the land.

~~**Overall comments:**~~

Section B

Purpose of the plan[4] which is the subject of this audit:

I certify that, in my opinion:

(B1)

☐ The nature and extent of the contamination **has** been appropriately determined

☐ The nature and extent of the contamination **has not** been appropriately determined

AND/OR (B2)

☐ The investigation, remediation or management plan **is** appropriate for the purpose stated above

☐ The investigation, remediation or management plan **is not** appropriate for the purpose stated above

AND/OR (B3)

☐ The site testing plan:

- ☐ **is** appropriate to determine
- ☐ **is not** appropriate to determine

if groundwater is safe and suitable for its intended use as required by the *Temporary Water Restrictions Order for the Botany Sands Groundwater Resource 2017*

AND/OR (B4)

☐ The terms of the approved voluntary management proposal* or management order** (strike out as appropriate):

- ☐ **have** been complied with
- ☐ **have not** been complied with.

*voluntary management proposal no.

**management order no.

AND/OR (B5)

☐ The site **can be made suitable** for the following uses:

(Tick all appropriate uses and strike out those not applicable.)

- ☐ Residential, including substantial vegetable garden and poultry
- ☐ Residential, including substantial vegetable garden, excluding poultry

[4] For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

- ☐ Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry
- ☐ Day care centre, preschool, primary school
- ☐ Residential with minimal opportunity for soil access, including units
- ☐ Secondary school
- ☐ Park, recreational open space, playing field
- ☐ Commercial/industrial
- ☐ Other (please specify):

IF the site is remediated/managed* in accordance with the following plan (**attached**):

*Strike out as appropriate

Plan title

Plan author

Plan date No. of pages

Plan title

Plan author

Plan date No. of pages

SUBJECT to compliance with the following condition(s):

Overall comments:

Part III: Auditor's declaration

I am accredited as a site auditor by the NSW Environment Protection Authority (EPA) under the *Contaminated Land Management Act 1997.*

Accreditation no. 0301

I certify that:

- I have completed the site audit free of any conflicts of interest as defined in the *Contaminated Land Management Act 1997,* and
- with due regard to relevant laws and guidelines, I have examined and am familiar with the reports and information referred to in Part I of this site audit, and
- on the basis of inquiries I have made of those individuals immediately responsible for making those reports and obtaining the information referred to in this statement, those reports and that information are, to the best of my knowledge, true, accurate and complete, and
- this statement is, to the best of my knowledge, true, accurate and complete.

I am aware that there are penalties under the *Contaminated Land Management Act 1997* for wilfully making false or misleading statements.

Signed

Date 4 December 2020

Part IV: Explanatory notes

To be complete, a site audit statement form must be issued with all four parts.

How to complete this form

Part I

Part I identifies the auditor, the site, the purpose of the audit and the information used by the auditor in making the site audit findings.

Part II

Part II contains the auditor's opinion of the suitability of the site for specified uses or of the appropriateness of an investigation, or remediation plan or management plan which may enable a particular use. It sets out succinct and definitive information to assist decision-making about the use or uses of the site or a plan or proposal to manage or remediate the site.

The auditor is to complete either Section A1 or Section A2 or Section B of Part II, **not** more than one section.

Section A1

In Section A1 the auditor may conclude that the land is *suitable* for a specified use or uses OR *not suitable* for any beneficial use due to the risk of harm from contamination.

By certifying that the site is *suitable*, an auditor declares that, at the time of completion of the site audit, no further investigation or remediation or management of the site was needed to render the site fit for the specified use(s). **Conditions must not be** imposed on a Section A1 site audit statement. Auditors may include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

Section A2

In Section A2 the auditor may conclude that the land is *suitable* for a specified use(s) subject to a condition for implementation of an environmental management plan (EMP).

Environmental management plan

Within the context of contaminated sites management, an EMP (sometimes also called a 'site management plan') means a plan which addresses the integration of environmental mitigation and monitoring measures for soil, groundwater and/or hazardous ground gases throughout an existing or proposed land use. An EMP succinctly describes the nature and location of contamination remaining on site and states what the objectives of the plan are, how contaminants will be managed, who will be responsible for the plan's implementation and over what time frame actions specified in the plan will take place.

By certifying that the site is suitable subject to implementation of an EMP, an auditor declares that, at the time of completion of the site audit, there was sufficient information satisfying guidelines made or approved under the *Contaminated Land Management Act 1997*

(CLM Act) to determine that implementation of the EMP was feasible and would enable the specified use(s) of the site and no further investigation or remediation of the site was needed to render the site fit for the specified use(s).

Implementation of an EMP is required to ensure the site remains suitable for the specified use(s). The plan should be legally enforceable: for example, a requirement of a notice under the CLM Act or a development consent condition issued by a planning authority. There should also be appropriate public notification of the plan, e.g. on a certificate issued under s.149 of *the Environmental Planning and Assessment Act 1979*.

Active or passive control systems

Auditors must specify whether the EMP requires operation and/or maintenance of active control systems or requires maintenance of passive control systems only. Active management systems usually incorporate mechanical components and/or require monitoring and, because of this, regular maintenance and inspection are necessary. Most active management systems are applied at sites where if the systems are not implemented an unacceptable risk may occur. Passive management systems usually require minimal management and maintenance and do not usually incorporate mechanical components.

Auditor's comments

Auditors may also include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

Section B

In Section B the auditor draws conclusions on the nature and extent of contamination, and/or suitability of plans relating to the investigation, remediation or management of the land, and/or the appropriateness of a site testing plan in accordance with the *Temporary Water Restrictions Order for the Botany Sands Groundwater Source 2017*, and/or whether the terms of an approved voluntary management proposal or management order made under the CLM Act have been complied with, and/or whether the site can be made suitable for a specified land use or uses if the site is remediated or managed in accordance with the implementation of a specified plan.

By certifying that a site *can be made suitable* for a use or uses if remediated or managed in accordance with a specified plan, the auditor declares that, at the time the audit was completed, there was sufficient information satisfying guidelines made or approved under the CLM Act to determine that implementation of the plan was feasible and would enable the specified use(s) of the site in the future.

For a site that *can be made suitable*, any **conditions** specified by the auditor in Section B should be limited to minor modifications or additions to the specified plan. However, if the auditor considers that further audits of the site (e.g. to validate remediation) are required, the auditor must note this as a condition in the site audit statement. The condition must not specify an individual auditor, only that further audits are required.

Auditors may also include **comments** which are observations in light of the audit which provide a more complete understanding of the environmental context to aid decision-making in relation to the site.

Part III

In **Part III** the auditor certifies their standing as an accredited auditor under the CLM Act and makes other relevant declarations.

Where to send completed forms

In addition to furnishing a copy of the audit statement to the person(s) who commissioned the site audit, statutory site audit statements must be sent to

- the **NSW Environment Protection Authority**: nswauditors@epa.nsw.gov.au or as specified by the EPA

  AND

- the **local council** for the land which is the subject of the audit.

LFG Management Plan

Environmental Management Plan for Landfill Gas, Horsley Park Landfill

CSR Building Products Limited

Job ID. 0103

PROJECT NAME:	Environmental Management Plan for Landfill Gas, Horsley Park Landfill
JOB ID:	0103
DOCUMENT CONTROL NUMBER	0103_RPT0076.D
PREPARED FOR:	CSR Building Products Limited
APPROVED FOR RELEASE BY:	Dr Ben Dearman

DOCUMENT CONTROL

VERSION	DATE	COMMENT	PREPARED BY	REVIEWED BY
A	02.09.2020	Updated for Auditor Review	Mitchell Browne	Jack Horan
B	13.11.2020	Final	Mitchell Browne	Jack Horan

DISCLAIMER

Biogas Systems Australia acts in all professional matters as a faithful advisor to the Client and exercises all reasonable skill and care in the provision of its professional services.

Reports are commissioned by and prepared for the exclusive use of the Client. They are subject to and issued in accordance with the agreement between the Client and Biogas Systems Australia. Biogas Systems Australia is not responsible for any liability and accepts no responsibility whatsoever arising from the misapplication or misinterpretation by third parties of the contents of its reports.

Except where expressly stated, Biogas Systems Australia does not attempt to verify the accuracy, validity or comprehensiveness of any information supplied to Biogas Systems Australia for its reports.

Where site inspections, testing or fieldwork have taken place, the report is based on the information made available by the client or their nominees during the visit, visual observations and any subsequent discussions with regulatory authorities. The validity and comprehensiveness of supplied information has not been independently verified and, for the purposes of this report, it is assumed that the information provided to Biogas Systems Australia is both complete and accurate. It is further assumed that normal activities were being undertaken at the site on the day of the site visit(s), unless explicitly stated otherwise.

CONTENTS

TABLES

EXECUTIVE SUMMARY

The objective of this Environmental Management Plan (EMP) is to provide a landfill gas (LFG) management plan that can be enforced to ensure protection of surrounding land users from the former Camide Landfill. To achieve the objective of the EMP the following aspects of LFG management will be addressed to ensure ongoing suitability of the neighbouring sites for commercial/industrial land use including:

- Monitoring and management of subsurface emission in the perimeter well network
- Monitoring and management of surface emissions form the landfill cap and biofiltration trench (BT)
- Monitoring and management of service pits and enclosed spaces on the landfill and adjacent to the landfill (where possible).

The investigations completed to date include installation of a perimeter monitoring network and regular monitoring of LFG conditions at the boundary of the former Camide Landfill. The implementation of a gas interception biofiltration trench was initially installed along the western boundary of the landfill in June 2005 and after the success of this trial, was extended around the entire perimeter of the landfill. The construction of the biofiltration trench around the remainder of the landfill was commenced in July 2018 and completed in May 2019.

Results of the post installation monitoring at perimeter locations outside of the BT in May 2019 and subsequent monitoring indicate a reduction of methane concentrations to below the threshold concentration of 1%v/v. This monitoring confirmed the effectiveness of the northern portion of the BT in the direction of the closest commercial / industrial land user.

To ensure the protection of the surrounding land users this EMP has been developed, which prescribes monitoring, reporting and further mitigation actions (if required). To manage the risks to the surrounding land users, the monitoring of service pits and enclosed spaces (stormwater pits), surface emissions (landfill cap and BT), subsurface migration and water levels (perimeter monitoring) is required. These monitoring activities will not only assess the risk to the surrounding land users but also provide data for ongoing validation of the effectiveness of the BT at mitigating lateral migration of gas from the landfill.

The monitoring of these locations will be completed quarterly, compared against threshold criteria sourced from the Hazardous Ground Gas (NSW 2019) guidelines and reported both quarterly and annually. In the event that a threshold criterion is exceeded for methane or an increasing carbon dioxide trend is observed, additional investigation will be required to determine the course of action which may range from increased monitoring frequency to notification of the regulatory authorities in the event of explosive conditions or acute human health risk.

The site owner (currently CSR Building Products Limited) is the responsible party for ensuring the EMP is executed and the objectives of the EMP are met which is detailed in a legal clause as part of the contract for sale of the closest adjacent properties to the north, south and west of the Former Camide Landfill.

The intent of the EMP is to continue monitoring for at least a period of 24 months from commencement and reassess the stability of landfill gas generation and migration and there is no longer a risk to surrounding land users.

