---Commercial in Confidence---
Nuclear-Powered Submarine Construction Yard – Site Contamination Assessment

URPS

Final Report

67064-160545 (Rev0)

11 November 2024

JBS&G

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

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

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

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Abbreviations

Term	Definition
ASC NEPM	Assessment of Site Contamination – National Environment Protection Measure
ACM	Asbestos Containing Material
ANI	Australian Naval Infrastructure
ANSIS	Australian National Soil Information System
ASA	Australian Submarine Agency
ASS	Acid Sulfate Soils
BOD	Biochemical Oxygen Demand
BTEXN	Benzene, Toluene, Ethylbenzene, Xylenes, Naphthalene
CEMP	Construction Environmental Management Plan
COC	Chain of Custody
COPC	Contaminant of Potential Concern
CSM	Conceptual Site Model
CT	Certificate of Title
DEW	Department of Environment and Water
DEWNR	Department of Environment, Water and Natural Resources
DMP	Dewatering Management Plan
DO	Dissolved Oxygen
EC	Electrical Conductivity
EIS	Environmental Impact Statement
EPA	Environment Protection Authority South Australia
HDPE	High Density Polyethylene
HEPA	National Chemicals Working Group of the Heads of EPAs Australia and New Zealand
HGG	Hazardous Ground Gas
HIL	Health Investigation Level
HSL	Health Screening Level
JBS&G	JBS&G Australia Pty Ltd
Km	Kilometre
LOR	Limit of Reporting
m	Metre
mbgl	Metres Below Ground Level
mg/kg	Milligrams per Kilogram
NAPL	Non-Aqueous Phase Liquid
NATA	National Association of Testing Authorities
NEPC	National Environment Protection Council
OCPs	Organochlorine Pesticides
OPPs	Organophosphorus Pesticides
PAH	Polycyclic Aromatic Hydrocarbons

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Term	Definition
PARCCS	Precision, Accuracy, Representativeness, Comparability and Completeness and Sensitivity
PASS	Potential Acid Sulfate Soils
PCA	Potentially Contaminating Activity
PFAS	Per- and polyfluoroalkyl substances
PFAS NEMP	PFAS National Environmental Management Plan
PID	Photoionisation Detector
PSI	Preliminary Site Investigation
QA/QC	Quality Assurance/Quality Control
RPD	Relative Percent Difference
RWL	Reduced Water Level
SAPPA	South Australian Property and Planning Atlas
SARIG	South Australia Resources Information Gateway
SCY	Submarine Construction Yard
SPC	State Planning Commission
SWL	Standing Water Level
TDS	Total Dissolved Solids
TRH	Total Recoverable Hydrocarbons
TSS	Total Suspended Solids
USCS	Unified Soil Classification System
VOCs	Volatile Organic Compounds

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Executive Summary

JBS&G Australia Pty Ltd (JBS&G) was engaged by URPS, acting on behalf of Australian Naval Infrastructure (ANI), to undertake a limited preliminary site investigation (PSI), soil investigation and groundwater investigation to inform preparation of an Environmental Impact Statement (EIS) for the nuclear-powered Submarine Construction Yard (SCY) at Osborne, South Australia (the subject site).

The works documented herein were completed to assess the potential impacts of any identified contamination on the proposed development, such as management measures, and inform the commercial needs of the project.

The objectives of the project were as follows:

- To assess the contamination status of the site (soil and groundwater) in relation to proposed future use for submarine building purposes (commercial / industrial landuse);
- Assess whether any management measurements are required to facilitate the proposed development, and where required, provide relevant management options; and
- Inform the commercial needs of the project, including:
  - Providing indicative waste classification for materials which may be surplus to requirements; and
  - Providing groundwater quality data for the Q1 aquifer in the area of the subject site where dewatering is likely to be required (and waste water is likely to require treatment / disposal).

The works undertaken to address the above objectives included the following:

- Limited PSI of the site, including review of historical ownership records (CTs and Sands and McDougall record), review of historical aerial photographs, review of EPA records of site contamination, review of current and historic surrounding landuses, and identification of potentially contaminating activities (PCAs) and chemicals of potential concern (COPCs);
- Review of available historic soil data for Area 1;
- Soil investigation of the site, including collection and analysis of samples from 223 soil boreholes for COPCs identified in the limited PSI; and
- Groundwater investigation (Area 1-C), including installation of eight groundwater wells and sampling of 15 wells (eight newly installed and seven existing) to provide a broad assessment of the quality and contamination status of groundwater.

Based on the investigation detailed herein, and subject to the limitations in **Section 10**, the following was concluded:

Soil

- All soil results were below the adopted Tier 1 human health screening levels for commercial / industrial landuse with the exception of lead at a depth of 2.3 mbgl at one location in Area 2 which exceeded both human health and ecological criteria (shown graphically in **Figure ES1**). Further investigation of lead in vicinity of SB127 is outlined in a Sampling, Analysis and Quality Plan (SAQP)[1] (to be implemented prior to the commencement of site works);
- With the exception of copper at one location (Area 1), TRH at one location (Area 1), and the elevated lead concentration discussed above in Area 2, all soil results were below the adopted Tier 1 ecological screening levels for commercial / industrial landuse. These locations are shown graphically in **Figure ES1**. The marginally elevated copper result was not considered to be significant in the context of the proposed landuse, while the elevated TRH was considered to be biogenic;

[1] *Sampling, Analysis and Quality Plan for Additional Targeted Site Contamination Assessment of the Nuclear Powered Submarine Construction Yard*, JBS&G Australia Pty Ltd, 11 November 2024 (JBS&G, 2024a).

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- The following indicative offsite disposal / reuse chemical classifications apply (shown graphically in **Figure ES2**):
  - The majority of soil borehole locations (208 of a total of 223 locations) reported results below Waste Fill criteria for offsite disposal / reuse, with surplus soils from these locations having an indicative chemical classification of Waste Fill;
  - 13 soil borehole locations (of a total of 223 locations) reported results above Waste Fill criteria but below Intermediate and Low Level criteria. Soils in vicinity of these locations have an indicative chemical classification of Intermediate, however, may potentially be classified as Waste Fill depending on the extent of surplus soils and the number of samples analysed; and
  - Two soil borehole locations (of a total of 223 locations) reported results above Intermediate criteria but below Low Level criteria. Surplus soils from this portion have an indicative chemical classification of Low Level. It is highlighted that the elevated TRH reported at one location was considered to be biogenic.
- Laboratory analytical testing did not identify the presence of actual acid sulfate soil (AASS) or potential acid sulfate soil (PASS) materials at the site, noting testing was restricted to the upper 3 m of site soils. Further assessment ASS at depths beyond 3 mbgl is outlined in a SAQP (JBS&G, 2024a; to be implemented prior to the commencement of site works).

The offsite disposal / reuse classifications are indicative, and any surplus soils classified for offsite disposal / reuse must meet sampling density requirements which are based on volumes for offsite disposal / reuse. It is recommended any additional sampling be undertaken once development plans have been progressed and potential offsite disposal / reuse volumes are better understood. It should be noted that the required additional testing may alter the classification of these materials.

While the concentrations reported were generally below the Tier 1 screening levels for commercial / industrial landuse, construction workers are at increased exposure to these soils during construction works compared to a commercial / industrial worker. To address this, and also manage unexpected finds, a Construction Environmental Management Plan (CEMP) is required.

Groundwater

- Site contamination of groundwater exists across the site, with a number of chemicals reported at concentrations above the adopted Tier 1 groundwater screening levels for relevant environmental values of groundwater. A S83A notification of groundwater has been prepared for EPA on the basis of these results;
- With the potential exception of per- and polyfluoroalkyl substances (PFAS), the site contamination is unlikely to be site derived on the basis of the site history and reported soil concentrations. PFAS was reported at higher concentrations and in more wells across Area 1 than Area 2 and 3, and hence this distribution could be associated with the wetlands / detention basins, depending on their construction (i.e. if not suitably lined);
- Methane was reported at elevated concentrations in the majority of wells (mainly Area 1 and 2). Whilst there are no screening levels provided by the adopted sources for assessment of methane and it is unlikely to present a risk via the direct contact pathway, methane is a volatile chemical and has the potential to impact the project (both construction and operation) via the vapour pathway. Further assessment of Hazardous Ground Gas (HGG) across the site has been outlined in a SAQP[2] (to be implemented prior to commencement of site works); and
- It is likely that any waste water produced during potential future dewatering will require treatment prior to disposal to marine or freshwater, due to elevated concentrations of a number of chemicals which exceed the criteria provided in *EPA 1093/21, Water Quality Guideline – Environmental*

[2] *Sampling, Analysis and Quality Plan for Hazardous Ground Gas Assessment of the Nuclear Powered Submarine Construction Yard*, JBS&G Australia Pty Ltd, 11 November 2024 (JBS&G, 2024b).

management of dewatering during construction activities[3]. Assessment of the Q2 aquifer has not been undertaken to date, however, will be undertaken prior to commencement of site works (scope outlined in JBS&G, 2024a). Dewatering requirements will be detailed in a DMP which will be prepared for the dewatering activities in accordance with EPA 1093/21 (EPA, 2021) by a suitably qualified professional.

Data Gaps

Data gaps identified during the investigation are outlined below in **Table ES.1**.

Table ES.1: Summary of Identified Data Gaps

Data Gap	Detail
Extent of lead on Portion S	Elevated lead exceeding both human health and ecological criteria for commercial / industrial landuse was reported at one location on Area 2 (CT S; SB127). The extent of elevated lead should be assessed to determine whether these elevated concentrations are wide-spread and/or are suitable to remain onsite under the proposed development – this data gap is to be assessed in accordance with JBS&G (2024a; to be implemented prior to commencement of site works).
Soil investigation of the Former Ferrocut site	Access to the Former Ferrocut site was not possible during the site works program undertaken in May / June 2024, and hence the four soil boreholes proposed for this portion of the site were unable to be drilled and sampled. This data gap is to be assessed in accordance with JBS&G (2024a; to be implemented prior to commencement of site works).
Assessment of methane in the vapour phase	Methane was reported at elevated concentrations in the majority of groundwater wells across the site. Methane is a volatile chemical and has the potential to impact the project (both construction and operation) via the vapour pathway. This data gap is to be assessed in accordance with JBS&G (2024b; to be implemented prior to commencement of site works).
Assessment of PASS and ASS in deeper soils (i.e. at depths greater than 3 mbgl) in areas where dewatering is likely to be required	The assessment depth of PASS / ASS to date of depths up to 3 mbgl is considered suitable for the majority of the subject site, with the exception of Area 3 where significant dewatering is likely to be required. Further assessment of PASS / ASS to the proposed depth of excavation in Area 3 should be undertaken – this data gap is to be assessed in accordance with JBS&G (2024a; to be implemented prior to commencement of site works).
No assessment of the deeper aquifers	Assessment of the Q1 aquifer is appropriate for the assessment of the site contamination status of the site. Significant excavation (up to 20 mbgl) is proposed for Area 3 and the second Quaternary aquifer (Q2) is likely to be encountered during construction works. Furthermore, dewatering from both the Q1 and Q2 aquifers is likely to be required. To this end, an assessment of the Q2 aquifer should be undertaken to inform disposal options for dewatering waste water – this data gap is to be assessed in accordance with JBS&G (2024a; to be implemented prior to commencement of site works).

[3] *EPA 1093/21, Water Quality Guideline – Environmental management of dewatering during construction activities,* Environment Protection Authority South Australia, June 2021 (EPA, 2021).

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Note: At time of writing and parallel to this assessment, it is understood the Siting and Site Evaluation Report (SSER) was being prepared for the SCY site. The SSER documents and characterises the natural and human induced hazards that could affect the safety of the nuclear licenced activities where they occur at the site. The results of any assessment works undertaken as part of the SSER have not been shared with JBS&G, and there is potential these results could affect the understanding of the site contamination status of the site documented herein.

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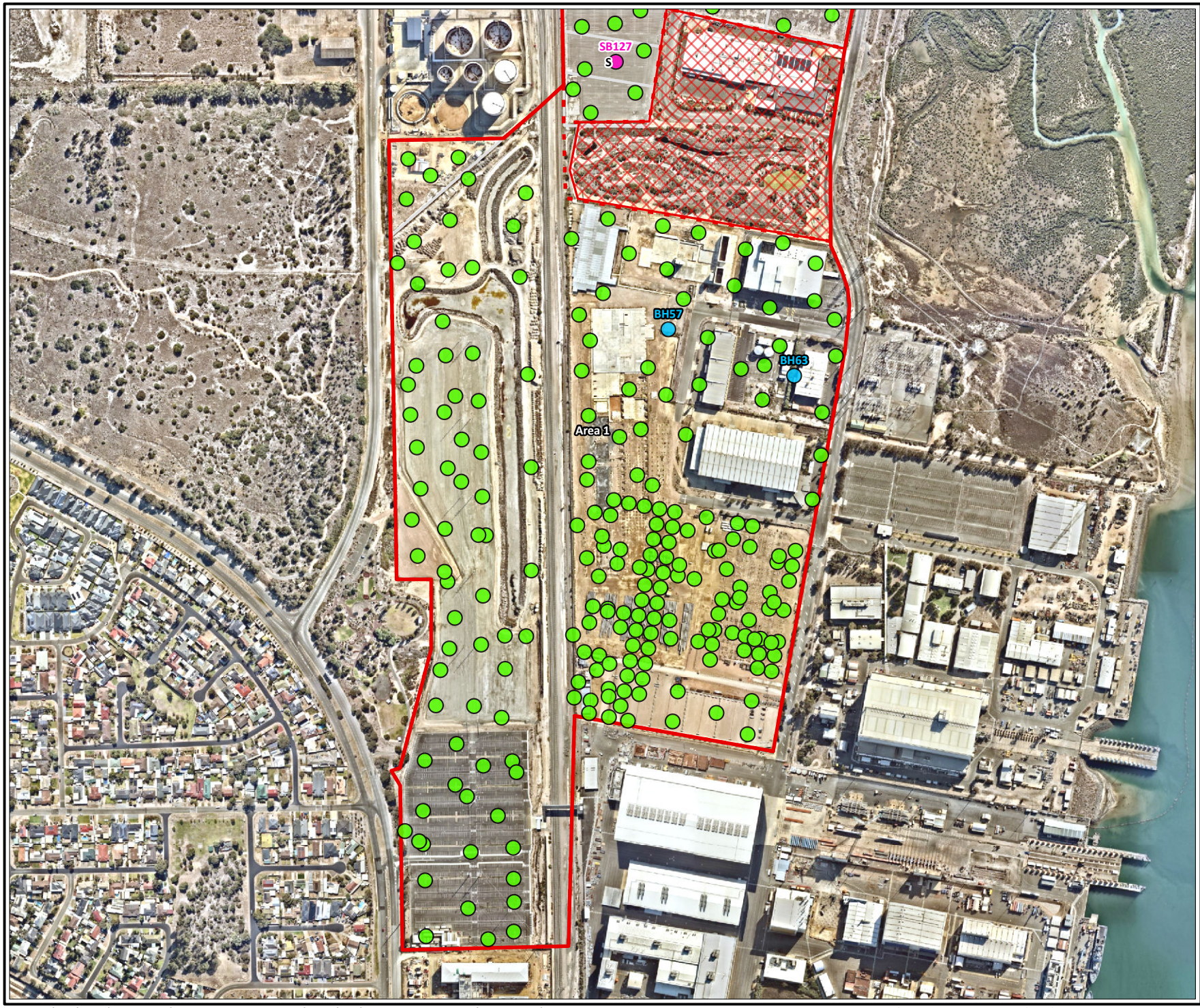

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Soil Results

- Below Tier 1 criteria for commercial/ industrial landuse (human health and ecological)
- Above Tier 1 ecological criteria for commercial/industrial landuse but below Tier 1 human health criteria for commericial/industrial landuse
- Above Tier 1 both human health and ecological criteria for commercial/ industrial landuse

JBS&G

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Client: URPS

Version: FINAL | Date: 05-Nov-2024

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Scale 1:7,000

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metres

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Osborne, South Australia

SOIL RESULTS VS TIER 1 SCREENING LEVELS FOR COMMERCIAL / INDUSTRIAL LAND USE (AREA 1)

FIGURE ES.1A

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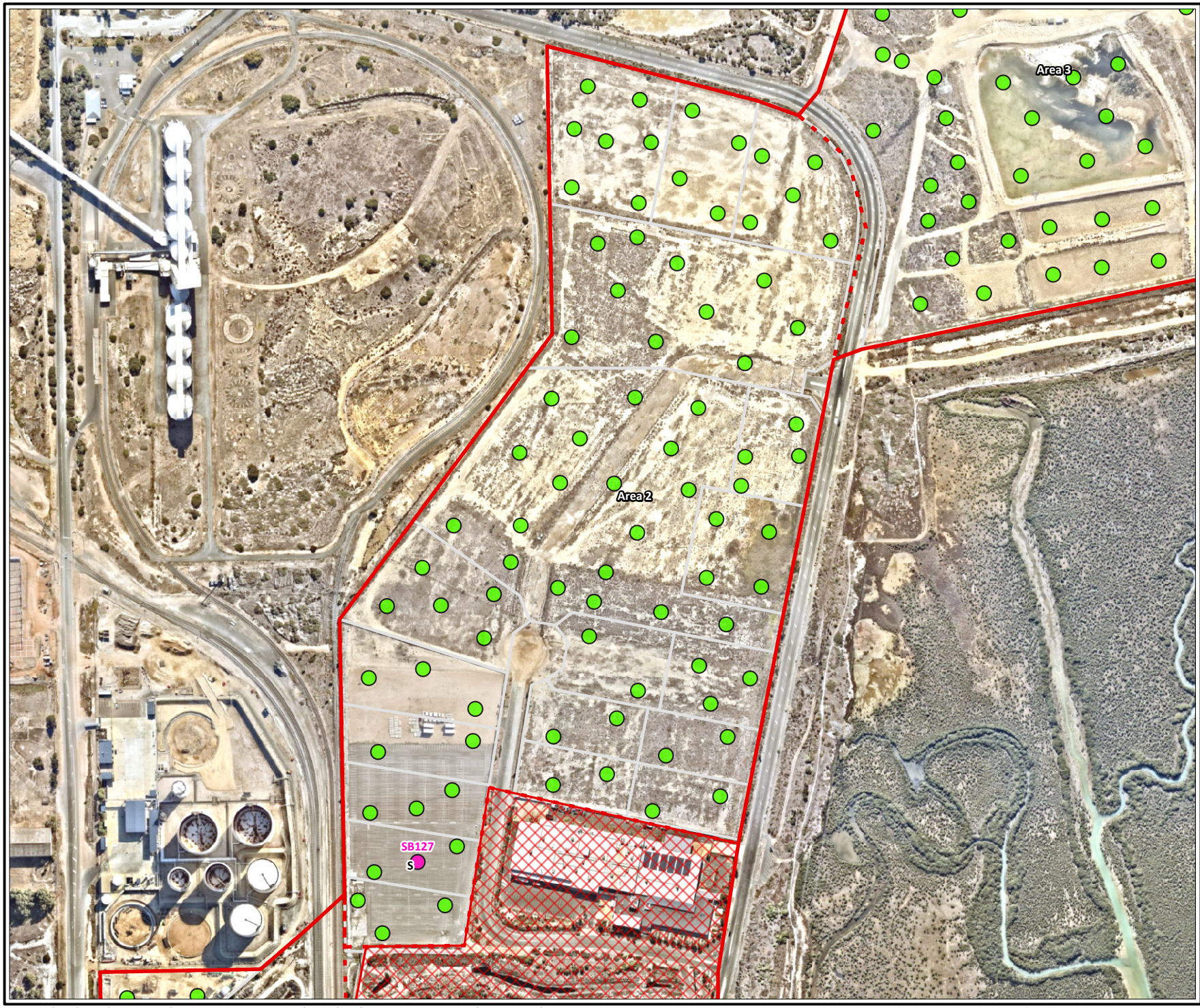
Reference: www.nearmap.com - Imagery Date: 4/05/2024



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Soil Results

- Below Tier 1 criteria for commercial/ industrial landuse (human health and ecological)
- Above Tier 1 both human health and ecological criteria for commercial/ industrial landuse

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SOIL RESULTS VS TIER 1 SCREENING LEVELS FOR COMMERCIAL / INDUSTRIAL LAND USE (AREA 2)

FIGURE ES.1B

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Reference: www.nearmap.com - Imagery Date: 4/05/2024

Legend

- Site Boundary
- Cadastre

Soil Results

- Below Tier 1 criteria for commercial/ industrial landuse (human health and ecological)

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metres

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SOIL RESULTS VS TIER 1 SCREENING LEVELS FOR COMMERCIAL / INDUSTRIAL LAND USE (AREA 3)

FIGURE ES.1C

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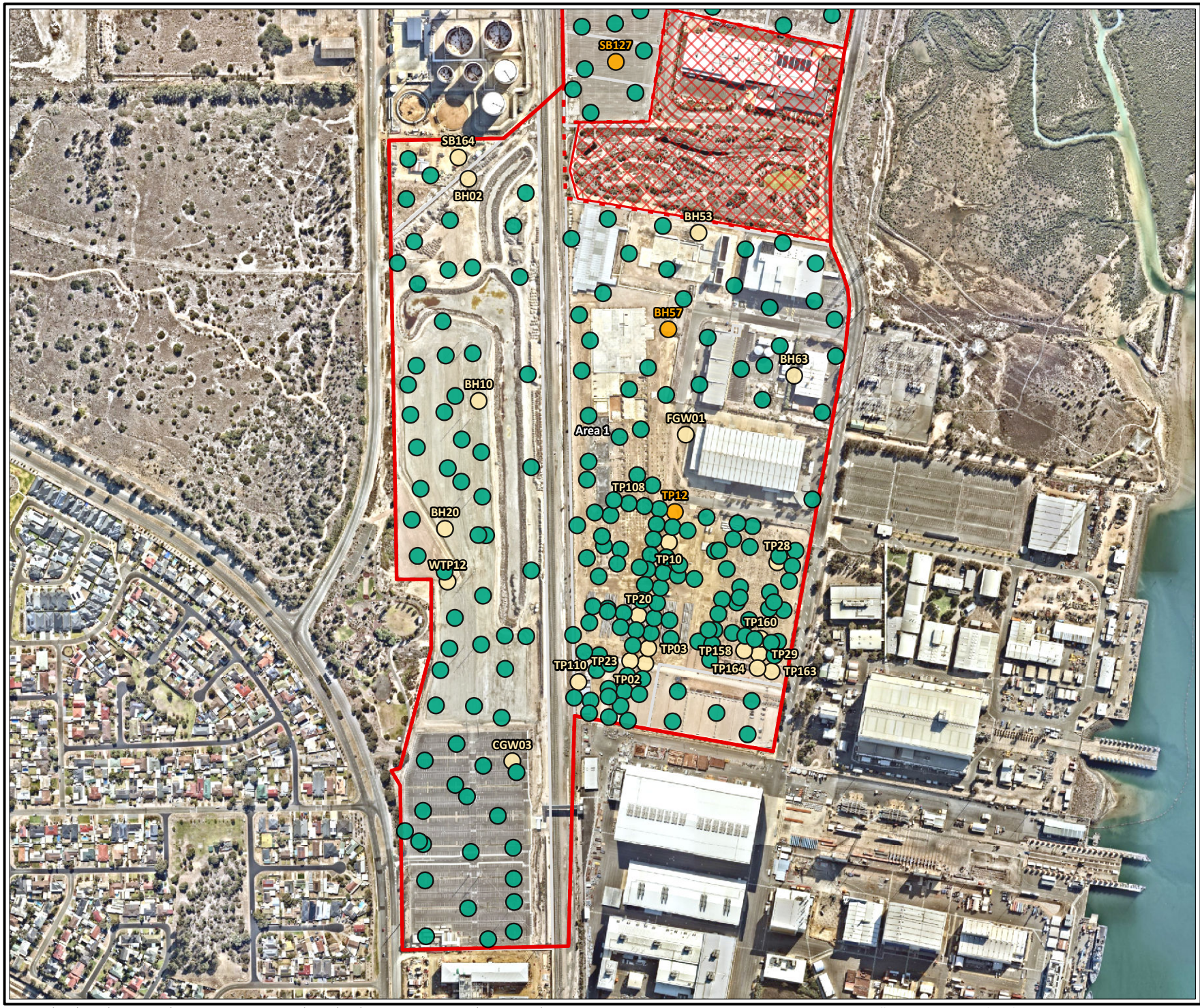