1 INTRODUCTION

This Environmental Management Plan (EMP) has been prepared to document the management and monitoring requirements for the former Camide Landfill (Figure 1) to demonstrate that the landfill gas does not present a risk to surrounding off-site properties.

There is an existing EMP which is part of the contract for sale "Pursuant to clause 38.3 of sale contract dated 9 March 2018 between CSR Building Products Limited and Australand C & I Land Holdings (Australand) as Trustee for Frasers Property C & I Land Holdings (Horsley Park No 2) Trust in respect of the sale of Lots 101 & 102, 327 – 335 Burley Road, Horsley Park CSR Building Products. This previous EMP was written to address the requirements to monitor and manage the risk between the Former Camide Landfill and the Stage 1 development.

As part of the development of an EMP to monitor and manage the risk between the Former Camide Landfill and the Stage 2 development the original Environmental Management Plan (EMP) (Ref 0103 BSA RPT0075.C) was expanded on to include the additional monitoring requirements for Stage 2. This will result in two EMPs for the Former Camide Landfill site which will need to be administered by CSR. For the purpose of implementation, this EMP covers the requirements of the original EMP for Stage 1 plus the additional requirements for Stage 2. This meets the objective of the client to maintain the existing EMP under its contractual requirements with Australand and Horsley Park No 2 whilst meeting the additional management requirements for Stage 2 and the contractual requirements with ESR Australia.

The current EMP (this documents) details the monitoring requirements, roles, responsibilities, reporting requirements and enforceability to ensure that LFG emissions do not impact human health and the environment of surrounding properties both Stage 1 and Stage 2.

1.1 Background

Camide operated a non-putrescible solid waste landfill at the Horsley Park site from 1990 to 1994. The landfilling took place in a quarry void created by clay extraction activities. It has been estimated that 950,000 m^3 of waste was imported to the site in an area of 4.1ha of the site as indicated in Figure 1.

At the completion of landfilling in 1994 the waste was capped with a 1m thick compacted clay layer and a 500mm thick revegetation/landscaping layer in accordance with the Landfill Closure Plan (LCP) (EGIS 1999). At the time of the capping and closure of the landfill the surrounding land users were the other active parts of the quarry activities to the north and the east and open rural land use which bounds the landfill to the west and the south.

Since the capping activities there has been significant site development and regional development of the land surrounding the landfill into commercial industrial land uses. This development has resulted in the encroachment of commercial / industrial development to the north of the northern boundary of the former Camide Landfill. Surrounding land use to the west, south and east have not significantly changed since implementation of the LCP.

The planned commercial / industrial development to the east and south of the landfill is proposed within 250m of the inferred extent of waste. The historical monitoring of perimeter wells at the former Camide Landfill site indicated that hazardous ground gases may potentially migrate laterally which could potentially impact adjacent off-site land users of the Stage 1 and Stage 2 development.

The remedial solution which was designed for the site included a biofiltration trench (BT) to mitigate fugitive gas emissions by oxidation. The trench is installed around the entire perimeter of the former Camide Landfill and is extend into groundwater to 9m in some sections.

As part of the post remediation validation monitoring of LFG wells outside of the BT has been undertaken since May 2019 which report that the lateral migration of fugitive emissions from the former Camide Landfill is being

managed. Generation of LFG and migration pathways of LFG can change over time and the relatively small timeframes for monitoring need to be addressed to ensure that conditions have not changed.

During the final installation of the BT some wells were damaged or were in close proximity to the trench which may be influencing the gas concentrations and flow reported during the monthly spot monitoring. As part of the Stage 2 development to the east and south of the landfill ten additional LFG wells and one background LFG location were established to ensure that the perimeter spacing along the eastern and southern boundary of the landfill was approximately 20m. The background LFG location is a sufficient distance from the landfill and is shown on Figure 4.

The development of this EMP is to assist in the long term monitoring of the LFG generation and migration pathways to ensure that the neighbouring properties are protected.

1.2 EMP Objectives

The objective of the EMP is to provide a landfill gas management plan that will be enforced to ensure protection of surrounding land users from the former Camide Landfill.

To achieve the objective of the EMP the following aspects of LFG management will be addressed to ensure ongoing suitability of the neighbouring sites for commercial/industrial land use including:

- Monitoring and management of subsurface emissions in the perimeter well network
- Monitoring and management of surface emissions from the landfill cap and the biofiltration trench
- Monitoring and management of emissions in service pits and enclosed spaces on the landfill and adjacent to the landfill (where possible).

2 SITE OVERVIEW

2.1 Site Description

2.1.1 Location

The site is located at 327 to 335 Burley road, Horsley Park (refer Figure 1). The site is currently identified as Lot 103 of Deposited Plan 1214912 (Historically - Lot 1 Deposited Plan 1228114) based on SIX maps (*maps,six.nsw.gov.au* – accessed 12.11.2020). The landfill site is a part of a larger portion of land which is subject to development plan DA97 – 1085. The landfill is located in the south western corner of the site. A summary of site details is presented in Table 1.

Table 1 – Site Details

Item	Description
Site name and address	Former Camide Landfill, 327 to 335 Burley Road, Horsley Park, NSW 2175
Real property description	Current property description is Lot 103 of Deposited Plan 1214912 as identified in SIX maps (Historically - Lot 1 Deposited Plan 1228114) The EPL details refer to Lot 2 DP 1228114.
Current site owner	CSR Building Products Ltd
Surrounding Allotments	Lots 101, 102 (Stage1 Development) and 103 (Stage 2 Development), 327 – 335 Burley Road, Horsley Park These lots are currently identified in six maps as DP1259616 Lot 202, DP1264857 Lot 301 and DP1214912 Lot 103 respectively
Operational timeframe	Landfilling between 1990 – 1994
Area	Approximately 4.1 hectares
Volume	Approximately 950,000 m^3
Depth	Total waste thickness is estimated to approximately 18 m below ground surface
Waste composition	No putrescible wastes recorded only commercial and industrial*

* Waste disposal records were not available to review in the previous LCP therefore the potential presence of some putrescible wastes exists.

2.1.2 Surrounding Land Use

The land use of the surrounding area is summarised in Table 2.

Table 2 - Surrounding Land Uses

Direction	Use
North	Stage 1 development area. Further to the north is commercial/industrial
South	Stage 2A development area. Rural land with open pasture further to the south.
East	Stage 2C development area (future commercial). Rural land use and market gardens further east
West	Pasture with commercial/industrial land use further to the west

2.2 Site History and Management

As detailed in the background in Section 1 the site was utilised as a quarry prior to 1990. Landfilling activities commenced in 1990 and ceased in 1994 with an estimated 950,000 m^3 of fill placed in the former quarry. The LCP was prepared in accordance with the requirements of the deferred Commencement Conditions 1 to 3 of DA97 – 1085 and in the NSW EPA Guidelines in effect at the time.

2.2.1 Landfill Closure Plan

The Landfill Closure Plan (LCP) (EGIS 1999) was developed for the site in 1999, which outlined ongoing monitoring to be undertaken and stabilisation criteria for the cessation of LFG monitoring. The LCP was prepared in accordance with the requirements of the deferred Commencement Conditions 1 to 3 of DA97 – 1085 and in accordance with the NSW EPA Guidelines in effect at the time. The original Remediation Action Plan (RAP) was presented within the LCP (EGIS 1999) based on several environmental investigations undertaken prior to 1999 which are referenced in Section 6. The current RAP for Stage 2 was developed in 2014 and amended in 2019 to reflect current site conditions (*Ref: Remediation Action Plan. Lot 1 in DP 106143, CSR Building Products, 327 – 335 Burley Road, Horsley Park. (Revised September 2019*)

2.2.2 Environment Protection Licence (EPL) #123

In addition to the LCP an Environment Protection Licence (EPL) #123 is active for the site and regulated by the EPA. The EPL outlines monitoring requirements, maximum scale and load limit for particular contaminants relating to these activities. The EPL for the site is currently active for the following scheduled activities:

- Ceramic works.
- Crushing, grinding or separating.
- Extractive activities.
- Mining for minerals.

In addition to these activities, the EPL addresses monitoring and reporting requirements for the landfill. There has been extensive monitoring of groundwater, leachate, landfill gas since the commencement of the LCP and as part of the EPL which are referenced in Section 6. The objective of the EPL is to regulate specific activities and although useful data is collected the has a different objective.

It should be noted that at the time of writing this EMP, an application is with the NSW EPA (Notice No. 1570706) to surrender the EPL on a section of the site. The application aims to surrender the EPL for Lots 101 and 102 of the EPL#123 from lot 103 (now identified at Stage 1, Stage 2 and Stage 3) of which a portion of this is the Former Camide Landfill.

2.2.3 Remedial History

The landfill has undergone years of assessment since the closure of the landfilling activities and has since been monitoring the LFG emissions and implemented gas migration controls for the identified LFG at the site. Table 3 below gives a brief history of the activities undertaken on the site to date.

Of all the activities and investigation completed to date the most significant is the implementation of a gas interception biofilter and trench was installed along the western boundary of the landfill in June 2005. It was installed as a trial to assess the validity of this type of gas mitigation solution (Dever 2009). Quarterly monitoring of wells GM1-GM11 was undertaken from October 2006 in accordance with EPL #123. Monitoring wells GM12-GM32 were installed in July 2017 to monitoring the lateral migration of LFG from the site. The trial was confirmed a success in the 2009 report and was then adopted for the balance of the landfill perimeter.

The construction of a biofilter and trench around the remainder of the landfill was commenced in July 2018 and completed in May 2019. As part of the Stage 1 and Stage 2 developments additional investigation location have been added at the perimeter of the former Landfill to ensure the spacing is adequate to continue to monitor the potential for fugitive emissions.

Table 3 – Site History Chronology of Activities

Date	Detail
1994	Landfill ceased. Base of landfill RL 58.0m AHD. Volume of void estimated at 950,000 m3 based on a plan of the excavated void and a plan of final landform of the Camide landfill (Egis Consulting Australia Pty Limited, April 1999)
October 1998	Development consent for continued quarrying, landfilling and site remediation granted in Land and Environment Court with conditions that a Landfill Closure Plan be developed and implemented for the pre-existing Camide landfill
October 1998	Investigation of the Camide landfill commenced: thickness and construction of landfill capping layer assessed using test pits (thickness varied from 200 mm to 800 mm). Past groundwater monitoring reviewed. Surface and sub-surface gas measured. Additional groundwater wells installed to the full depth of the landfill.
August 1999	LCP proposes upgrading of landfill capping layer, installation of landfill gas monitoring wells, and a landfill gas monitoring program to complement the groundwater monitoring program. This was reflected in the EPA licence, which included these monitoring locations as a variation dated 22/6/2001. These points were monitored monthly, waters were reduced the quarterly in July 2002.
June 2000	Landfill capping upgraded according to LCP. Consequences were reduced surface gas emissions but increased sub-surface gas migration.
May 2001	EPA require investigation of the levels of leachate and landfill gas being generated by the decomposing waste present in the landfill, Pollution Reduction Program (PRP) added to EPL 123.
October 2002	Development application for conventional landfill gas management in accordance with EPA requirements submitted to Fairfield Council.
December 2003	DA consent granted from Fairfield Council to install gas extraction and flaring system. Local residents objected on grounds of noise, visual aesthetics and emissions, leading to alternative treatments being sought.
November 2004	Proposal to investigate passive biofiltration system submitted to EPA.
March 2005	Trial biofilter added to EPL123 PRP
June 2005	Stage 1 trial construction of gas interception biofilter and trench along western boundary of landfill. Gas readings were monitored until March 2006. Average gas in GM7 prior to installation 37.5%; 0.6% after installation. Report on stage 1 submitted to EPA.
April 2006	Application is made to the EPA regarding decreasing monitoring to quarterly due to the stabilisation of the landfill; variation of the licence is dated August 2006.
October 2006	Full scale version of trench constructed and PRP regarding the trench removed from the EPL.
October 2006 to Present	Monitoring undertaken quarterly as required by EPL 123 (VGT)
October 2013	Mulch replaced over biofilter trench, repairs to observation wells.
July 2017	Landfill gas wells GM12 – GM32 installed by DLA
August 2017 - ongoing	Landfill gas monitoring of GM12 – GM32 undertaken by DLA/ERM
July 2018 to May 2019	Remainder of biofiltration trench constructed
June 2019	Landfill Gas Risk Assessment of Stage 1 completed. This report includes review of the data which was collected for the validation of the effectiveness of the BT
September 2020	Landfill Gas Risk Assessment of Stage 2 completed. This report includes review of the data which was collected for the validation of the effectiveness of the BT

2.3 Environmental Setting

The environmental setting and surrounding environment are detailed in the LCP (EGIS 1999), RAP (DLA 2017) report with summary information also provided in the LFGRA (DLA 2017) report which are referenced in Section 6. These conditions were further investigated and refined in two LFGRA which assess the risk to Stage 1 (2019 BSA) and Stage 2 (DBD 2020) which immediately adjoin the former Camide Landfill. The site setting includes the wider background of the setting which includes the quarry operations (by PGH Bricks & Pavers), the surrounding adjacent sites and the former Camide Landfill (specifically Landfill Gas). A summary of the key information from these reports is provided in the following sections.

2.3.1 Regional Geology

The 1:100,000 Soil Landscape Sheet for Penrith (9030, 1989) shows the landform to comprise the Blacktown Unit with gently undulating rises on Wianamatta Group bedrock with slopes usually <5% and broad round hill crests.

The Blacktown Unit is described as a 'Residual Landscape'. The soils of this unit comprise hard setting, mottled texture contrast soils, including shallow (<1.5m) red and brown podsols on the crests, grading to deeper (>2m) yellow podsols on the lower slopes and near drainage lines. This unit is associated with known salinity and dispersive hazard, particularly in lower slopes and streamlines where soils have the potential to become waterlogged.

2.3.2 Site Specific Geology

Previous investigations have indicated that the Site contains red podzolics with brown silty to clay loam topsoils and dark red sub plastic medium clay subsoils which are in turn underlain by weathered sandstone, shale and siltstone bedrock encountered at depths ranging from 0.9 to 5.2 metres.

2.3.3 Hydrology and Hydrogeology

The structural and textural characteristics of the Bringelly Shale underlying the Site and of the Wianamatta Group determine the hydrological regime of the region. Claystones, siltstones and sandstones underlying the Site are of negligible porosity and permeability due to the fine-grained nature and the degree of intergranular cementation. Groundwater in these formations is stored and migrates principally through fractures and joints.

Surface clays derived from the weathering and alteration of the Bringelly Shale form a capping layer over the underlying and less weathered rock mass restricting infiltration and groundwater recharge. The limited groundwater recharge and low permeability results in poor flushing of the rock mass, leaving connate salts within the sediments. As a result, high salinity and low yield are a common trait of the groundwater within the Wianamatta bedrock.

The distribution of groundwater levels across the entire Site does not form a consistent pattern, locally the groundwater levels are influenced by the quarry voids. Overall a gradient exists in a north-westerly direction towards Ropes Creek. Typically, groundwater levels at the Site vary between 2 and 10 metres below existing natural ground levels.

2.3.4 Landfill Gas

Previous investigations of LFG at the Camide Landfill site have found elevated concentrations of landfill gases in perimeter wells at the south, north and eastern perimeter. Methane gas was measured in excess of 1%v/v (DLA 2016) which therefore does not comply with the investigation criteria. In response to these exceedances additional investigations including a Remediation Action Plan (DLA 2017) and installation of a biofiltration trench (BT) around the perimeter of the waste mass has been executed and validated along the northern boundary by three rounds of monitoring data (5th April 2019, 17th April 2019 and the 10th May 2019). It should be noted that the western portion of the BT was previously validated by Dever (2009) and the southern and eastern portions of the trench have only one round of validation monitoring.

Results of the post installation monitoring at perimeter locations outside of the BT in May 2019 indicate a reduction of methane concentrations to below the threshold concentration of 1%v/v. The subsequent

monitoring of the northern portion of the BT undertaken by Biogas Systems on the 22nd May 2019 and 19th June 2019 confirmed the effectiveness of the BT as reported in Stage 1 Landfill Gas Risk Assessment Horsley Park 2019. This monitoring confirmed the effectiveness of the northern portion of the BT in the direction of the closest commercial / industrial land user.

In order to assess the gas migration (pathways) from the former landfill (source) to the Stage 2 development (receptor) newly installed perimeter wells were installed and monitored in an intensive six-week program. The risk assessment undertaken relies predominantly on the data gathered from the continuous monitoring locations and six weeks of spot monitoring of the new and relevant existing LFG wells. In addition to this intensive investigation, historical spot monitoring and groundwater level data has been utilised where it is deemed suitable for this risk assessment.

The data gaps addressed in this assessment include the re-establishment of a perimeter well spacing of 20m through additional locations and replacement of wells, more thorough investigation of conditions utilising continuous gas monitor, confirmation of borehole flow using a GFM, dipping of groundwater wells on multiple occasions to gain an understanding of groundwater elevation respective to the biofiltration trench and investigation of the effectiveness of the biofiltration trench.

Under current site conditions LFG at the Stage 1 and Stage 2 developments are not considered to pose an unacceptable risk to on-site human receptors. The LFG risk between Stage 1 and Stage 2 and the former Camide Landfill was determined to be Low (CS2) based on the Level 2 risk analysis and assessments completed for each adjoining site. There are no current sources on the Stage 1 and Stage 2 sites (except for CO2 in validated geotechnical fill). The only plausible pathways and therefore potential risk is only fully realised when ground gas can migrate beneath or through the biofiltration trench.

The surveyed depth of the trench is known from as constructed drawings, confirmation of the current perimeter well network elevation and depth in meters Australian Height Datum has been identified as a data gap requiring future work. The current assessment of the depth of groundwater and the depth of the biofiltration trench has been calculated using as constructed survey (relative levels) and field measurements meters below ground surface. More accurate confirmation of these elevations will provide more certainty that migration beneath the biofiltration trench is not occurring.

The Level 1 risk analysis and assessment identified services in proximity to the landfill as a potential receptor with a moderate qualitative risk. The services present on the Camide landfill are limited to stormwater which is collected along the western boundary and discharged by gravity to the north of the Stage 1 devleopment. This is the only plausible pathway for gas migration through services from the former Camide Landfill. There are no proposed or existing services between Stage 2 and the former Camide Landfill.

Based on the findings of this landfill gas risk assessment, the risk of landfill gas migration from the former Camide Landfill onto the Stage 1 and Stage 2 developments and causing harm to human health is considered low and no specific development constraints have been identified with the exception of ensuring that the buildings are constructed with a reinforced concrete ground-bearing foundation raft slab with limited service penetrations cast into slab.

3 LANDFILL GAS MANAGEMENT

3.1 Introduction

Landfill gas is being generated from the landfill and has the potential to migrate for a period of 10-20 years at levels that may cause harm to human health of the environment. Although significant investigations and remediation to prevent lateral migration (specifically the Biofiltration Trench) has been completed, the gas mitigation measure should be validated, and site conditions assessed over time.

The long-term monitoring of LFG is required to account for changing site conditions, climatic conditions and any natural disasters that may alter the effectiveness of the gas mitigation measures.

The term 'hazardous ground gas' is applied to both gases and vapours that may be present within the pore space of soils and rocks and may impact adversely upon human health and safety or the integrity of structures and may consequently affect activities such as the construction and management of buildings. Such gases or vapours may be of natural or anthropogenic origin.

The ground gases that are generally of concern in this context are:

- Methane, carbon dioxide, carbon monoxide, petroleum vapours, hydrogen, hydrogen sulphide, radon, volatile organic compounds (VOCs).

Of concern at the former Camide Landfill is the presence of methane and carbon dioxide in high concentrations.

- Methane (CH_4) is a flammable gas that is explosive in the concentration range 5–15% v/v in air (somewhat different ranges may apply in atmospheres with enhanced or reduced oxygen concentrations). It is also potentially an asphyxiant if its presence results in a low oxygen concentration. It is less dense than air and has a distinct odour.
- Carbon dioxide (CO_2) is an asphyxiant and toxic gas that is significantly denser than air and is odourless.

This EMP is the document to assist stakeholders manage landfill gas and ensure the performance of the gas mitigation measures until evidence suggest there is no longer a risk to surrounding land users.

3.2 Regulatory Requirements

The following laws, and relevant associated regulatory instruments, have been considered in the preparation of this EMP.

- Protection of the Environment Operations (POEO) Act 1997.
- Environment Planning and Assessment (EP&A) Act 1979.
- Contaminated Land Management (CLM) Act 1997.

The site is no longer an operating landfill, however, still maintains an EPL. The proposed screening criteria for the objective of this EMP is to provide a landfill gas management plan that will be enforced to ensure protection of surrounding land users from the former Camide Landfill. Therefore, the application of screening criteria from the Assessment and Management of Hazardous Ground Gases (NSW 2019) are the most applicable for the assessment of risk to surrounding sites posed by the former landfilling activities.

3.2.1 Environmental and Safety Plans

It is acknowledged that there are environmental and WHS risks associated with any works completed within the landfill site. This EMP has not specifically outlined the requirements for management of future potential civil works which may include excavation for maintenance and installation of services as these risks vary depending on the scope of works. The management of these future works will be required to be addressed in a standalone Construction Environmental Management Plan (CEMP) prepared by a suitably qualified

consultant or contractor specific to the works. The CEMP will include associated safety and environmental management requirements associated with ground disturbance activities with particular reference to hazardous gases, confined space, reinstatement and rectification or cap and the biofiltration trench as required. Any changes to site conditions will need to be reflected in an updated EMP to ensure risk is properly managed and monitored.

3.3 LFG Migration Controls

3.3.1 Landfill Cap

A landfill cap consisting of 1m clay and 0.5m landscaping material has been constructed at the site. The purpose of the cap is to reduce infiltration and reduce surface gas emissions. The landfill cap should be maintained to ensure continued performance. Performance of the cap will be assessed through surface monitoring and inspections as outlined below.