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Soil Results

- Above Waste Fill critera but below Intermediate criteria
- Above Waste Fill/Intermediate criteria but below Low Level criteria
- Below Waste Fill critera

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SOIL RESULTS VS OFFSITE DISPOSAL / REUSE CRITERIA (AREA 1)

FIGURE ES.2A

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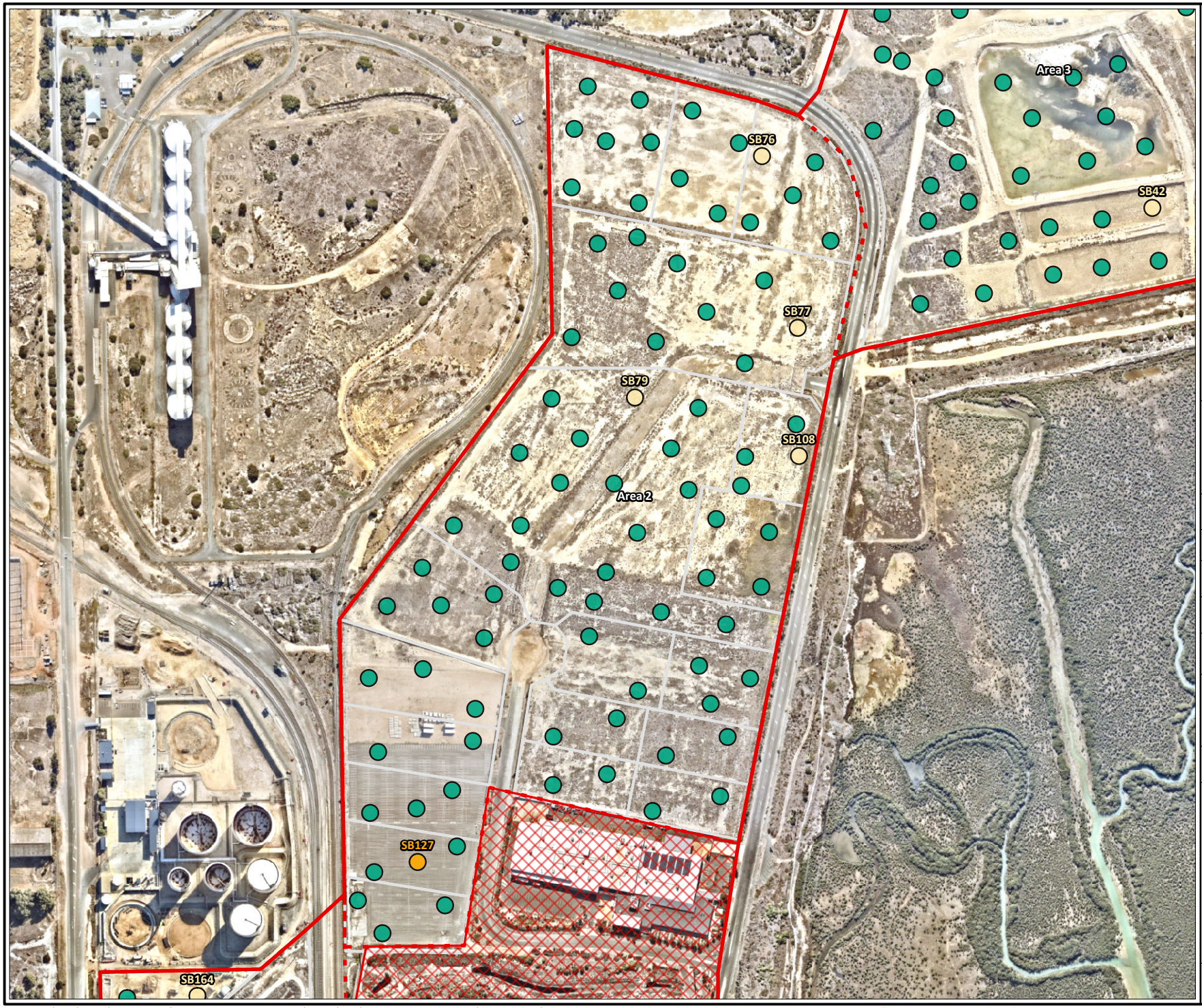

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Soil Results

- Above Waste Fill critera but below Intermediate criteria
- Above Waste Fill/Intermediate criteria but below Low Level criteria
- Below Waste Fill critera

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SOIL RESULTS VS OFFSITE DISPOSAL / REUSE CRITERIA (AREA 2)

FIGURE ES.2B

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Reference: www.nearmap.com - Imagery Date: 4/05/2024

Legend

- Site Boundary
- Cadastre

Soil Results

- Above Waste Fill critera but below Intermediate criteria
- Below Waste Fill critera

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Job No: 67064	
Client: URPS	
Version: FINAL	Date: 07-Nov-2024
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SOIL RESULTS VS OFFSITE DISPOSAL / REUSE CRITERIA (AREA 3)

FIGURE ES.2C

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Reference: www.nearmap.com - Imagery Date: 4/05/2024

1. Introduction

1.1 Background

JBS&G Australia Pty Ltd (JBS&G) was engaged by URPS, acting on behalf of Australian Naval Infrastructure (ANI), to undertake a limited preliminary site investigation (PSI), soil investigation and groundwater investigation to inform preparation of an Environmental Impact Statement (EIS) for the nuclear-powered Submarine Construction Yard (SCY) at Osborne, South Australia (the subject site).

The Australian Submarine Agency (ASA) was established in July 2023 to safely and securely acquire, construct, deliver, technically govern, sustain and dispose of Australia's conventionally-armed nuclear-powered submarine capability for Australia.

Australian Naval Infrastructure (ANI) as the owner and manager of the existing Osborne Naval Shipyard is proposing the development of adjacent land to construct a new, purpose-built, secure, nuclear-powered SCY. The SCY will provide a facility for the construction of the submarines by a third-party ship builder, for delivery to ASA.

The Minister for Planning declared the SCY as an impact assessed development under section 108 (1)(c) of the *Planning, Development and Infrastructure Act 2016*, which requires the preparation of an EIS.

The subject site is shown in **Figure 1**, and has a total area of approximately 91 ha. The subject site is divided into subsections, referred to herein as Area 1, Area 2 and Area 3 – these areas are also shown in **Figure 1**.

The works documented herein were completed to assess the potential impacts of any identified contamination on the proposed development, such as management measures, and inform the commercial needs of the project.

It is noted the works documented herein were undertaken in two stages but have been consolidated into a single report. The following staging was undertaken:

- Mid-2023: limited PSI and soil investigation for Area 2 and 3; and
- Mid-2024: limited PSI and soil investigation for Area 1, and groundwater investigation of Area 1 to C.

Note: At time of writing and parallel to this assessment, it is understood the Siting and Site Evaluation Report (SSER) was being prepared for the SCY site. The SSER documents and characterises the natural and human induced hazards that could affect the safety of the nuclear licenced activities where they occur at the site. The results of any assessment works undertaken as part of the SSER have not been shared with JBS&G, and there is potential these results could affect the understanding of the site contamination status of the site documented herein.

1.2 Objectives

The objectives of the project were as follows:

- To assess the contamination status of the site (soil and groundwater) in relation to proposed future use for submarine building purposes (commercial / industrial landuse);
- Assess whether any management measurements are required to facilitate the proposed development, and where required, provide relevant management options; and
- Inform the commercial needs of the project, including:
  - Providing indicative classification of materials which may be surplus to requirements; and
  - Providing groundwater quality data for the Q1 aquifer in the area of the subject site where dewatering is likely to be required (and waste water generated is likely to require disposal).

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2. Site Identification Details

Site identification details are presented in **Table 2.1** below. The site is shown in **Figure 1**, and the CT boundaries shown in **Figure 2**.

Table 2.1: Site Details

Category	Details
CT Reference and Property Description	
Area 1	
CT DD Volume 6282 Folio 175 (approx. 21 ha)	Allotment 110 Deposited Plan 118046 in the area named Outer Harbor, hundred of Port Adelaide
CT EE Volume 6282 Folio 182 (approx. 22 ha)	Allotment 3000 Deposited Plan 124718 in the area named Osborne, hundred of Port Adelaide
CT GG Volume 6231 Folio 5 (approx. 1.6 ha)	Allotment 508 Deposited Plan 121984 in the area named Osborne, hundred of Port Adelaide
Area 2	
CT B Volume 6088 Folio 190 (1.67 ha)	Allotment 131 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT C Volume 6088 Folio 189 (1.112 ha)	Allotment 130 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT D Volume 6088 Folio 188 (1.342 ha)	Allotment 129 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT E Volume 6191 Folio 176 (approx. 2.932 ha)	Allotment 1281 Deposited Plan 113895 in the area named Osborne, hundred of Port Adelaide
CT F Volume 6191 Folio 182 (approx.. 6.035 ha)	Allotment 1282 Deposited Plan 115170 in the area named Osborne, hundred of Port Adelaide
CT G Volume 6088 Folio 175 (7,763 m^2)	Allotment 106 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT H Volume 6088 Folio 174 (1.073 ha)	Allotment 105 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT I Volume 6191 Folio 181 (approx. 1.428 ha)	Allotment 1221 Deposited Plan 115170 in the area named Osborne, hundred of Port Adelaide
CT J Volume 6191 Folio 179 (approx. 8,060 m^2)	Allotment 1101 Deposited Plan 115170 in the area named Osborne, hundred of Port Adelaide
CT K Volume 6191 Folio 178 (approx. 7,675 m^2)	Allotment 1031 Deposited Plan 115170 in the area named Osborne, hundred of Port Adelaide
CT L Volume 6088 Folio 186 (1.082 ha)	Allotment 121 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT M Volume 6191 Folio 180 (approx. 6,310 m^2)	Allotment 1111 Deposited Plan 115170 in the area named Osborne, hundred of Port Adelaide
CT N Volume 6088 Folio 171 (5,994 m^2)	Allotment 102 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide

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Category	Details
CT O Volume 6088 Folio 185 (7,676 m^2)	Allotment 120 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT P Volume 6088 Folio 177 (6,075 m^2)	Allotment 112 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT Q Volume 6088 Folio 170 (5,994 m^2)	Allotment 101 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT R Volume 6088 Folio 184 (7,676 m^2)	Allotment 119 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT S Volume 6088 Folio 183 (7,138 m^2)	Allotment 118 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT T Volume 6236 Folio 388 (approx. 7,630 m^2)	Allotment 117 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
CT W Volume 6060 Folio 497 (1.013 ha)	Allotment 103 Deposited Plan 82690 in the area named Outer Harbor, hundred of Port Adelaide
Area 3	
CT A Volume 6088 Folio 191 (20.58 ha)	Allotment 502 Deposited Plan 87145 in the area named Osborne, hundred of Port Adelaide
Other Site Details	
Total Site Area	• Approximately 45 ha (Area 1) • Approximately 25 ha (Area 2) • Approximately 21 ha (Area 3)
Registered Proprietor	Area 1 • Australian Naval Infrastructure (CT DD, EE, FF and GG) Area 2 • Australian Naval Infrastructure (CT B to T and W) Area 3 • Urban Renewal Authority (CT A)
Municipality	City of Port Adelaide Enfield
Current Land Use	Area 1 • CT DD: mainly vacant with large stormwater swale, bitumen sealed carpark in the southern 30 % of the CT • CT EE: commercial / industrial (some areas currently under construction) • CT GG: vacant Area 2 • CT B to K, M, N, P, Q and W: vacant and unused • CT L, O, R, S and T: single level carpark Area 3 • CT A: vacant and unused (dredge ponds present)
Proposed Land Use	Nuclear-powered Submarine Construction Yard

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3. Scope of Work

The following scope was undertaken in order to meet the objectives:

- Limited PSI of the subject site, including the following:
  - Review of historical ownership for all 24 CTs;
  - Review of historical aerial photographs from 1949 to present;
  - Review of Sands and McDougall Records;
  - Review of EPA records of site contamination within 1 km of the site;
  - Review of current and historic surrounding landuses; and
  - Identification of potentially contaminating activities (PCAs) and chemicals of potential concern (COPCs).
- Soil investigation of the subject site, including the following:
  - Advancing of 223 soil boreholes (SB01-SB133, SB163-SB174, BH01-BH36, BH46, BH50-BH67, BH70-BH76, and BH79-BH94) to depths between 0.6 mbgl and 3 mbgl; and
  - Laboratory analysis of selected samples for the COPCs identified in the limited PSI.
- Groundwater investigation of the subject site, including the following:
  - Installation of eight groundwater wells (MW01-MW08) in the shallow aquifer (Q1 aquifer);
  - Sampling of a total of 15 groundwater wells (the eight newly installed wells [MW01-MW08] and seven existing wells [GW01-GW03, FGW01, FGW03, CGW01 and CGW03]); and
  - Laboratory analysis of groundwater samples for the COPCs identified in the limited PSI and COPCs known to be present in the Osborne area / Port River, and also chemicals / parameters required to be considered as part of the assessment of potential disposal options for waste water generated during potential future dewatering.

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4. Limited PSI for the Site

4.1 Overview

It is noted the limited PSI was undertaken in two stages; with the limited PSI for Area 2 and 3 completed in mid-2023, and the limited PSI for Area 1 completed in mid-2024. No update to the limited PSI for Area 2 and 3 was completed (i.e. for the period between mid-2023 and mid-2024).

A summary of the content of this section is presented in **Table 4.1**.

Table 4.1: PSI Sources of Information

Section Headings	Report Section Number
Methodology	**Section 4.2**
Site Inspection	**Section 4.3**
Review of Site Setting	**Section 4.4**
Assessment of Surrounding Land Uses	**Section 4.4.1**
Regional Geology and Hydrogeology	**Section 4.4.2**
Potential for Acid Sulfate Soils	**Section 4.4.3**
Review of Land Ownership History	**Section 4.5**
Review of Sands and McDougall Records	**Section 4.6**
Review of Aerial Photographs	**Section 4.7**
Review of EPA Site Contamination Index	**Section 4.8**
Summary of Historical Information	**Section 4.9**
Identified Potentially Contaminating Activities	**Section 4.10**

4.2 Methodology

The limited PSI was undertaken in general accordance with the procedures presented within the *National Environment Protection (Assessment of Site Contamination) Measure 1999 (ASC NEPM)*[4], with particular reference to Schedule B(2) 'Site Characterisation'.

In addition, the following South Australian guidance was referenced in relation to potentially contaminating activities:

- *Environment Protection Regulations 2009*; and
- *Practice Direction 14 – Site Contamination Assessment 2021, Version 4,* State Planning Commission, 20 October 2023 (SPC 2023).

4.3 Site Inspection

A detailed site inspection was undertaken on 11 and 29 May 2023 for Area 2 and 3 by an experienced Environmental Scientist from JBS&G – the detailed inspection notes are included in **Appendix A**. A limited site inspection was undertaken on 22 and 29 May 2024, noting this was limited to outside of buildings / above ground structures, where present.

The following key observations were noted:

[4] *National Environment Protection (Assessment of Site Contamination) Measure,* National Environment Protection Council, 1999 as amended 2013 (NEPC, 2013).

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- Area 1
  - A large stormwater swale was present across the northern half of CT DD
  - A large number of soil stockpiles were present in the northern 25 % of CT DD, around the stormwater swale
  - The southern third of CT DD was a bituminised carpark, with temporary site buildings present in the south-western corner of this CT
  - The northern half of CT EE was in various stages of construction, with a newly constructed building present in the north-western corner and large concrete slabs present for two additional buildings. The southern half of CT EE was used as a laydown yard
  - CT GG was primarily used as a temporary carparking facility, with a small area (along the northern boundary) used as a laydown yard
- Area 2
  - Area 2 was vacant
  - A piece of potential asbestos containing material (ACM) was found on the southern boundary of CT K
  - An area of temporary site buildings (likely associated with construction work) was present in CT T
  - Transformers were present on the eastern boundary of CT E, K, Q and S, and in the southern portion of CT F
  - A laydown area was present in the southern portion of CT L and northern portion of CT O
  - Wet ground was noted throughout CT G and H, also extending a small distance into CT F
  - Mounding of fill was present in the western portion of CT E, along the southern boundary of CT P and Q, and on CT W
  - Disturbed ground was noted in the approximate centre of the CT J (possible location of former stockpile)
  - Rubbish was present at several locations, as follows:
    - On the eastern boundary of CT E (fence poles, an oil empty bottle, timber, bricks, concrete, possible bitumen rubble, plastic, cans and bottles)
    - At the southern end of CT F (cans, plastic and wooden pallets)
    - Along the southern boundary of CT I (cans, bottles and foam)
    - In the north-eastern corner of CT H (tyres and household items)
- Area 3
  - Area 3 was vacant
  - Dredge ponds were present across the southern half of CT A
  - A soil stockpile was present on CT A
  - A stockpile of metal, gravel and concrete was present on CT A

4.4 Review of Site Setting

4.4.1 Surrounding Land Use

The surrounding land use at the time of inspection (May 2024) is summarised below in **Table 4.2**, and shown in **Figure 3.**

Table 4.2: Assessment of Surrounding Land Use

Location	Detail

North	• Area 1:
	  o CT EE, FF and GG: Falie Reserve, then PMB Defence Pty (commercial / industrial landuse), then Area 2 of the subject site.
	  o CT DD and W: Ampol Fuel Terminal, then Viterra site, then concrete batching plant, then Pelican Point Power Station, then Port River.
	• Area 2: Pelican Point Power Station, then Port River.
	• Area 3: Port River.

East	• Area 1:
	  o CT EE and FF:
	  – Northern 30 %: Osborne substation (commercial / industrial landuse), then saltmarsh / mangroves, then Port River.
	  – Southern 70 %: ASC North Site, then Port River.
	  o CT GG: ASC North Site, then Port River.
	  o CT DD and W: railway line, then other CTs of Area 1, then as per CT EE and FF above.
	• Area 2: Mutton Cove Conservation Reserve, then Port River.
	• Area 3: Port River.

South	• Area 1: Commercial / industrial landuse, including the ASC South Site (south of CT EE and GG). • Area 2: PMB Defence Pty (commercial / industrial landuse) / Falie Reserve, then Area 1 of the subject site. • Area 3: Mutton Cove Conservation Reserve / Area 2 of the subject site.

West	• Area 1:
	  o Northern 50 %: Pelican Point Road, then recreational land use area (Biodiversity Park).
	  o Southern 50 %: recreational area with ovals and playground (Kardi Yarta Playground), then Victoria Road, then residential.
	• Area 2:
	  o Northern 75 %: Viterra site, then concrete batching plant / site currently under demolition (previously concrete batching plant), then logistics site.
	  o Southern 25 %: Ampol Fuel Terminal, then historic fuel / oil terminal.
	• Area 3: Pelican Point Power Station, then sediment ponds, then Port River.

4.4.2 Regional Geology and Hydrogeology

Details of the regional geology and hydrogeology are presented in **Table 4.3** below.

Table 4.3: Regional Geology and Hydrogeology

Source	Details
Geology	
South Australia Resources Information Gateway (SARIG) https://map.sarig.sa.gov.au/ (accessed online 24 June 2024)	The site is underlain by both the St Kilda Formation and Semaphore Sand. The St Kilda Formation is characterised by light grey shelly stranded beach ridge deposits and shelly silts and sand overlain in places by modern intertidal and swamp deposits. Semaphore Sand is characterized by white quartz sand of the coastal dunes and modern beaches.
Hydrogeology	
Location SA Map Viewer https://location.sa.gov.au/viewer/ (accessed online 24 June 2024)	Location SA Map Viewer indicates groundwater in the upper Quaternary aquifer (Q1 Aquifer) is likely to be encountered between approximately 2 m and 5 m below ground level (mbgl). The salinity of groundwater in this aquifer is likely to be in the order of 3,000 mg/L to 7,000 mg/L total dissolved solids (TDS).

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4.4.3 Potential for Acid Sulfate Soils

A search of the Australian National Soil Information System (ANSIS)[5] undertaken on 17 June 2024 indicated the site lies within an area of 'low probability' of acid sulphate soils in the land-based portion of the subject site, noting there is low confidence in this assessment.

4.5 Land Ownership

A search of the current and historical titles listed for the site was undertaken. A summary and the detailed ownership history is included in **Appendix B**Error! Reference source not found..

The following key ownership details were highlighted:

- The date of the first CTs issued for the site range between 1876 and 1937 for different portions of the site;
- The site has been mainly owned by various government bodies (including marine authorities, transport department, environment and conservation department, treasury, railway commission, housing trust and local council), various energy supply companies (including electricity and gas), oil companies, and developers. Portions of the site has also been owned by private companies (including a transport company, building supply company, an earthmover, and a manufacturer of building products) and various individuals, most of which had no occupation listed. It is unknown whether the site was occupied by any of the private companies or individual owners, however, a review of ownership periods by the private companies / individual owners against the historical aerial photographs indicated the site was undeveloped during these periods, with the possible exception CT EE which may have been owned by an earthmoving company when the bituminised carpark was present; and
- The subject site is currently owned by ANI (Area 1) and Urban Renewal Authority (Area 2 and 3).