3.3.2 Perimeter Biofiltration Trench

The biofiltration trench should be maintained to ensure continued performance. This includes topping up the trench with coarse mulch as required and ensuring that the biofiltration media remains moist, particularly during the drier months. Monitoring and management of the biofiltration trench should be conducted in accordance with the handbook for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system (NSW DECC, 2010). Performance of the biofiltration trench will be assessed through surface monitoring and inspection as outlined below.

3.4 Adopted Threshold Criteria

The following table outlines the adopted threshold criteria to be applied to subsurface, surface and biofiltration trench emissions and enclosed space monitoring. The summary Table 4 below highlights the key criteria and the section below detail each aspect of monitoring.

Table 4 – Subsurface Gas Monitoring Locations

Aspect	Parameter	Threshold (NSW EPA 2019)
Subsurface	Methane (CH4)	1 %v/v
	Carbon dioxide (CO2)	1.5%v/v above historical
	Carbon monoxide (CO)	5ppm (Limit of Instrument error)
	Hydrogen sulphide (H2S)	5ppm (Limit of Instrument error)
	Water Level	Depth to water exceed the total
Surface Emissions	Methane (CH4)	500ppm (0.05%v/v)
	Windspeed	10 km/h
Biofiltration Trench	Moisture (Hand Squeeze)	50-60% Moisture*
Enclosed Space Monitoring	Methane (CH4)	1%v/v
	Carbon dioxide (CO2)	1.5%v/v
	Carbon monoxide (CO)	5ppm (Limit of Instrument error)
	Hydrogen sulphide (H2S)	5ppm (Limit of Instrument error)

*Field test commonly used in composting, refers to requirements in the handbook for Biofiltration (NSW DECCW, 2010)

3.5 Subsurface Gas Monitoring (Perimeter LFG Wells)

3.5.1 Requirements

The perimeter well network was established to monitor the lateral migration of LFG from the landfill. Post installation of the BT these perimeter wells act as trigger wells to monitor the effectiveness of the gas mitigation

measure. These perimeter wells are required to be operational to monitor the effectiveness of the trench and inform future landfill gas risk assessments if possible.

3.5.2 Objectives

The objective of the subsurface gas monitoring is to detect lateral migration of landfill gas across the biofiltration trench and measure the potential risk to off-site properties.

3.5.3 Monitoring Locations

Subsurface monitoring should be undertaken on all landfill gas monitoring wells for the Camide Landfill however the specific wells required to monitor conditions which may impact Stage 2 are outlined in Table 5 below. Monitoring locations are shown on Figure 2. Subsurface monitoring should be undertaken in accordance with NSW EPA *Environmental Guidelines: Solid Waste Landfill* (SWLG 2016).

Table 5 – Subsurface Gas Monitoring Locations

Well ID	Inside or Outside Trench
GM1	Outside
GM6	Outside
GM7	Outside
GM8	Outside
GM9	Outside
GM10	Outside
GM12	Outside
GM13	Outside
GM13A	Outside
GM14	Outside
GM15	Outside
GM15A	Outside
GM17	Outside
GM18	Outside
GM20	Outside
GM21	Inside**
GM22	Inside**
GM23	Outside
GM25	Outside
GM26	Outside
GM27	Outside
GM28	Inside**
GM29	Inside**
GM30	Outside
GM31	Outside
GM32	Outside
GM33	Outside
GM34	Outside
GM35	Outside
GM36	Outside
GM37	Outside
GM38	Outside

Well ID	Inside or Outside Trench
GM39	Outside
GM40	Outside
GM41	Outside
GM42	Outside
GM43	Outside / Background
GM44	Outside

'**' These wells are included in the monitoring program to provide data over time of the landfill gas conditions. They are not to be assessed against the threshold criteria for action due to their location on the inside of the biofiltration trench.

The condition of each LFG well should be noted on field forms and confirmation as operational or not for the purpose of LFG monitoring. In the event that a monitoring well becomes unsuitable for purpose then the replacement of the monitoring wells should be considered with respect to the overall coverage of the monitoring network.

3.5.4 Landfill gas analyser

Monitoring subsurface wells with a GA5000 LFG gas analyser (or equivalent) will be used to assess concentration of typical landfill gas constituents listed below in Table 6. The performance specification of the LFG analyser is presented in Table 6 below. The monitoring procedure for landfill gas well monitoring and bump test quality control requirements are provided in Appendix D.

Table 6 – Specification for handheld gas monitors

Range	CH_4	0 - 70% to specification, 0-100% reading		
	CO_2	0 - 40% to specification, 0-100% reading		
	O_2	0 - 25%		
	CO	0 – 200 ppm		
	H_2S	0 – 200 ppm		
	Flow	± 3.0 L/hr		
	Pressure	± 4.0 mb		
Typical accuracy	**Gas**	**0-5 %v/v**	**5-15 %v/v**	**15 %- Full Scale (FS)**
	CH_4	±0.5%	±1.0%	±3.0%
	CO_2	±0.5%	±1.0%	±3.0%
	O_2	±1.0%	±1.0%	±1.0%
	Gas		**0-FS**	
	CO (0 – 500 ppm version)		±10.0% FS	
	CO (0 to 2000 ppm, H_2 compensated version)		±10.0% of reading or 15 ppm, whichever is greater	
	H_2S (0 - 200 ppm)		±10.0% FS	

Table 7 – Subsurface Gas Monitoring Parameters

Parameter	Unit of Measurement
Methane (CH_4)	%v/v
Carbon dioxide (CO_2)	%v/v
Carbon monoxide (CO)	ppm
Hydrogen sulphide (H_2S)	ppm
Oxygen (O_2)	%v/v
Flow rate	Litres/hour
Pressure	mb (equivalent to Hpa)
Water level	mbgl

Table 8 – Subsurface Gas Monitoring Threshold

Parameter	Threshold (NSW EPA 2019)
Methane (CH_4)	1 %v/v
Carbon dioxide (CO_2)	1.5%v/v above historical background levels or above the identified background level reported in GM43 (Appendix B)
Carbon monoxide (CO)	5ppm (Limit of Instrument error)
Hydrogen sulphide (H_2S)	5ppm (Limit of Instrument error)
Water Level	Depth to water exceed the total depth of the biofiltration trench

In the event that a threshold concentration is exceeded this will trigger additional investigation in the form of data interrogation (QA/QC) and potentially resampling of the location(s) that exceeded the threshold. The background levels for carbon dioxide have been taken from the post BT installation or the highest reported background CO2 concentration reported at GM43 as shown in the table in Appendix B. The initial screening assessment against adopted criteria provides the first pass investigation of the gas conditions. Following the screening assessment results are to be plotted against historical and assessed for increasing trends. In the event of an increasing trend for LFG constituent's further investigation into the risk this increasing concentration will have on the adjacent Stage 2 development and occupants.

The water level threshold is a secondary indicator of the BT effectiveness and should be considered with gas concentration reported at the same location. In the event that gas concentration has exceeded threshold criteria and show a reported increasing trend comparison of trench invert levels and standing water levels mAHD should be reviewed. More intensive monitoring of groundwater conditions may be required to determine the period that a potential pathway exists beneath the BT.

This increased risk (if identified) could result in a Tier 3 risk assessment with Vapour Intrusion (VI) modelling or fast tracking future contingency measures of implementing an active gas extraction system.

The timing of the monitoring and frequency of the monitoring events is outlined in Table 9.

Table 9 – Subsurface Gas Timing and Frequency

Action Item	Frequency	Timing
Subsurface gas monitoring	Quarterly	February, May, August, November

The quarterly monitoring should continue for a period of 24 months following the implementation of this EMP. After a period of 24 months a review of the LFG trend should indicate a stable or reducing concentration trend for both methane and carbon dioxide and have reported below 1%v/v and 1.5%v/v (or established background) respectively for a period of 24 months.

In the event that a well(s) is reported dry at total depth an investigation of well integrity and weekly investigation of water levels and gas concentrations should be undertaken to assess the risk of off-site migration and effectiveness of the BT. If the well(s) experiences extended dry conditions a landfill gas risks assessment should be undertaken to determine the effectiveness of the BT and reassess the potential LFG risk to surrounding land users.

3.5.5 Reporting

Quarterly and annual reporting requirements as outlined in Section 5.

If methane concentrations exceed 1.25 %v/v (25% of the lower explosive limit) in the perimeter wells during monitoring, reporting to EPA is required as outlined in Section 60(4) of the CLM Act requires a person who has a duty to report contamination to notify the NSW EPA.

In the event that corrective actions are required reporting in the form of individual reports detailing the investigations undertaken will be submitted to the Project Manager, Site Owner and passed on to the appropriate regulatory authorities and notification to adjacent property owners where required.

3.5.6 Corrective / Contingency Actions

If methane concentrations exceed 1%v/v and other LFG constituents (CO2, H2S, CO) report data that represents an increasing trend within perimeter monitoring wells. an increase in testing frequency should be undertaken. The initial response will be to increase testing frequency based on a review of the data by the Environmental Consultant. Indicatively the initial assessments would be daily until stabilised then return to quarterly.

If exceedances of landfill gases are persistent and an increasing concentration trend is established over a period of three consecutive monitoring events this will trigger an update to the 2017 LFG Risk Assessment for the Camide Landfill (DLA, 2017), Stage 1 LFG Risk Assessment (DBD 2019) and Stage 2 LFG Risk Assessment (DBD 2020) to address the potential risk to off-site receptors. A landfill gas risk assessment should be undertaken in accordance with Guidelines for the Assessment and Management of Sites Impacted by Hazardous Ground Gases (NSW 2019) to determine additional LFG mitigation options.

Notifications will be made to the adjacent property owners/management if an update of the Stage 1 LFGRA and Stage 2 LFGRA is required (i.e. increasing concentrations trend and off-site service monitoring is required)

If a potential risk to off-site land uses is identified (via increasing trend in the perimeter monitoring wells over three consecutive events) in the routine monitoring or subsequent follow up monitoring of the off-site services, mitigation measures should be implemented in accordance with recommendations of the updated landfill gas risk assessment.

3.6 Surface Gas and Biofiltration Trench Monitoring

3.6.1 Requirements

The landfill has been capped to reduce water infiltration and vertical landfill gas migration. To ensure the ongoing performance of the cap, monitoring and maintenance is required.

3.6.2 Objectives

The objective of the surface gas monitoring is to demonstrate that the landfill cap is effective in controlling the emission of landfill gas and reducing infiltration. Monitoring the surface of the landfill should locate any point sources that may be emitting landfill gas.

3.6.3 Performance Indicators

- Methane concentrations do not exceed 500 ppm
- No large cracks or erosion noted
- Biofilter media in good condition, at correct moisture levels and has not subsided

3.6.4 Monitoring Requirements

Surface monitoring should be undertaken on the landfill in accordance with SWLG 2016 and EPL 123. Biofiltration trench monitoring should be undertaken in accordance with the handbook for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system (NSW DECCW, 2010)

3.6.5 Surface and utility pit gas analyser

Surface gas monitoring should be undertaken with a device with a detection sensitivity for methane of less than 100 ppm. An RKI Eagle 2 or TDL 500 instrument (or equivalent) is the preferred instrument with the required detection limit. Preferred instrument specification is summarised in Table 10 and the units of measurements and threshold for further investigation are outlined in Table 11. The monitoring procedure for surface walkover is outlined below and the bump test requirements are provided in Appendix D.

Table 10 – Surface gas analyser specification

Item	Range
Response Time, T90	CH4 - 4.5 seconds T10 standards: 2 seconds with suction rod T90: 6 seconds with suction rod T10: < 3.5 seconds
Gases Measured	CH4 by laser spectroscopy
Range	CH4 - 0-10,000 ppm and 0 ppm to 100% gas volume
ATEX	II 2G Ex ib IIB T4
CE	94/9/CE directive dated March 23rd 1994

During the surface gas and biofiltration trench walkover the wind conditions should be gathered using a handheld anemometer and recorded frequently on field notes.

Table 11 – Surface Gas Monitoring Parameters and Threshold

Parameter	Unit of Measurement	Threshold (NSW 2019)
Methane (CH_4)	ppm or %v/v	500ppm (0.05%v/v)
Windspeed	km/h	10 km/h
Moisture (Hand Squeeze)	-	50-60% Moisture*

*Hand squeeze methodology is not a threshold regulated in the NSW EPA 2019 guidelines or in the biofiltration handbook (DECCW 2010). This is a field test used in composting to easily determine moisture content of a similar media to the material present in the biofiltration trench.

The criteria for rainfall should be considered and noted if rainfall occurs prior to the surface emissions investigation. Although these are recommended values, they are not always achievable in period of dropping barometric pressure and need to be considered during the reporting phases. The timing of the monitoring and frequency of the monitoring events is outlined in Table 12.

Table 12 – Surface Emissions Timing and Frequency

Action Item	Frequency	Timing
Surface gas monitoring	Quarterly	February, May, August, November

3.6.6 Surface Walkover Monitoring Procedure

Methane should be tested in the atmosphere 50mm above the landfill surface in areas with intermediate or final cover/capping. Testing should be conducted in a grid pattern across the landfill surface at 25-metre spacings. Depressions in the cover material, or surface fissures away from the sampling grid, should also be investigated. The monitoring should be performed on calm days (winds below 10 kilometres/hour) and preferably during periods of relatively low and stable atmospheric pressure (e.g. less than 101.3 kPa). The procedure above is based on the surface emissions monitoring section of '*Environmental Guidelines: Solid Waste Landfill*' 2016.

3.6.7 Biofiltration Monitoring and Management

The following procedure for management and monitoring of the biofiltration trench has been taken from the NSW Department of Environment, Climate Change and Water 'Handbook *for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system*' (March 2010). Monitoring should occur quarterly plus after significant rainfall events e.g. > 20 mm of rainfall. Monitoring should also occur more regularly during drought to check the moisture levels of the biofilter media. Regular monitoring should include:

A regular inspection of the biofilter to assess the following:

- odours from the biofilter.
- condition of the biofilter media including settlement, formation of a surface crust, scouring, and / or desiccation of the media.
- moisture content of the upper layers of the biofilter media.
- ponding of water on the surface of the biofilter media.
- condition of vegetation growing on the biofilter surface, including weeds / unwanted vegetation; and
- condition of surface water management measures.

Monitoring of the following:

- composition and flow of landfill gas from the passive drainage system(s) to the biofilter(s) emissions / flux from the surface of the biofilter (methane and carbon dioxide).
- moisture content of the upper layers of the biofilter media, particularly in a dry / hot climate / drought condition; and
- depth of drainage water in the gas distribution layer / biofilter media.

The hand squeezed method for moisture determination is commonly used in the organics processing industry.

The simple method is as follows:

- Take a tennis ball sized sample of the organic material in your hand. Be aware of sharp objects.
- Squeeze the organic material like a firm handshake.
- Open your hand and inspect the organic material.

Results - If free water is released the organic material is too wet. If the organic material crumbles and falls apart it is too dry. If the organic material stays together the moisture content is correct (50-60%).

Maintenance of a passive gas drainage and biofiltration system is dependent on the results of monitoring and may involve the following:

- drainage of water from the aggregate gas distribution layer if the biofilter is in box / above ground or lined
- maintaining vegetation growth on the biofilter media e.g. mowing, trimming, weed removal and disposal
- topping up the media to overcome media settlement, if required

- turn / fork upper layer of media, as required, when / if a crust forms
- addition of a wetting agent to the biofilter media (upper layers), if found to not be holding water
- replacement of the upper layers of the biofilter media, if the crust too hard to break up and / or a wetting agent does not work.

Replacement of the biofilter media, if required, as determined by monitoring. Indicators may include:

- reduced biofilter performance i.e. methane oxidation rate
- large / excessive settlement, which may adversely affect media porosity and subsequently gas and water movement through the biofilter media
- ponding of water on the surface of the biofilter, which may indicate clogging and
- clogging of the biofilter media, which may be due to settlement, microbial growth or EPS formation, and which may adversely affect media porosity and subsequently gas and water movement through the biofilter media.

The biofilter media should be pre-mixed off site (at the source / producer of the materials) and delivered to site immediately prior to placement in the biofilter, to minimise construction time and storage on site, and consequently minimise potential odours or contamination of stormwater runoff.

Excavated waste should be disposed of immediately after excavation at an approved waste disposal site. Landfilled waste should not be stockpiled on the site.

3.6.8 Reporting

Quarterly and annual reporting requirements as outlined in Section 5.

In the event that corrective actions are required reporting of in the form of individual reports detailing the investigations undertaken will be submitted to the Project Manager, Site Owner and passed on to the appropriate regulatory authorities where required.

3.6.9 Corrective Actions

If methane concentrations exceed 500 ppm corrective action is required. Initial response is to complete additional walkovers with increased frequency (initially daily until conditions report below the adopted criteria). Flux (emissions) monitoring would then be conducted to quantify emission rates and help identify the extent of gas loss through the biofiltration trench.

The increase in methane concentrations above 500ppm at the surface may indicate a failure in the biofiltration media. After initial investigations the following actions, guided by the findings and observations of the biofiltration trench may include but not be limited to:

- Repairing or replacing cover material (spent biofiltration media).
- Repairing or replacing underlying porous material (clear any blockages).
- Adjustment or installation of landfill gas controls to extract and treat gas.

3.7 Gas Accumulation in Enclosed Structures

3.7.1 Requirements

Monitoring of the potential for LFG to accumulate in subsurface pits and enclosures (i.e. stormwater pits, telecommunication, power pits, irrigation pits etc) on or near the landfill to ensure gas is not accumulating to dangerous levels.

Landfill gas is primarily made up of methane, carbon dioxide, carbon monoxide and hydrogen sulphide and must not accumulate in buildings. Methane is explosive in the range of 5% to 15% (volume/volume), and landfill gas can be an asphyxiant in enclosed spaces.

3.7.2 Objectives

The objective of the subsurface structure gas monitoring is to monitor gas build up which may have the potential to be explosive risk on site and have the potential to migrate off-site to surrounding land users.

3.7.3 Performance Indicators

- Methane concentrations do not exceed 1 %v/v (NSW 2019)

3.7.4 Monitoring Requirements

Gas accumulation monitoring in enclosed structures monitoring should be undertaken in accordance with SWLG 2016 and the procedures outlined in Appendix D. Monitor potential gas accumulation in subsurface structures which do not have preventative measures installed. These monitoring points should include the stormwater pits which run to the north across into Stage 1 from the landfill site as shown on Figure 3 and Table 13 below. The monitoring procedure for landfill gas monitoring of enclosed structure and bump test quality control requirements are provided in Appendix D.

Table 13 – Enclosed structures identified for monitoring

Enclosed Structure ID	On-site Structure
SW1	On-site (Inside BT)
SW2	On-site (Outside BT)

The stormwater pits collect surface water from the landfill capping and direct waters into the initial collection pit (SW1) which is located beneath the surface on the inside of the BT. This pit is connected to the next pit (SW2) which is located in the detention basin to the north and then connects into a stormwater management system which moves to the north along the western boundary of the Stage 1 property to discharge near Burley Road.

It should be noted that the future plans indicate an adjacent road to the west of the landfill which will include services including, but not limited to, stormwater. These future locations should be included in updated versions of the EMP or noted and incorporated into the monitoring schedule.

3.7.5 Landfill gas analyser

Monitoring of utility pits with an LFG gas analyser (GA5000 or equivalent) will be used to assess concentration of typical landfill gas constituents. The performance specification of the LFG analyser is presented below in Table 14 and the units of measurement are provided in Table 15. The threshold for LFG gas concentrations in enclosed structures is presented in Table 16 with other gases to be recorded for information rather than a threshold for action.

Table 14 – Specification for handheld gas monitors

Range	CH_4	0 - 70% to specification, 0-100% reading		
	CO_2	0 - 40% to specification, 0-100% reading		
	O_2	0 - 25%		
	CO	0 – 200 ppm		
	H_2S	0 – 200 ppm		
	Flow	± 3.0 L/hr		
	Pressure	± 4.0 mb		
Typical accuracy	**Gas**	**0-5 %v/v**	**5-15 %v/v**	**15 %- Full Scale (FS)**
	CH_4	±0.5%	±1.0%	±3.0%

	CO_2	±0.5%	±1.0%	±3.0%
	O_2	±1.0%	±1.0%	±1.0%
	Gas		**0-FS**	
	CO (0 – 500 ppm version)		±10.0% FS	
	CO (0 to 2000 ppm, H_2 compensated version)		±10.0% of reading or 15 ppm, whichever is greater	
	H_2S (0 - 200 ppm)		±10.0% FS	

Table 15 – Enclosed Structure Gas Monitoring Parameters

Parameter	Unit of Measurement
Methane (CH_4)	%v/v
Carbon dioxide (CO_2)	%v/v
Carbon monoxide (CO)	ppm
Hydrogen sulphide (H_2S)	ppm
Oxygen (O_2)	%v/v

Table 16 – Enclosed Structure Gas Monitoring Threshold

Parameter	Threshold (NSW 2019)
Methane (CH_4)	1%v/v
Carbon dioxide (CO_2)	1.5%v/v
Carbon monoxide (CO)	5ppm (Limit of Instrument error)
Hydrogen sulphide (H_2S)	5ppm (Limit of Instrument error)

In the event that a threshold concentration is exceeded this will trigger additional investigation in the form of an initial data interrogation and resampling of the location(s) that exceeded the threshold. The timing of the monitoring and frequency of the monitoring events is outlined in Table 17.

Table 17 – Enclosed Gas Timing and Frequency

Action Item	Frequency	Timing
Enclosed structure gas monitoring	Quarterly	February, May, August, November

3.7.6 Reporting

Quarterly and annual reporting requirements as outlined in Section 5.

If methane concentrations exceed 1.25 %v/v (25% of the lower explosive level) in the enclosed structure during monitoring, reporting to EPA is required as outlined in Section 60(4) of the CLM Act requires a person who has a duty to report contamination to notify the NSW EPA.

In the event that corrective actions are required reporting of in the form of individual reports detailing the investigations undertaken will be submitted to the Project Manager, Site Owner and passed on to the appropriate regulatory authorities and adjacent property owners where required.

3.7.7 Corrective Actions

If methane concentrations exceed the adopted threshold criteria within enclosed structures, an increase in testing frequency should be undertaken. The increase in frequency should be determined based on a review of the data by the Environmental Consultant. Indicatively the initial assessments would be daily until stabilised then return to quarterly.