4.6 Review of Sands and McDougall Records

The Sands & McDougall South Australia Directory was a directory of occupation of registered addresses in South Australia, which could be searched by suburb and street name. It was produced between 1864 and 1973.

A search of the directory[6] was undertaken for Osborne and Outer Harbor. The search confirmed there were limited streets and roads present in these suburbs prior to 1973, consistent with the aerial photograph review (see **Section 4.7**). It is noted that oil storage at Amoco Aust Pty Ltd was noted on an 'unnamed road' which may be the oil storage site observed historically to the north-west of Area 1 (see **Section 4.8**).

4.7 Aerial Photographs

Table 4.4 below presents a summary of the review of historical aerial photographs relating to the site. Copies of the aerial photographs were obtained from Department of Environment, Water and Natural Resources (DEWNR) Mapland and NearMap are presented in **Figure 4.** With the site boundary shown for reference.

[5] https://portal.ansis.net/ (accessed online 17 June 2024)
[6] https://guides.slsa.sa.gov.au/c.php?g=410329&p=2795763 (accessed online 26 June 2024)

Table 4.4: Summary of Observations from Historical Aerial Photographs

Date	Comments
1949	• The aerial photograph is in black and white. • Area 1 o The site appears to be vacant, unused land with no buildings or permanent roads present. The site consists of coastal land, which appears to be sandy with small shrubs and a small number of small creeks. • Area 2 o The northern half of CT B and the northern third / quarter of CTs C and D are outside of the boundary of this photograph. This is not expected to impact on the historical photograph review as the whole site appears vacant and unused in both this (1949) and the next (1959) aerial photograph. The site and surrounding area appears to be vacant, unused land with no buildings or permanent roads present • Area 3 o The northern half of CT A is outside of the boundary of this photograph. This is not expected to impact on the historical photograph review as the whole site appears vacant and unused in both this (1949) and the next (1959) aerial photograph. The site and surrounding area appears to be vacant, unused land with no buildings or permanent roads present. • The surrounding land is similar to the subject site, however, several small buildings (potentially dwellings) were present to the west of the southern half of Area 1, and a small number of roadways were noted to the west, south and east of the southern half of Area 1.
1959	• The aerial photograph is in black and white. • Area 1 o The site appears similar to the previous aerial photograph, with no obvious differences (i.e. the site remains vacant, unused land with no buildings or permanent roads present). • Area 2 o The site appears similar to the previous aerial photograph, with no obvious differences (i.e. the site remains vacant, unused land with no buildings or permanent roads present). • Area 3 o The site appears similar to the previous aerial photograph, with no obvious differences (i.e. the site remains vacant, unused land with no buildings or permanent roads present). • The surrounding land appears similar to the previous aerial photograph, however, several additional small buildings (potentially dwellings) are present to the west and south of the southern half of Area 1.

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Date	Comments
1969	• The aerial photograph is in black and white. • Area 1 o The site appears similar to the previous aerial photograph, with no obvious differences (i.e. the site remains vacant, unused land with no buildings or permanent roads present). • Area 2 o The site appears similar to the previous aerial photograph, with no obvious differences (i.e. the site remains vacant, unused land with no buildings or permanent roads present). • Area 3 o The eastern third of CT A is outside of the boundary of this photograph. This is not expected to impact on the historical photograph review as CT A appears vacant and unused in this photograph, noting the area outside of the boundary is in closest proximity to the Port River. The site appears similar to the previous aerial photograph, with no obvious differences (i.e. the site remains vacant, unused land with no buildings or permanent roads present). • The surrounding area is similar to the previous aerial photograph with the exception of the following changes: o Fuel / oil infrastructure (large above ground tanks, buildings) is present north-west of the northern extent of Area 1; o Additional small buildings (potentially dwellings) are present to the west of the southern half of the Area 1; o Several additional roadways are now rpesent; o The small building previously noted to the south of Area 1 is no longer present; and o Site preparation works appear to have commenced to the south-east of Area 1.
1979	• The aerial photograph is in colour. • Area 1 o The site appears similar to the previous aerial photograph with the exception of the following: – Fill material (likely dredge material / locally sourced material) is present across areas of the site; and – The railway line is now present running south to north through Area 1; • Area 2 o CTs B to T, and CT W, have also been cleared, however, remain vacant and unused with the exception of stockpiles on CTs B, F, G, H, K, L, N, P, R, S and T. A second roadway is present through CT F. • Area 3 o CT A has been cleared, and what appears to be two large sediment ponds constructed, likely to receive dredge material from the Port River (noting there is evidence of a pipeline connecting these ponds to a possible dredge in the Port River in this photograph). • The surrounding landuse is similar to the previous aerial photograph with the exception of the following: o A railway line is now present, running from the west to the south-east towards CT O, and then south parallel to the boundary with CTs R, S and T; o Several additional roadways are now present; o Some previously noted surface water bodies (creeks) appear to have been filled

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Date	Comments
1979 (cont.)	o Fill material is present across large areas to the west, north and south-east of Area 1. stockpiles are evident on several portions of land to the north of Area 1; o A significant number of residential dwellings (and associated public space areas such as parks / ovals) are now present to the west and south-west of the southern extent of Area 1, along with additional associated roadways; and o Commercial / industrial development has commenced to the south-east of the site, including what is now (in 2024) the Osborne Terminal site adjacent to the Port River where a number of above ground storage tanks are present.
1989	• The aerial photograph is in colour. • Area 1 o The site appears similar to the previous aerial photograph with the exception of the following: – Additional fill material has been placed in areas of the site, with likely dredge material / locally sourced material present in the northern half of CT DD, while CTs BB, CC and the northern end of EE appear to have been prepared for construction; and – A bitumen sealed carpark is present in the southern half of CT EE, facing what is now Mersey Road North. • Area 2 o CTs B to T and CT W remain vacant, however, CTs B to H, and CT J, K and W appear unused and vegetated with grass (with the exception of a small portion across CTs F and G), while CTs L to T appear to be part of an area cleared for a new development; o A surface water body is present across CTs S and T; o Several new roadways are present across CTs E to K; and o No stockpiles remain. • Area 3 o CT A appears unused, with vegetation (grass and some small shrubs) now present across the area where the sediment ponds were present in the previous (1979) aerial photograph. The site surface in the northern area and eastern area of this portion appear to be disturbed. • The surrounding landuse is similar to the previous aerial photograph with the exception of the following: o Majority of the fuel / oil infrastructure present north-west of the northern extent of Area 1 is no longer present (including the above ground storage tanks), with several small buildings fronting Pelican Point Road remaining; o Further residential development has occurred to the west and south-west of the site; and o Further commercial / industrial development has occurred to the east of the site, including what is now the ASC North site and beginnings of the ASC South site.

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Date	Comments
1999	• The aerial photograph is in colour. • Area 1 o The site appears similar to the previous aerial photograph with the exception of the following: – Additional fill material has been placed across the of the site, with the majority of the site appearing to have been prepared for construction; – The carpark on CT EE which was noted in the 1989 aerial photograph appears to have been demolished; and – A large building and secondary building (likely for commercial / industrial purposes) have been constructed on CT GG. • Area 2 o Portions A to T o CTs B to T appear similar to the previous aerial photograph and are vacant and unused, with all CTs now having grass; and o The previously noted roadways, cleared portion across CTs G to H, and surface water body across CTs S and T remain. • Area 3 o CT A appears similar to the previous aerial photograph and is vacant and unused (grass and small shrubs appear to the present). • The surrounding landuse is similar to the previous aerial photograph with the exception of the following: o Relatively minor further commercial / industrial development has occurred to the east of the site; o The site north of the former fuel / oil site has been developed for commercial / industrial purposes, with circa ten buildings, two above ground tanks (use unknown) and a dam now present; o The area north of the site discussed above appears to be used for logistics associated with the railway line (laydown of shipping containers), noting the railway line runs from the west to the south-east adjacent to this area; and o The area north-west of CTs A to D has been developed as a power station.
2005 / 2006	• The aerial photograph is in colour. • Area 1 o The site appears similar to the previous aerial photograph with no obvious differences. • Area 2 o CTs B to T and CT W appear similar to the previous aerial photograph (vacant and unused), however, the surface water body across CTs S and T which was first noted in 1989 is no longer present • Area 3 o CT A appears similar to the previous aerial photograph (vacant and unused). • The surrounding landuse is similar to the previous aerial photograph with the exception of the following: o Relatively minor further commercial / industrial development which has occurred to the east of the site; o Further development of the logistics site north-west of the site has occurred (appears to be used for railway purposes with many shipping containers and a large building present); and o Further development has occurred at the power plant site north-west of CTs A to D.

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Date	Comments
2010	• The aerial photograph is in colour. • Area 1 o The site appears similar to the previous aerial photograph with the exception of commercial / industrial development on CT EE, with construction of several large buildings in the northern half of this CT fronting Mersey Road North. • Area 2 o CTs B to T and CT W appear similar to the previous aerial photograph (vacant and unused), however, the site surface appears to consist of bare earth with evidence of earthworks having occurred; and o There is a dark area on this photograph over CTs F to H which may be a surface water body, however, this is not clear. • Area 3 o CTs A appears similar to the previous aerial photograph (vacant and unused), however, the site surface appears to consist of bare earth with evidence of earthworks having occurred • The surrounding landuse is similar to the previous aerial photograph with the exception of further commercial / industrial development which has occurred to the east of the site (predominantly at what is now the ASC South site).
2023 / 2024	• The aerial photograph is in colour. • Area 1 o Significant changes have occurred to the site since the previous aerial photograph, as follows: o CT BB and CC have been developed into a wetland / recreational landuse area (Falie Reserve); o Further commercial / industrial development has occurred on CT EE, with several large buildings (and associated carparks, above ground tanks, etc) now present in the northern half of the site. The southern half of CT EE appears to be used as a laydown yard for construction materials; o The two commercial / industrial buildings which were noted on CT GG in the 1999 aerial photograph are no longer present, with this CT now vacant; and o A large swale is now present across the northern half of CT DD, with a bituminised carpark now present across the southern third of this CT. Soil stockpiles were noted between the bituminised carpark and the swale. • Area 2 o CTs B to K, and CTs M, N, P, Q and W are similar to the previous aerial photograph, with the exception that a cleared area (possible roadway) is now present from CT E running through CT F to join with an existing roadway (Archie Badenoch Crescent); and o CT O and CTs R to T have been developed for carparking, with the southern half of CT O, and all of CTs R to T now sealed with bitumen. CT L and the northern half of CT O appear to have been cleared as part of this development, with possible transportable offices present. • Area 3 o CT A is similar to the previous aerial photograph, however, sediment ponds are present across the southern area of this CT. • The surrounding landuse is similar to the previous aerial photograph with the exception of the following: o A fuel terminal (the current Ampol site) has been developed to the north of Area 1 (CT DD), with seven large above ground tanks and several buildings present;

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Date	Comments
2023 / 2024 (cont.)	o The site directly south of Area 2 (CTs P and Q) has been developed for commercial / industrial purposes (PMB Defence), with a large building and associated carparking; o The area directly south of the new PMB Defence site (and north of Area 1 [CT EE]) is now a reserve (Falie Reserve); o Further development has occurred on the power station site to the north-east; o The area west of the power station site appears to contain several large sediment ponds; o There has been further development of the logistics site associated with the railway to the north-west; o The site north-west of the Viterra site appears to be a landscape supply yard (or similar); o Further residential development has occurred to the west / south-west; o The adjacent site to the south of Area 1 has been developed for commercial / industrial purposes, with construction of several large buildings and associated smaller buildings, access roads and carparking areas; o Relatively minor further commercial / industrial development which has occurred to the east of the site; and o The commercial / industrial site north of the former fuel / oil site (which previously had circa ten buildings, two above ground tanks [use unknown] and a dam) is now vacant.