If exceedances of landfill gases are persistent and an increasing concentration trend is established there is a potential risk to off-site receptors. A landfill gas risk assessment should be undertaken in accordance with *Guidelines for the Assessment and Management of Sites Impacted by Hazardous Ground Gases (NSW 2019)* to determine additional LFG mitigation options.

If a potential risk to offsite land uses is identified, mitigation measures should be implemented in accordance with recommendations of and updated landfill gas risk assessment.

These may include application of proprietary products (sealants i.e Sikaflex) that seal the inside of pits alterations to the pit lids (i.e. fireproof mesh) and or ventilation.

3.8 Data Collection

To ensure the data collected is of sufficient quality and can be relied upon the works should be undertaken by a suitably qualified person. The methodologies for collection of data should be undertaken in accordance with SWLG 2016 and industry best practice.

All equipment used for the collection of data should have appropriate detection levels and accuracy for the monitoring undertaken. Calibration certificates and other quality assurance and quality control procedures undertaken should be documented and discussed in the annual report.

In preparation for each monitoring event weather conditions including rainfall, windspeed and barometric conditions before during and after each monitoring event should be downloaded from the Bureau of Meteorology (BOM). Specifically, BOM data should be collected from the nearest weather station (Badgerys Creek) that collects this data at the required frequency.

The required field forms to complete the field data collection are provided in Appendix C.

4 ROLES AND RESPONSIBILTIES

The roles and responsibilities for execution of the EMP is outlined in Table 18 below.

Table 18 – Roles and Responsibilities for the EMP

Responsible party	Task
CSR Building Products Limited (Site Owner)	Implementation of EMP including the following: ▪ Maintains ultimate responsibility for implementation of the EMP. ▪ Acknowledge that the EMP is an important document for the safe operation and management of the Site. Make an executive manager responsible for implementation. ▪ Appoint a project manager and an environmental consultant, to perform the necessary tasks as specified in the EMP. ▪ Provide this EMP to purchasers, tenants and contractors, or delegate this role to the owner's solicitor or agent. ▪ Ensure that potential future purchasers of the former Camide Landfill Site are aware of remediation works that have been undertaken and the need to develop their own ongoing management measures to ensure that the integrity of the gas mitigation system is not compromised and that there is no unacceptable risk to building occupants as a result of Hazardous Ground Gas (HGG) intrusion. ▪ Review plans for future works and associated method statements as required, to check that adequate environmental management measures are incorporated into the planning and are aligned with this EMP. ▪ Ensure monitoring works are being conducted and reported to the Site Auditor (if required) in compliance with the requirements included in this EMP. ▪ Maintenance of any site controls or protection measures which form part of this EMP. ▪ Maintenance of the document so that it continues to reflect the site conditions, best practice occupational health and safety recommendations and any changes to the regulatory framework ▪ Maintenance of the document so that it continues to reflect the site conditions, best practice occupational health and safety recommendations and any changes to the regulatory framework ▪ Submit reports to the appropriate regulatory authority or adjacent site owners where required. ▪ Notify the NSW EPA when required as outlined in Section 60(4) of the CLM Act.
Project Manager	▪ Provide competent and suitably qualified personnel for the investigation and/or monitoring of environmental matters. ▪ Liaise with the site owner on environmental management issues. ▪ Coordinate the activities of specialist sub-consultants, testing sub-contractors and project personnel with environmental assessment/monitoring responsibilities. ▪ Assess the suitability of specialist sub-consultants, testing organisations to carry out environmental assessment monitoring/responsibilities.
Environmental Consultant	▪ Undertake monitoring of landfill gas as outlined in this EMP to assess the integrity of the cap and gas mitigation system to validate that there is no unacceptable risk to site users as a result of HGG. ▪ Ensure QA/QC procedures according to the Australian Standards and NEPC guideline requirements are employed. ▪ The Environmental consultant will be complying with statutory requirements applicable to their work, reporting any incidents that may result health or environmental risk arising in connection with their work, and provide monitoring data to the Project Manager and Site Owner in a timely manner.

Responsible party	Task
	▪ Provide assessment reports the with recommendations, as required, based upon the results obtained during investigation / monitoring works.
Employees and Caretakers of the former Camide Landfill	▪ Notify the site owner or its representative of any situation which they consider may represent a potential health risk (such as unexpected finds). ▪ Respond to the directions of the site owner, project manager or other person with delegated authority with respect to environmental matters. ▪ Do not undertake any works (without the permission of the site owner) which may potentially cause environmental impacts (such as disturbance of the landfill capping layer).
Contractors and maintenance workers	▪ Subcontractors employed during any future works will have contractual obligations placed on them to comply with the EMP. As part of the tender briefing process, potential subcontractors should be made aware of their obligations to minimise the environmental impacts of their works. ▪ Subcontractors and suppliers will be required to attend inductions where specific environmental issues are addressed if deemed appropriate. They will be made aware of their requirements to adhere to the EMP in the induction program. ▪ Ensure that risks have been assessed and suitable control measures implemented where the site cap will be disturbed. ▪ Ensure the gas mitigation system and capping are protected during future works. ▪ Ensure that operatives are briefed on the presence of contaminated material below the cap and the potential for landfill gas in trenches, excavations, enclosed voids or within the gas mitigation system.

4.1 Enforcement of the EMP

The responsible party for execution of the EMP will be the site owner (currently CSR Building Products Limited) who will ensure that the works are undertaken and where required threshold exceedances acted upon. In addition to this responsibility the following legal enforceability is outlined in the sale of contract as detailed below.

"Pursuant to the sale contracts between CSR Building Products Limited and the owners of Stage 1 (DP1259616 Lot 202 and DP1264857 Lot 301) and Stage 2 (DP1214912 Lot 103). Trust in respect of the sale of Lots 101 & 102, 327 – 335 Burley Road, Horsley Park CSR Building Products Limited is:

1. responsible to perform any continuing obligations (including under the EMP) which relate to Lots 101, 102 (Stage1 Development) and 103 (Stage 2 Development), 327 – 335 Burley Road, Horsley Park These lots are currently identified in six maps as DP1259616 Lot 202, DP1264857 Lot 301 and DP1214912 Lot 103 respectively.

2. entitled to gain access to Lots 101, 102 & 103, 327 – 335 Burley Road, Horsley Park to enable it to discharge those obligations.

CSR Building Products Limited's rights and obligations continue until its obligations are discharged and, for clarity, do not end with settlement of its sale of Lots 101, 102 & 103, 327 – 335 Burley Road, Horsley Park."

4.2 Currency of the EMP

The site owner is responsible for the site conditions and management of the former Camide landfill to ensure that the EMP is executed and risk to surrounding land users does not exist. The validity of the EMP is to an extent based on the site conditions remaining stable as a closed landfill with regular monitoring and maintenance.

In the event that the site conditions change (i.e. additional development on the landfill) or conditions on adjacent and surrounding sites change (i.e. additional underground services, roads etc) there may be a

requirement to assess these changes in a LFG risk assessment. Any minor changes that occur should be reported in the annual report and may not require a complete update of the risk assessment, however if considered significant by the Environmental Consultant a recommendation to review the pathway in a formal risk assessment should be made.

4.2.1 Perimeter Monitoring Network

The suitability of the perimeter monitoring network should be reviewed annually to ensure that the objectives of the EMP are being met. Consideration should be given to replace lost/destroyed wells to ensure the currency of the EMP and adequacy of the perimeter monitoring network to meet the minimum requirements of the intent of this EMP. This should be undertaken during the annual review as outlined in Section 5.

5 REPORTING/REVIEW

5.1 General

Quarterly monitoring will be reported in a summary letter outlining the works completed, weather conditions and a summary of exceedances. The report will also include tabulated data and compared to the relevant threshold criteria and a figure of the surface walkover survey. The quarterly report will be issued to the Site Owner who should act on any exceedances (if required).

Annual reporting of landfill gas results should be undertaken and submitted to the Site Owner for review and action where required. This report should include presentation of results over the previous 12 months. Any trends or significant results should be highlighted and explained. A review of the methodologies employed, and quality of the data collected should be presented within the annual report. The annual reporting should include an assessment of the risks present at the site boundary as per assessment procedures set out in NSW EPA (2019). Ongoing assessment of the Gas Characterisation Score as measured at the boundary will be utilised as an assessment of potential risk to adjacent properties and site users. Annual review of the monitoring program with regards to site configuration (i.e. development) should be documented in this reporting to capture any significant changes to the site configuration.

Technical reports must be prepared and signed by appropriately qualified and experienced persons. The NSW EPA recognises the CEnvP (SC) and CPSS CSAM certifications as providing a thorough process for certifying contaminated land consultants to an acceptable minimum standard of competency.

5.2 Incident Reporting

The EPA shall be notified of any incident that represents a threat to the environment. If methane is detected at concentrations above 1 % (volume/volume), the occupier must notify the EPA promptly. Within 14 days of this notification, the owner of the site must submit a plan to the EPA for further investigation and/or remediation of the elevated gas levels.

If an acute or explosive risk from ground gases is suspected then immediate action, including contacting relevant emergency services, should be taken to address the risk. It is possible that during ground gas investigations, the presence of gas that is positively or tentatively identified as originating from leaks in gas mains or other services may be detected. In these circumstances the service provider and, if appropriate, the emergency services (NSW Police, NSW Fire and Rescue) should be notified immediately.

5.3 Emergency Contacts

In the event of an incident which has resulted in an acute risk to human health or explosion then dial triple zero to request the required assistance. For incidents that are not considered to put human health in imminent danger then the Project Manager and/or the Site Owner should be notified. Details of the Project Manager and Site Owner should be provided during the site induction.

The list of contacts in Table 18 below outlines the contact details which may be called upon or require notification in an emergency situation.

Table 19 – Emergency Contacts List

Service	Number
All life threatening emergencies	000 (triple zero)
NSW State Emergency Services (SES) – emergency in floods and storms	132 500
NSW Police Assistance – Non-life-threatening calls	131 444
Inner West Council – Emergency after hours:	02 9392 5000
Ausgrid – Power failure, power lines down	13 13 88
Jemena Gas	13 19 09

Service	Number
Sydney Water	13 20 90
Telstra	13 22 03
Optus	13 13 44

5.4 Current and Future Site Conditions

The landfill site is currently a dormant site with no development presently within the allotment with the exception of stormwater bunds, detention pond and associated pits and pipes. The surface capping and access roads are at final leaves and are currently unsealed.

There are no proposed plans to develop the former Camide Landfill site with the only potential change in conditions to improve the gas management or in the event that gas migration measures are required to be implemented (i.e. active LFG extraction system.

In the event that future development is proposed or an active gas extraction system was proposed the works would likely have already triggered an assessment of LFG risk for the risk to on-site users.

5.5 Review

Annually the Environmental Consultant shall review the environmental performance of the site (to be included in the annual report). The review should:

- Analyse the monitoring results and compare them against the relevant statutory requirements, limits or performance measures/criteria and monitoring results of previous years.
- Identify any non-compliance over the last year and describe what actions were or are being taken to ensure compliance.
- Identify any trends in the monitoring data.
- Outline any actions that are required to be implemented to improve environmental performance.
- Identify any additional activities on-site and adjacent to site that may impact LFG migration pathways.
- Confirm or update the previous Characteristic Situation (CS) based on the update Gas Screening Values.