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4.8 Review of SA EPA Site Contamination Index

A search of the Public Register Directory: Site Contamination Index[7] which lists sites with S83A notification received by the EPA since 1 July 2009 was undertaken on 27 June 2024. It is noted the Public Register is not an exhaustive record of identified contamination in South Australia as the S83A notification system relies on landowners and assessing consultants to notify the EPA when they identify contamination and has only been in force since 1 July 2009.

There were a large number of S83A notifications for the site and sites adjacent to the subject site – EPA was contacted regarding these notifications and provided the relevant documents. A summary of the S83A notification information is provided in **Table 4.5** below.

[7] https://www.epa.sa.gov.au/public_register/site_contamination_index (accessed online 27 June 2024)

Table 4.5: Summary of S83A Notifications for the Subject Site (Area 1-C) and Adjacent Sites

EPA Identification Number	Site	Distance from Site	Summary of S83A Notification
Notifications Pertaining to the Site (Area 1, B and C)			
62748	Area 1 (CT GG)	Onsite	• Metals (arsenic, total chromium, lead, mercury, nickel and zinc) and TRH were reported at elevated concentrations • Silica gel cleanup was not undertaken to assess whether the TRH was likely to be naturally occurring
61972	Area 1 (west of the railway line, also includes ASC South Site)	Onsite	• Metals (arsenic, mercury and nickel and TRH were reported at elevated concentrations • Groundwater was reported to be of elevated pH (>pH 10) in the northern portion of the site • Silica gel cleanup was not undertaken to assess whether the TRH was likely to be naturally occurring
63295	Area 2	Onsite	• Metals (arsenic, cadmium, lead, mercury, nickel, selenium and zinc), naphthalene, TRH, ammonia, nitrate, nitrite and sulphate were reported at elevated concentrations • Elevated TRH was considered to be biogenic • Soils at the site did not appear to be the source of the elevated concentrations reported in groundwater
62154	Area 3	Onsite	• A soil investigation was undertaken in 2012 prior to the construction of dredge ponds. This investigation included testing for a broad range of chemicals. All results were below both human health criteria for commercial / industrial landuse and ecological investigation levels. • A supplementary soil investigation was undertaken in 2019 following placement of approximately 85,000 m^3 of dredge material sourced from the Port River between 2012 and 2019. This investigation included testing for a broad range of chemicals. All results were below both human health criteria for commercial / industrial landuse and ecological investigation levels with the exception of zinc which marginally exceeded ecological criteria. Comparison of the 2019 data with baseline data and leachate testing indicated that significant leaching from the overlying sediment to the underlying soils was unlikely. • The investigation also included installation and sampling of three groundwater wells. Metals (arsenic, hexavalent chromium, mercury and silver), TRH, acetone and cyanide were reported at elevated concentrations in groundwater • Silica gel cleanup was not undertaken to assess whether the TRH was likely to be naturally occurring
Notifications Pertaining to Adjacent Sites			
60372 / 60484	ASC South	Directly adjacent – to the south of CT DD and east of CT EE	• Metals (arsenic, mercury, molybdenum, nickel and selenium), PFAS, cyanide, ammonia, fluoride, sulphate, chloride and pH were reported at elevated concentrations

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EPA Identification Number	Site	Distance from Site	Summary of S83A Notification
			• Arsenic, molybdenum, sulphate, ammonia, chloride and fluoride were attributed to ambient background concentrations
60373	ASC North	Directly adjacent to the east of CT EE	• Low concentrations of TRH were reported historically, noting the elevated concentration in one well was demonstrated to be a petroleum based product, while the remaining slightly elevated concentrations were considered to be biogenic • Elevated metals (arsenic, copper, nickel and zinc)
62165 / 60484	Osborne Terminal	550 m south-east of the southern extent of the site	• Slightly elevated concentrations of some volatile organic compounds (VOCs) including 1,1,1-trichloroethane, 1,1-dichlorethene and cis-1,2-dichloroethene (maximum concentration of 12 µg/L) • A number of PFAS were reported above the LOR, noting the Osborne Terminal site had a history of potential use of PFAS • Some elevated metals concentrations (arsenic, manganese, mercury, nickel and zinc), PAH and cyanide
62550	Ampol Fuel Terminal	Directly adjacent – to the north of Area 1 and west of Area 2	• TRH, benzene and PFAS were reported at elevated concentrations • Elevated TRH was considered to be biogenic • Elevated PFAS results were potentially from an offsite source
63285	Biodiversity Park	Directly adjacent – to the west of the northern portion of Area 1	• Metals (arsenic, total chromium, copper and nickel), benzene and TRH were reported at elevated concentrations • Silica gel cleanup was not undertaken to assess whether the TRH was likely to be naturally occurring • The metals results in soils were not indicative of a potential source to groundwater
60941	Historic Fuel / Oil Terminal	80 m north-west of Area 1	• LNAPL was present • Dissolved phase TRH and BTEX and PAH were reported at elevated concentrations, as associated with petroleum hydrocarbon impacts
62598	Pelican Point Power Station	Directly adjacent – to the north of Area 2 and west of Area 3	TRH, BTEX, PAH and metals (arsenic, lead, copper, zinc, tin and mercury) were reported at elevated concentrations in groundwater, although the TRH concentrations were similar to those reported in the Port River.

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4.10 Identified Potentially Contaminating Activities and Associated Chemicals of Potential Concern

A summary of the identified PCAs[8] are presented in **Table 4.6**. An assessment of the level of risk and associated COPCs for each identified PCA are presented in **Table 4.7**.

[8] As prescribed in Schedule 3 of the *Environment Protection Regulations 2009* and outlined by SPC (2023).

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Table 4.6: Summary of Potentially Contaminating Activities with Potential to Have Occurred Onsite / Impacted Site

Potentially Contaminating Activity	Prescribed by EP Regulations 2009?	Outlined by SPC (2023)?	Likelihood of Occurrence Onsite	Detail
Onsite				
Dredge spoil disposal or storage	Yes	Yes (Class 2, Risk Rating: Moderate)	Confirmed	• Sediment ponds in Area 3 (receipt of dredge material from Port River).
Fill or soil importation	Yes	No	Confirmed	• Areas of disturbed soil noted in historical aerial photographs • Filled surface water bodies noted in historical aerial photographs • Stockpiles noted in historical aerial photographs
Wetlands or detention basins	Yes	Yes (Class 2, Risk Rating: Moderate)	Confirmed	• Wetland areas / surface water bodies noted in historical aerial photographs (since filled) • Current detention basins / wetlands present on CT DD (constructed between 2010 and 2012)
Potential burial of asbestos containing materials (ACM)	Yes	Yes (Class 1; Risk Rating: High)	Confirmed	• ACM is known to have been buried across a portion of CT DD, and may have been present in other fill materials
Offsite				
Electricity generation or power plants	Yes	No	Confirmed	• Adjacent Area 3 (to the west) and Area 2 (to the north). • First observed in the 1999 aerial photograph.
Fill or soil importation	Yes	No	Confirmed	• Areas of disturbed soil noted in historical aerial photographs • Filled surface water bodies noted in historical aerial photographs • Stockpiles noted in historical aerial photographs / during site inspection
Railway operations	Yes	Yes (Class 1; Risk Rating: High)	Confirmed	• Railway line running north to south, between CT DD and EE, and parallel to CT L, O, R, S and T
Fuel terminal	Yes	Yes (Class 1; Risk Rating: High)	Confirmed	• Ampol Fuel Terminal site located north of CT DD (adjacent) • Constructed between 2010 and 2023.
Historic fuel / oil terminal	Yes	Yes (Class 1; Risk Rating: High)	Confirmed	• Historic fuel / oil terminal formerly present north-west of CT DD (within 200 m)

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Potentially Contaminating Activity	Prescribed by EP Regulations 2009?	Outlined by SPC (2023)?	Likelihood of Occurrence Onsite	Detail
				• Groundwater at the historic fuel / oil terminal is known to be impacted by petroleum hydrocarbons (light non-aqueous phase liquid [LNAPL] present)

Table 4.7: Assessment of Level of Risk and Associated COPCs for Identified PCAs

Potentially Contaminating Activity	Location	Contaminants of Potential Concern	Risk Level
Onsite			
Dredge spoil disposal or storage	Area 3	• Heavy metals • Organotins • Cyanide • PFAS • ASS • TRH	Moderate • Dredge spoil is known to have been placed on Area 3. Elevated concentrations of a number of chemicals are known to be present in the Port River. • Previous testing of dredging material on Area 3 reported all concentrations below both human health criteria for commercial / industrial landuse and ecological investigation levels with the exception of zinc which marginally exceeded ecological criteria only.
Fill or soil importation	Site wide	Broad range including heavy metals, TRH, PAH, BTEXN, OCPs, cyanide, organotins, PFAS	Moderate • The broader area is known to have been filled historically (anecdotal evidence of placement of dredge spoil and other fill across the broader peninsula). • There is evidence of soil stockpiles, disturbed soil and filled surface water bodies in historical aerial photographs. • In addition to the above, the site was vacant for a large period of time prior to development and hence there is also potential for opportunistic dumping to have occurred.

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Potentially Contaminating Activity	Location	Contaminants of Potential Concern	Risk Level
Wetlands or detention basins	• Site wide (historic wetland areas / surface water bodies) • Current detention basins / wetlands on CT DD	• Heavy metals • Organotins • Cyanide • PFAS • TRH	Low to moderate • Surface water bodies were observed in historical aerial photographs, although they were filled prior to development of the broader Osborne area which reduces the potential for impacts via this pathway. • The construction of the current detention basins / wetlands on CT DD is unknown, however, this occurred relatively recently (between 2010 and 2012) and hence is likely to be adequate to prevent interaction between surface water within the detention basins / wetlands and the underlying soils and groundwater. • Several areas of Area 2 were observed to have water pooling on the surface at the time of inspection.
Potential burial of asbestos containing materials (ACM)	CT DD (and site wide)	Asbestos	Low to moderate • There is evidence of fill materials containing ACM being placed in an area of CT DD. This is unlikely to be a risk under the proposed development, which includes sealed carparking areas for this portion of the site. A Construction Environmental Management Plan (CEMP) will be required to address these materials during the construction program. • There is potential for additional ACM to be identified within soils across the site during the construction program – a CEMP will be required to address management measures to be undertaken for unexpected finds during the construction program.
Offsite			
Electricity generation or power plants (Pelican Point Power Station)	Offsite (west of Area 3, north of Area 2)	• PAH • Heavy metals • BTEX • Phenols	Low risk to subject site • The power station is relatively new (commissioned in 2001) and hence management measures are expected to have been appropriate. • There is a buffer zone between the operational portions of the power station site and the subject site. • There is a S83A notification of site contamination that threatens or affects groundwater at the site, and hence EPA is regulating this contamination.