If actions or conditions arise that have altered the conditions of the site, then an additional LFG risk assessment should be completed to assess the risk to surrounding off-site users. In the event that the results of an updated LFGRA require additional LFG mitigation measures (i.e. active extraction) then the EMP should be reviewed and updated to reflect the significantly changes site conditions.

In undertaking a revision of the current EMP the following must occur:

- The site owner must inform the adjacent site owners of the change in conditions.
- If required notify the relevant authorities for environmental and planning changes (including but not limited to NSW EPA and Council).

6 REFERENCES

Biogas Systems Australia (BSA) 2019 – Landfill Gas Risk Assessment, Stage 1 Horsley Park NSW.

Biogas Systems Australia (BSA) 2019 – Environmental Management Plan Landfill, Horsley Park NSW (Stage 1).

Department of Environment, Climate Change and Water (DECCW, 2009) *Handbook for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system*.

Dever, S (2009) *Passive Drainage and Biofiltration of Landfill Gas: Behaviour and Performance in a Temperate Climate*. A thesis submitted in fulfilment of the requirements for the degree of Doctor of Philosophy. School of Civil and Environmental Engineering UNSW Sydney Australia.

Department of Environment, Climate Change and Water (DECC) 'Handbook *for the design, construction, operation, monitoring and maintenance of a passive landfill gas drainage and biofiltration system*' (March 2010)

DBD Environmental (2020) - *Landfill Gas Risk Assessment, Stage 2, 327 – 335 Burley Road, Horsley Park NSW*

DLA (2013) *Phase 1 Preliminary Environmental Site Assessment, Lot 1 in DP 106143, CSR Building Products, 327 – 335 Burley Road, Horsley Park.* DLA Environmental.

DLA (2013) *Phase 2 Detailed Environmental Site Assessment, Lot 1 in DP 106143, CSR Building Products, 327 – 335 Burley Road, Horsley Park*. DLA Environmental.

DLA (2014) *Remediation Action Plan, 327 – 335 Burley Road, Horsley Park NSW 2175.* DLA Environmental.

DLA (2018) *Transpiration Area Assessment, 327 – 335 Burley Road, Horsley Park NSW 2175*. DLA Environmental (ERM).

DLA (2018e) V*alidation Report, 327 – 335 Burley Road, Horsley Park NSW 2175*. DLA Environmental (ERM).

DLA (2017) *Former Camide Landfill - Landfill Gas Risk Assessment, 327 – 335 Burley Road, Horsley Park NSW 2175.*

DLA (2017) *Former Camide Landfill – Validation Sampling, Analysis and Quality Plan, 327 – 335 Burley Road, Horsley Park NSW 2175.* DLA Environmental (Pacific Environment).

EGIS Consulting Australia (1999) *'Landfill Closure Plan for Camide Landfill, Horsley Park'*.

ERM (2019) *Landfill Gas Data Summary – Stage 1, Horsley Park NSW.*

ERM (2019) *Landfill Well Cover Letter.*

NEPC (1999) *National Environment Protection (Assessment of Site Contamination) Amendment Measure 2013* (No.1). National Environment Protection Council.

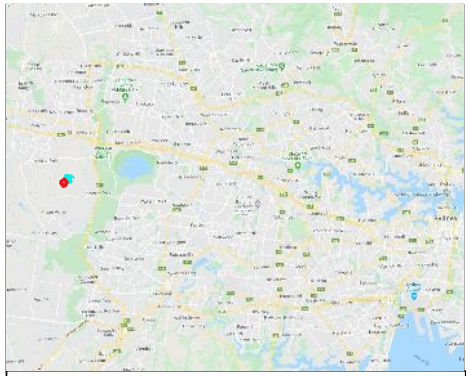
NSW EPA (2017) *Contaminated Land Management: Guidelines for the NSW Site Auditor Scheme 3rd edition.* New South Wales Environment Protection Authority.

New South Wales Environmental Protection Agency (2019), *'Guidelines for the Assessment and Management of Sites Impacted by Hazardous Ground Gases'*.

VIC EPA Publication 1684, (February 2018), *Landfill gas fugitive emissions monitoring guideline*.

New South Wales Environmental Protection Agency (2016), *'Environmental Guidelines: Solid Waste Landfill*'.

Appendix A: FIGURES



LEGEND

- Stage 1
- Stage 2A
- Stage 2B
- Stage 2C
- Stage 3

Site Boundary

- Former Carmide Landfill

0 0.1 0.2 km

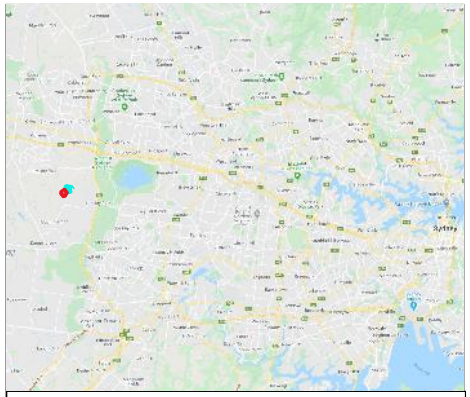
N

Job No. 0103	Revision No: 2
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 1 - Site Location Plan

biogas systems



LEGEND

Site Boundary

Former Carmide Landfill

Trench

Existing Trench

New Trench

Monitoring Wells

LFG

New LFG Location

Damaged / Decommissioned

0 10 20 30 40 50 m

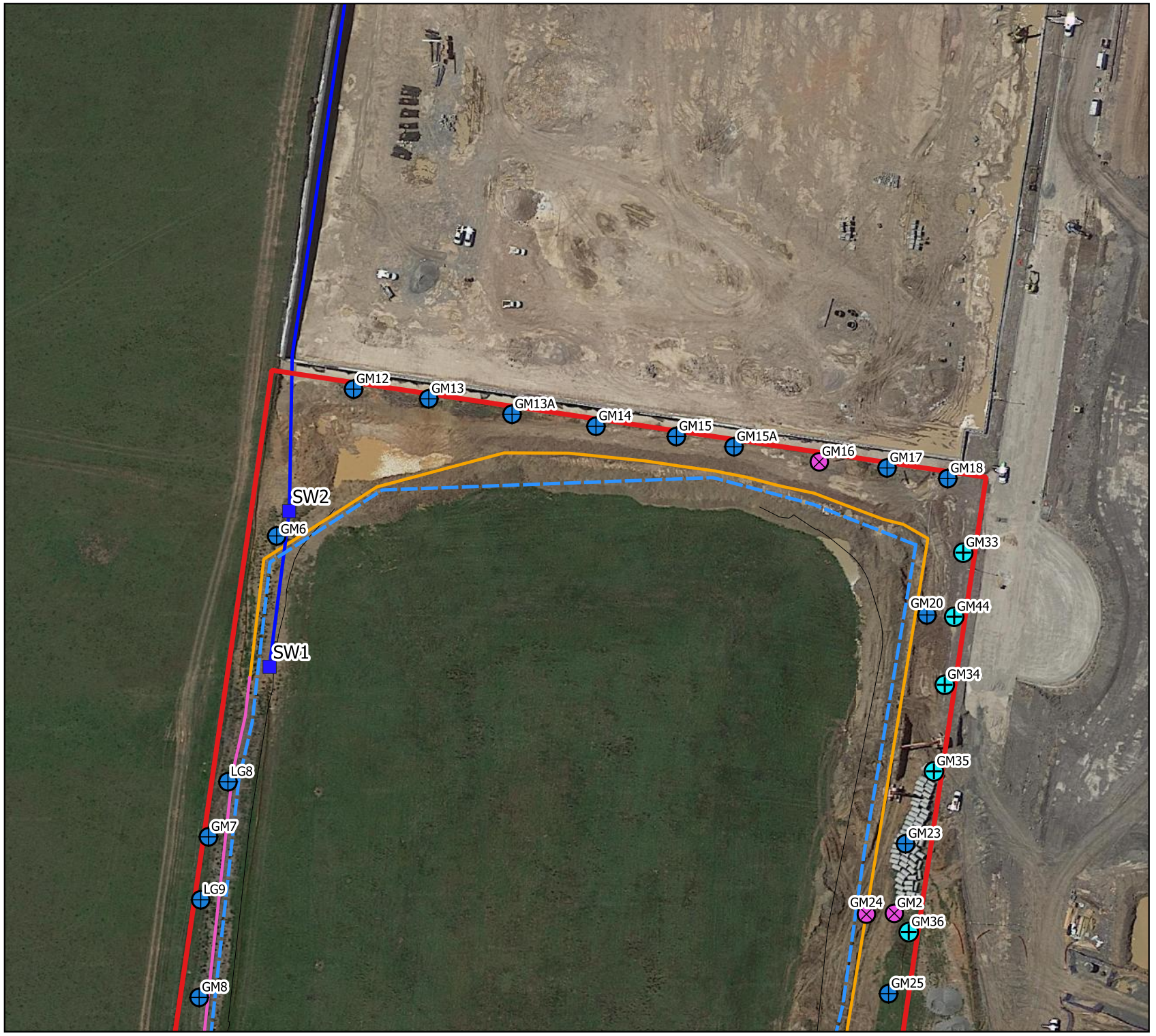
N

Job No. 0103	Revision No: 2
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 2 - LFG Well Locations

biogas systems



LEGEND

- Former Camide Landfill
- Existing Biofiltration Trench
- New Biofiltration Trench
- Extent of Waste
- SW Pits

Monitoring Wells

- LFG
- New LFG Location
- Damaged / Decommissioned

0 10 20 30 40 50 m

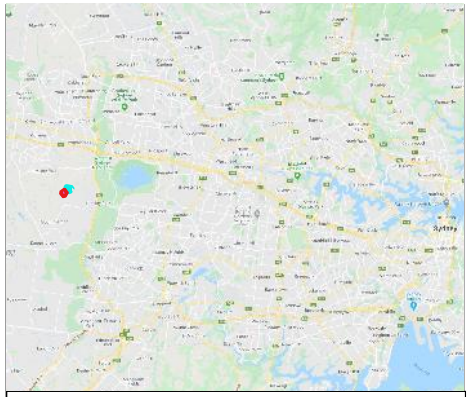
N

Job No. 0103	Revision No: 3
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 3 - Site Stormwater Pit Location

biogas systems



LEGEND

Site Boundary

Former Carmide Landfill

Trench

Existing Trench

New Trench

Monitoring Wells

Background Location

0 50 100 150 200 m

N

Job No. 0103	Revision No: 1
Project: CSR Horsley Park	
Aerial Image Source: Google December 2018	
Drawn by: MB	Checked by: JH

Note: Survey data has been used where available. Existing biofiltration trench and extent of waste have been replicated from Calibre plans.
Existing biofiltration trench constructed in 2005.
New biofiltration trench constructed between 2017 and 2019.