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Potentially Contaminating Activity	Location	Contaminants of Potential Concern	Risk Level
Fill or soil importation	Offsite, across the broader northern LeFevre Peninsula	Broad range including heavy metals, TRH, PAH, BTEXN, OCPs, cyanide, organotins, PFAS	Low to moderate risk to subject site • Offsite fill is most likely to affect the contamination status of soils of the offsite area (rather than groundwater, which could then migrate onto the site). • Notwithstanding the above, groundwater is present at shallow depths and filling of surface water bodies is known to have occurred which reduces the distance between potentially impacted fill material and groundwater.
Railway operations	Railway line running north to south, between CT DD and EE, and adjacent to CT L, O, R, S and T	• Metals • TRH • PAH • OCPs • OPPs • Herbicides • Asbestos	Low risk to subject site • Given the presence of sufficient separation distance between the rail corridor and the subject site, it is unlikely this would impact the subject site.
Fuel terminal (Ampol Fuel Terminal Pelican Point)	North of CT DD (adjacent),	• TRH • BTEX • PAH • MTBE • Phenols	Low risk to subject site • The fuel terminal was constructed relatively recently (construction commenced circa 2012) and hence management measures are expected to have been appropriate. • There is a S83A notification of site contamination that threatens or affects groundwater at the site, and hence EPA is regulating this contamination.
Historic fuel / oil terminal	Formerly present north-west of CT DD (within 200 m)	• TRH • BTEX • PAH • MTBE • Phenols	Low risk to subject site • Groundwater at the site is known to be impacted with petroleum hydrocarbons, however, it is understood the overlying soils have been remediated. • Relatively shallow soils in the capillary and saturated zones (i.e. below 1.6 mbgl) are likely to be impacted with petroleum hydrocarbons, given the shallow depth to groundwater. • The site was formerly subject to a Site Contamination Audit, and hence EPA is regulating this contamination.

Abbreviations:

TRH – total recoverable hydrocarbons; PAH – polycyclic aromatic hydrocarbons; BTEXN – benzene, toluene, ethylbenzene, xylenes, naphthalene; OCPs – organochlorine pesticides; PFAS – per- and polyfluoroalkyl substances; OPPs – organophosphorus pesticides; MTBE – methyl tert-butyl ether.

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5. Soil Investigation

5.1 Overview

An overview of the soil investigation completed to date is included in **Table 5.1**. Soil borehole locations are shown in **Figure 5**.

The number of boreholes was based on achieving 25 % of the sampling density outlined in AS4482.1[9], taking the historic boreholes into account. This was considered sufficient due to the following:

- The limited PSI indicated the majority of the site had been vacant historically;
- A small number of PCAs were identified in the limited PSI; and
- The site is proposed to be developed for industrial purposes.

Table 5.1: Summary of Soil Investigation Completed to Date

Area of Site	Total Number of Soil Boreholes	Boreholes	Depth of Soil Boreholes	Dates of Site Work
Area 1	78	BH01-BH36, BH46, BH50-BH67, BH70-BH76 and BH79-BH94	0.6 mbgl to 1 mbgl	• 22 and 23 May 2024 • 12 to 14 June 2024
Area 2	88	SB54-133, SB163-SB166, and SB171-SB174	1 mbgl to 3 mbgl	• 25 and 26 May 2024 • 29 to 31 May 2024
Area 3	57	SB01-SB53, and SB167-SB170	1 mbgl to 3 mbgl	• 22 and 23 May 2023 • 25 May 2023 • 29 May 2023

5.2 Summary of Historic Data (Area 1 Only)

Historic soil data from 2017 to 2023[10] was included as part of the dataset for assessment of soil for Area 1 of subject site (Area 1). A summary of the number of boreholes from the historic dataset which have been in included in this assessment is provided in **Table 5.2**.

[9] *Guide to the investigation and sampling of sites with potentially contaminated soil, Part 1: Non-volatile and semi-volatile compounds, AS4482.1-2005*, Standards Australia, 2005 (SA 2005).

[10] *ANI Due Diligence – Outer Dock, Environmental Site Assessment,* Coffey Services Australia Pty Ltd, 2 August 2017 (Coffey 2017), *Soil Investigation, Mersey Road, Osborne (Northern Portion)*, Greencap, May 2018 (Greencap 2018), *Environmental Due Diligence – Carpark, Lot 110 Pelican Point Road, Outer Harbor,* JBS&G Australia Pty Ltd, 1 May 2023 (JBS&G 2023a), and *Environmental Due Diligence – Former Ferrocut Site, Lot 3000 Mersey Road, Osborne,* JBS&G Australia Pty Ltd, 29 June 2023 (JBS&G 2023b).

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Table 5.2: Summary of Historic Soil Dataset Included in the Assessment of Area 1 (2017 to 2023)

Historic Report	Portion of Site (Area 1) Assessed	Number of Soil Boreholes with Samples Analysed
Coffey 2017 (36 total	CT DD	15
	BAE Carpark site (portion of CT DD)	5
	CT EE	17
Greencap 2018	CT EE	87
JBS&G 2023a	BAE Carpark site (portion of CT DD)	14
JBS&G 2023b	Former Ferrocut site (portion of CT EE)	3

Samples were analysed for a broad range of chemicals, however, this mainly consisted of heavy metals, TRH, BTEX, PAH, OCPs and phenols, with relatively small numbers of samples analysed for additional chemicals such as cyanide, PCBs, VOCs, PASS and PFAS.

Results were compared again the adopted Tier 1 screening levels for commercial / industrial landuse and criteria for offsite disposal / reuse outlined in **Section 5.4**. The following outcomes were noted:

- All results were below the adopted Tier 1 screening levels for commercial / industrial landuse; and
- The following indicative offsite disposal / reuse chemical classifications applied on the basis of the historic results:
  - CT DD: generally Waste Fill with one area of Intermediate;
  - BAE Carpark (portion of CT DD): areas of Waste Fill and Intermediate;
  - CT EE: generally Waste Fill with several areas of Intermediate and one area of Low Level; and
  - Former Ferrocut site (portion of CT EE): areas of Waste Fill and Intermediate (noting this soil assessment was very limited).

5.3 Methodology

5.3.1 Guidance Documents

All soil investigation works were undertaken in general accordance with the methodologies outlined in the following guidance documents:

- ASC NEPM (NEPC 2013);
- *Guidelines for the assessment and remediation of site contamination,* Environment Protection Authority South Australia, 2019 (EPA 2019a);
- *PFAS National Environmental Management Plan, Version 2.0,* National Chemicals Working Group of the Heads of EPAs Australia and New Zealand, January 2020 (HEPA 2020);
- *Guide to the Sampling and Investigation of Potentially Contaminated Soils, Part 1: Non-volatile and semi-volatile compounds (AS4482.1-2005),* Standards Australia, November 2005 (Standards Australia 2005); and
- *Guide to the Sampling and Investigation of Potentially Contaminated Soils, Part 2: Volatile substances (AS4482.2-1999),* Standards Australia, September 1999 (Standards Australia 1999).

5.3.2 Soil Sampling

Soil boreholes were advanced using hand auger (manual) and direct push (mechanical) techniques. The following soil sampling methodology was undertaken:

- Professional service location following review of dial before you dig plans was undertaken for all soil borehole locations prior to the commencement of drilling;

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- Downhole drilling equipment (handauger or pushtubes for mechanical drilling) were decontaminated using an appropriate detergent (Liquinox), followed by rinsing with deionised water prior to the commencement of drilling at each investigation location to minimise the potential for cross contamination. A rinsate sample was collected on every day of fieldwork to validate decontamination techniques;
- Soils were logged in general accordance with the Unified Soil Classification System (USCS);
- Soil samples were collected from the top of lithological layer encountered, with a maximum of 0.5 m between samples. Samples were collected into laboratory supplied sample containers and transported to National Association of Testing Authorities (NATA) accredited laboratories under chain of custody documentation (COC) in chilled eskies;
- A photoionisation detector (PID) was used to measure volatile organic compounds (VOCs) within duplicate soil samples from all sampling depths; and
- All soil investigation locations were surveyed using a handheld GPS (accuracy to 1 m).

Soil borehole logs are included in **Appendix C**. Calibration records are included in **Appendix D.**

5.3.3 Soil Analytical Program

The laboratory engaged for the analysis of primary samples was Eurofins | MGT (Eurofins). Eurofins is accredited by NATA for all of the analytical works performed. The secondary laboratory engaged for analysis of all inter-laboratory duplicate samples was Envirolab Services. Envirolab is also NATA accredited for all analytical works performed.

Samples were analysed for a broad range of chemicals, focussing on those identified in the PSI (see **Section 4.10**). The analytical program is summarised in **Table 5.3.**

Table 5.3: Summary of Soil Analytical Program

Area	Detail	Analysis
Area 1	145 primary samples from 78 sample locations	• Heavy metals: 105 • pH: 46 • TRH: 48 • BTEX: 48 • VOCs: 27 • PAH: 51 • OCPs: 31 • OPPs: 36 • PCBs: 23 • PFAS: 31 • Cyanide: 30 • Organotins: 35 • SPOCAS: 32 • Asbestos: 33 • EIL Suite[#1]: 4
Area 2	155 primary samples from 88 sample locations	• HM: 155 • pH: 30 • TRH: 89 • BTEX: 88 • VOCs: 41 • PAH: 75 • OCPs: 37

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Area	Detail	Analysis
		• OPPs: 30 • PCBs: 31 • PFAS: 37 • Cyanide: 31 • Organotins: 31 • SPOCAS: 38 • EIL Suite[#1]: 3
Area 3	92 primary samples from 57 sample locations	• HM: 85 • pH: 17 • TRH: 38 • BTEX: 41 • VOCs: 14 • PAH: 38 • OCPs: 13 • OPPs: 12 • PCBs: 11 • PFAS: 13 • Cyanide: 14 • Organotins: 14 • SPOCAS: 12 • EIL Suite[#1]: 1

Abbreviations:

TRH – total recoverable hydrocarbons; BTEX – benzene, toluene, ethylbenzene, xylenes; PAH – polycyclic aromatic hydrocarbons; OCPs – organochlorine pesticides; PCBs – polychlorinated biphenyls; TBT – tributyl tin; PFAS – per- and polyfluoroalkyl substances; TOC – total organic carbon; SPOCAS – suspension peroxide oxidation combined acidity and sulphur (testing for acid sulphate soils); EIL – Ecological Investigation Level.

Notes:

#1: EIL Suite includes cation exchange capacity (CEC), percentage clay, total organic carbon (TOC), pH and iron content.

5.4 Adopted Tier 1 Screening Levels and Criteria for Offsite Disposal / Reuse

5.4.1 Adopted Tier 1 Screening Levels for Commercial / Industrial Landuse

Results from samples collected from the subject site were compared against Tier 1 screening levels for commercial / industrial landuse to assess whether there is potential risk from in-situ soils under the proposed future landuse. An exceedance of an investigation level does not indicate that there is an unacceptable risk to human health, but rather that further site-specific consideration and/or assessment is required to quantify the potential risk to human health in the relevant land use scenario.

The screening criteria adopted are summarised below in **Table 5.4**.