Figure 4 - Background LFG Well Location

biogas systems

Appendix B: CARBON DIOXIDE BACKGROUND CONCENTRATIONS TABLE

Table 1
Background Concentrations for Methane and Carbon Dioxide (Sept 2020)

Location	Stabilised Background Concentrations (1st September 2020)		Well Location inside /outside biofiltration trench	Well Location around the landfill
	CH_4	CO_2		
ID number	% v/v	% v/v		
GM1	0.0	6.4	Outside	EASTERN
GM6	0.0	6.4	Outside	WEST
GM7	0.0	6.4	Outside	
GM8	0.0	6.4	Outside	
GM9	0.0	6.4	Outside	
GM10	0.0	6.4	Outside	
GM12	0.0	6.4	Outside	NORTHERN
GM13	0.0	6.4	Outside	
GM13A	0.0	6.4	Outside	
GM14	0.0	6.4	Outside	
GM15	0.0	6.4	Outside	
GM15A	0.0	6.4	Outside	
GM17	0.0	9.5	Outside	
GM18	0.0	6.4	Outside	
GM20	0.6	10.3	Outside	EASTERN
GM21	1.0	6.4	Inside*	
GM22	40.9	21.1	Inside*	
GM23	0.0	9.8	Outside	
GM25	0.0	14.4	Outside	
GM26	0.0	17.2	Outside	
GM27	0.3	16.2	Outside	
GM28	25.3	19.7	Inside*	SOUTHERN
GM29	0.1	12.9	Inside*	
GM30	0.0	6.4	Outside	
GM31	0.1	12.5	Outside	
GM32	0.0	6.4	Outside	
GM33	0.2	6.4	Outside	EASTERN
GM34	0.1	6.4	Outside	
GM35	0.0	6.4	Outside	
GM36	0.0	6.4	Outside	
GM37	0.0	6.4	Outside	
GM38	0.0	6.4	Outside	SOUTHERN
GM39	0.0	6.4	Outside	
GM40	0.0	6.4	Outside	
GM41	0.0	6.4	Outside	
GM42	0.0	6.4	Outside	
GM43	0.0	4.9	Outside	Background
GM44	0.0	6.4	Outside	EASTERN
LG8	0.0	6.4	Outside	WESTERN
LG9	0.0	6.4	Outside	
LG10	0.0	6.4	Outside	

Note: The results are taken from ERM Raw data provided for review and the previously reported VGT results for wells GM6-GM10

*'These well locations are located on the inside of the BT in close proximity to the waste and are only monitored to assist in future interpretations rather than threshold criteria

Appendix C: TEMPLATE FIELD FORMS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Site:			Occupier:		Licence/notice number:				Date:		Start time:			Finish time:		
2	Monitoring personnel:					Monitoring equipment:				Date of last calibration:			Bump test:				
3	Atmospheric pressure at start (mb):					Rising or falling: Stable/Falling				Weather and ground conditions:							
4					Peak (% v/v)			Stabilised (% v/v)			Stabilised (ppm)		Stabilised (% v/v				
5	ID	Start time	Atmospheric pressure (mb)	Relative pressure (mb)	CH4	CO2	Min O2 (% v/v)	CH4	CO2	O2	CO	H2S	Bal	Aspiration time when stabilised readings were taken, add note if not stabilised	Flow (l/h)	Depth to water (mBGL)	Comments e.g. bore condition (sealed, unsealed, CH4 CO2 CH4 CO2 O2 Balance desiccated bentonite etc)
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	

Instrument				
Serial number				
Next manfacturer's cal due				
Gas mixture	100 ppm isobutylene and 2.5 % v/v methane balance nitrogen			

Date	**Instrument zeroed** Y/N	**Result** Within limits (+/- 5%)	**Pump, filters and battery check**	**Signature**

Date	Instrument zeroed Y/N	Result Within limits (+/- 5%)	Pump, filters and battery check	Signature

Appendix D: MONITORING PROCEDURES

LANDFILL GAS WELL MONITORING PROCEDURE

The following provides a detailed repeatable procedure for recording gases from monitoring wells in Australia and has been adapted as follows:

1. Prior to arrival at the site, monitoring personnel should complete a brief desktop review of the locations to be monitored to develop an understanding of the number and types of locations to be monitored and the likely time required to complete the monitoring.

2. Before starting monitoring, turn the instruments on in a location unlikely to be affected by LFG (or other air contaminants). Confirm that the instruments give readings that are considered likely for these conditions (generally <0.1% methane, <0.1% carbon dioxide, 21.0% oxygen, 79% balance (nitrogen) for an extractive landfill gas analyser and 0.0 ppm for a low-concentration methane detector). Bump test the instrument and recalibrate if outside tolerances of +/- 5%.

3. Record background information, including site identification, start time of the monitoring round, date, prevailing weather and recent weather conditions, current ground conditions, instruments used (and serial numbers), person completing monitoring and so on. During the monitoring any observations of significance (like changes in weather) will also be noted.

4. Visually inspect the monitoring well and, without breaking the gastight seal, note any issues or deficiencies that may prevent representative data being obtained (such as landfill gas odours, unsealed bores, screened sections of pipework above ground level, failed bentonite seal or an open gas tap). Note whether the bore is locked and secure.

5. Connect the sample tubing to the monitoring well and record the differential pressure, including whether the pressure is positive (+) or negative (–). This must be done in a manner that prevents the pressure in the well, being altered prior to measurement. If the well is fitted with a gas sampling tap, connect the sample tubing to the instrument and the gas sampling tap prior to opening the tap. If the well is fitted with a quick-connect coupling, connect the sample tubing to the instrument before being fitted to the bore quick-connect fitting. Record the differential pressure then the well flow in litres per hour. Flow and pressure must be recorded before starting the instrument pump or measuring gas concentrations as the pump may remove any accumulated gas in the well headspace leading to a false negative.

6. Record the atmospheric pressure. Turn on the pump and record the peak and stabilised concentrations of methane and carbon dioxide and other gases as required that may be required.

7. If the monitored gas concentrations have not reached a stabilised concentration (stable gas concentration (±0.3 %v/v) after monitoring for a short period (3 minutes) after three minutes of continuous sampling record the final gas concentrations, along with the direction and rate of change in concentration (rapidly or slowly increasing or decreasing) and note them as non-stabilised final readings.

8. If very high LFG concentrations are recorded on the instrument (>30 %v/v methane and/or 30 %v/v carbon dioxide), then monitoring of the well should be extended beyond three minutes to try to further determine the persistence of the gas detected within the well.

9. Once the peak and stabilised concentrations have been recorded, fully close the gas sampling tap (if applicable) and disconnect the sample tubing from the gas tap.

10. All recording of variables will be carried out using the GA5000's in-built logging software combined with proprietary software. This reduces risk of transcription error and as logging software eliminates the need for pencil and paper it means that delays caused by inclement weather are reduced.

GAS IN ENCOLOSED STRUCTURES AND SERVICE PIT PROCEDURE

The Victorian EPA developed the '*Landfill Gas Fugitive Emissions Monitoring Guidelines*', Publication 1684 (February 2018) provides the most comprehensive protocol for recording gases from utility and service pits in Australia and has been adapted as follows:

1. Prior to arrival at the site, monitoring personnel should complete a brief desktop review of the locations to be monitored to develop an understanding of the number and types of locations to be monitored and the likely time required to complete the monitoring. The instrument should also be checked for calibration information and bump checked with a certified gas mixture.
2. Before starting monitoring, turn the instrument on in a location unlikely to be affected by landfill gas (or other air contaminants where possible). Confirm the instrument is giving readings considered likely for the conditions. Note that the global background methane concentration is ~ 1.8 ppm (Myhre et al, 2013). If using an FID or Eagle, it can be influenced by emissions from vehicles and industry/commerce. If a busy road or active industrial or commercial emissions are observed nearby, note their effect on the readings of the RKI Eagle before commencing monitoring of the subsurface services.
3. Note background information, including site identification, start time of the monitoring round, date, atmospheric pressure, prevailing weather and recent weather conditions, current ground conditions, instruments used (calibration and serial numbers), person completing monitoring and so on. During monitoring any observations of significance (like changes in weather) should be noted.
4. Record the type and location of the first monitoring location. It is often useful to record the address (street number and name) of the monitoring location and/or GPS coordinates.
5. Visually inspect the location and note any issues or deficiencies with the location that may prevent representative landfill gas monitoring data being obtained (this might include landfill gas odours, unsealed service or inaccessible service).
6. Record factors that may influence the method of monitoring, and that may be useful to record, include:
    - dimensions of the subsurface service
    - sealing of the subsurface service
    - accessibility of the subsurface service
    - any known landfill gas dissipation measures
    - weight of access panels or covers into subsurface services
    - locking mechanisms on access panels or covers (if applicable).
7. Turn on the instrument and insert the probe into the metal grate. Attempt to monitor across the lateral and vertical profile of the service to account for the density of methane which may be venting from different areas inside the service pit.

8. Record the highest concentration of methane and approximately stable concentration should this occur. Due to the resolution of the instrument used and the mixing of gases in the sub-surface services with air, the ppm readings rarely stabilise to a set number but will tend to stay within a range, this range should be recorded. Particular attention will be focused on the pipe inlet (preferential lateral migration) and the valve pit walls/box itself (to assess LFG moving directly from the nearby soil/fill in contact or close to the box).

BUMP TEST PROCEDURE

To check the accuracy of the in-house or rented gas analysers, the Field Technicians conduct calibration checks according to the following approach:

1. Functional (bump) tests are performed during each data download. The bump tests are conducted prior to and after the full calibration for each instrument. A bump test involves exposing the instrument to a calibration gas mixture of known oxygen and methane concentrations to demonstrate instrument response. The bump test verifies the alarm is triggered when gas of a sufficient concentration is applied and assesses whether the instrument accurately measures concentration when a gas of known concentration is applied. The post calibration bump test verifies the instrument has been calibrated successfully. The bump test procedures include the following steps:
2. Attach the Gas Alert clip to the Technician's top pocket and turn on. If at any stage the alarm sounds, turn off gas and vacate the area until clear.
3. Multi-gas containing a known concentration of oxygen, methane concentration, carbon dioxide, hydrogen sulphide and carbon monoxide is applied to the sampling inlet to check the sensor. The Field Technician attaches the tubing to the sample inlet on the instrument and activates the manually controlled regulator. The concentration of gases is selected to be like the range of gases expected to be recorded on site e.g. if the site instrumenting was for perimeter well compliance then methane calibration Gas range would be about 1.0 to 2.5 % v/v.
4. With the calibration gas applied to the sample inlet, the LEL reading is allowed to stabilise (30 seconds approximately), and recorded on a calibration field sheet, or in the electronic workbook format. A maximum margin of ±5 % in the reading is acceptable.
5. Full calibration of gas instruments is conducted during each visit or when the above field verification test is outside the acceptable range. A full calibration consists of a fresh air calibration and a multi-sensor field calibration using a known gas mixture. The fresh air calibration is conducted in the open air outside of dwellings or enclosed areas. Both types of calibrations are automatically performed by the instruments once selected.
6. In the event the full calibration fails, the malfunctioning instrument is replaced with an instrument that meets all requirements (including calibration) and specifications. The malfunctioning instrument is returned to the Equipment Manager for inspection and assessment, who attempts to determine whether the unit must be returned to the supplier for a factory calibration. Until the factory calibration is performed on the malfunctioning instrument, it is replaced by another, fully calibrated instrument