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Table 5.4: Summary of Adopted Tier 1 Screening Criteria for Commercial / Industrial Landuse

Type	Adopted Screening Criteria
Human Health	• ASC NEPM (NEPC 2013) o Health Based Investigation Levels (HILs): commercial / industrial landuse o Soil Health Screening Levels (HSLs) for Vapour Intrusion: commercial / industrial landuse, sand, all depths o Management Limits: commercial / industrial landuse, coarse soils • PFAS NEMP 2.0 (HEPA 2020) o Human health investigation levels for soil
Ecological	• ASC NEPM (NEPC 2013) o Ecological Investigation Levels (EILs): commercial / industrial landuse, site specific for chromium (III), copper, nickel and zinc[11] o Ecological Screening Levels (ESLs): commercial / industrial landuse, coarse • PFAS NEMP 2.0 (HEPA 2020) o Ecological guideline values for soil: all landuses, direct and indirect

In addition to the above, samples have been screened against the criteria provided in the SA EPA guideline *Site contamination – acid sulfate soil materials*[12].

5.4.2 Criteria for Offsite Disposal / Reuse

Results from samples collected from the subject site were also compared against Tier 1 screening levels for offsite disposal / reuse. These criteria are summarised below in **Table 5.5**.

Table 5.5: Summary of Offsite Disposal / Reuse Criteria

Type	Adopted Criteria
Offsite Disposal	*Current criteria for the classification of waste – including Industrial and Commercial Waste (Listed) and Waste Soil,* Environment Protection Authority South Australia, March 2010 (EPA SA 2010)
Offsite Reuse	*Standard for the production and use of Waste Derived Fill,* Environment Protection Authority South Australia, October 2013 (EPA SA 2013) It is highlighted that in addition to meeting the chemical criteria outlined by EPA (2013), the WDF must also meet physical criteria and have its use certified by an environmental consultant or Site Contamination Auditor (dependent on the landuse of the site where the waste derived fill [WDF] is to be used).

5.5 Quality Assurance / Quality Control

The data quality indicators (DQIs) are summarised in **Appendix E**. A detailed review of the quality assurance / quality control (QA/QC) measures implemented during the soil investigation program to address the DQIs is also included in **Appendix E**.

Based on the results of the evaluation of the QA/QC data, it is considered that:

- The field and laboratory quality assurance measures implemented provide an acceptable level of confidence that the data collected and reported is appropriately complete, comparable and representative; and

[11] See **Appendix F** for calculation of site specific EILs for chromium (III), copper, nickel and zinc.
[12] *Site contamination – Acid sulfate soil materials, EPA 638/07,* Environment Protection Authority South Australia, November 2007 (EPA 2007).

- The field and laboratory quality control measures implemented provide an acceptable level of confidence that the data collected and reported is appropriately accurate and precise.

Therefore, the data collected during the 2023 and 2024 soil investigation is considered reliable for the purposes of this assessment.

5.6 Soil Results

5.6.1 Materials Encountered

Soils encountered across Area 1 consisted of fill to beyond the depth of drilling of 1 mbgl. East of the railway line, surface fill commonly consisted of yellow brown / orange brown sandy gravel / gravelly sand (often with inclusions of brick), likely to be building rubble. This layer was largely absent west of the railway line, with fill materials commonly consisting of grey silty / gravelly / clayey sands / sand, with sandy silt and sandy gravels also reported in near surface soils at a smaller number of locations. The grey silty / gravelly / clayey sands / sand layer was also present (beneath the building rubble) east of the railway line. Brick / concrete inclusions were noted at 26 locations, while black gravel / slag was noted at 14 locations and ash / cinders were noted at eight locations (all of which were east of the railway line). Shells / shellgrit (indicative of dredge material) was noted at nine locations, the majority of which were in the northern half of CT DD and CT GG.

Soils encountered across Area 2 and 3 were similar, consisting of fill to an average depth of 1 mbgl to 1.5 mbgl across the site, noting there were locations where no fill was reported and locations where fill was reported at the extent of drilling (3 mbgl). Fill materials commonly consisted of silty sands / sand (often with shellgrit and shells), with sandy silt and silt also reported frequently. Gravel and sandy clay were present in near surface soils at a smaller number of locations. Inclusions (such as brick, glass, bitumen, plastic, slag, ash and cinders) were noted at 28 locations.

Where present, natural materials were similar to the most commonly reported fill materials (grey silty / gravelly / clayey sands / sand), indicating this fill is likely to have been locally sourced.

5.6.2 Field Observations

The following field observations were noted:

- No significant odours were observed in soils;
- PID measurements were below 1 ppm, indicating low likelihood of volatile contaminants in soils; and
- One fragment of potential ACM was found on CT K (Area 2).

5.6.3 Soil Analytical Results and Discussion

The certified laboratory certificates of analysis and COC documentation are included in this report in **Appendix G. Summary Tables** are attached to this report. A summary of the results by portion of the site is included in **Table 5.6**.

Comparison to Tier 1 Screening Levels for Commercial / Industrial Landuse

All chemicals were reported at concentrations below the Tier 1 screening levels for commercial / industrial landuse with the exception of the following:

- Copper in surface soil at one location within the north-eastern portion of Area 1 (CT EE). This concentration marginally exceeded the ecological criteria but was below the human health criteria. Given this marginal exceedance of ecological criteria, the reported concentration was not considered to be significant in the context of the current and proposed landuse (this area is currently [and proposed to be] hardstand);
- TRH at one location in the northern portion of Area 1 (CT EE) exceeding the ecological criteria. It is highlighted that while this single elevated TRH concentration exceeded ecological criteria, this was

considered a biogenic source of TRH as results following silica gel clean-up were below the laboratory LOR; and

- Lead at one location in Area 2 (CT S) which exceeded both the human health and ecological criteria in the sample collected from a depth of 2.3 mbgl to 2.5 mbgl. It is noted that the shallow soil sample at this location (0.4 mbgl to 0.6 mbgl), which was from a different lithological layer, reported lead below the laboratory LOR. This indicates the elevated lead is likely to be associated with a specific layer of fill. The

All samples reported net acidity below the laboratory LOR (and SA EPA ASS guideline criteria).

It is highlighted that PFAS, VOCs, PCBs, OPPs, organotins, cyanide and asbestos were reported below the laboratory LOR (and the Tier 1 screening levels for commercial / industrial landuse) in all samples.

Comparison to Criteria for Offsite Disposal / Reuse

The majority of chemicals were reported at concentrations below Waste Fill criteria for offsite disposal / reuse, however, some metals (arsenic, cadmium, copper, lead, mercury and zinc) and TRH were reported above this criteria at a total of 15 borehole locations. The following was noted regarding the concentrations which exceeded Waste Fill criteria for offsite disposal / reuse:

- With the exception of lead at one location (Area 2, CT S), the elevated metals concentrations exceeded Waste Fill criteria only (i.e. were below both Intermediate and Low Level Criteria). The site areas with elevated metals concentrations exceeding Waste Fill criteria included Area 1 (CT DD and EE), Area 2 (CT D, E, F, G and H) and Area 3 (CT A);
- The elevated lead concentration reported in Area 2 (CT S) exceeded both Waste Fill and Intermediate criteria, however, was below Low Level criteria; and
- While the single elevated TRH concentration reported at one location (in the northern portion of CT EE) was above both Waste Fill and Intermediate criteria, this was considered a biogenic source of TRH as silica gel clean-up results were below the laboratory LOR.

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Table 5.6: Summary of Results for the Subject Site

Portion	Number of Soil Boreholes	Number of Samples Analysed	Soil Boreholes	Exceedance of Tier 1 Screening Levels for Commercial Industrial Landuse	Exceedances of Offsite Disposal / Reuse Criteria
Area 1					
CT DD	36	64	BH01-BH36	Nil	Waste Fill • One exceedance of lead • One exceedance of zinc
CT EE	37	71	BH46, BH50-BH67, BH70-BH76, BH79-BH85 and BH91-BH94	Ecological • One exceedance of copper • One exceedance of TRH (biogenic) Human Health • Nil	Waste Fill • One exceedance of arsenic • One exceedance of cadmium • Two exceedances of copper • One exceedance of lead • One exceedance of zinc Intermediate • One exceedance of TRH (biogenic)
CT GG	5	10	BH86-BH90	Nil	Nil
Area 2					
B	7	11	SB54-SB58 and SB73-SB74	Nil	Nil
C	4	7	SB59-SB61 and SB75	Nil	Nil
D	5	10	SB62-SB65 and SB76	Nil	Waste Fill • One exceedance for arsenic • Two exceedances for cadmium
E	10	25	SB66-SB72, SB77 and SB171-SB172	Nil	Waste Fill • One exceedance for arsenic • Two exceedances for cadmium
F	18	18	SB78-SB89, SB95-SB96, SB106-SB107, SB111 and SB173	Nil	Waste Fill • One exceedance for lead
G	4	11	SB93-SB94 and SB108-SB109	Nil	Waste Fill • Two exceedances for arsenic • Two exceedances for cadmium
H	4	7	SB90-SB92 and SB110	Nil	Waste Fill • One exceedance for arsenic

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Portion	Number of Soil Boreholes	Number of Samples Analysed	Soil Boreholes	Exceedance of Tier 1 Screening Levels for Commercial Industrial Landuse	Exceedances of Offsite Disposal / Reuse Criteria
					• One exceedance for cadmium
I	5	8	SB100-SB103 and SB174	Nil	Nil
J	2	5	SB99 and SB113	Nil	Nil
K	3	7	SB97-SB98 and SB114	Nil	Nil
L	3	6	SB104-SB105 and SB112	Nil	Nil
M	2	1	SB121 and SB130	Nil	Nil
N	2	3	SB123 and SB132	Nil	Nil
O	2	4	SB115 and SB125	Nil	Nil
P	2	5	SB122 and SB131	Nil	Nil
Q	2	3	SB124 and SB133	Nil	Nil
R	3	3	SB116-SB117 and SB126	Nil	Nil
S	3	6	SB118-SB119 and SB127	Human Health • One exceedance for lead Ecological • One exceedance for lead	Waste Fill • One exceedance for cadmium • One exceedance for lead Intermediate • One exceedance for cadmium • One exceedance for lead
T	3	6	SB120 and SB128-SB129	Nil	Nil
W	4	6	SB163-SB166	Nil	Waste Fill • One exceedance for arsenic • One exceedance for cadmium
Area 3					
A	57	92	SB01-SB53 and SB167-SB170	Nil	Waste Fill • Two exceedances for copper • One exceedance for mercury

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5.7 Summary of Soil Investigation Outcomes

The following key outcomes are noted regarding the subject site:

- All soil results were below the adopted Tier 1 human health screening levels for commercial / industrial landuse with the exception of lead at a depth of 2.3 mbgl at one location (Area 2, CT S – shown in **Figure 6**) which exceeded both human health and ecological criteria. Further investigation of lead in vicinity of SB127 is considered warranted to assess the extent of the elevated lead concentrations;
- With the exception of copper at one location (Area 1, CT EE), TRH at one location (Area 3, CT EE), and the elevated lead concentration discussed above in Area 2 (shown in **Figure 6**), all soil results were below the adopted Tier 1 ecological screening levels for commercial / industrial landuse. The marginally elevated copper result was not considered to be significant in the context of the proposed landuse, while the elevated TRH was considered to be biogenic;
- The following indicative offsite disposal / reuse chemical classifications apply (shown in **Figure 7**):
    - The majority of soil borehole locations reported results below offsite disposal / reuse criteria, with surplus soils from these locations having an indicative chemical classification of Waste Fill;
    - 13 soil borehole locations (SB16, SB42, SB76, SB77, SB79, SB108, SB110, SB164, BH02, BH10, BH20, BH53, and BH63) reported results above Waste Fill criteria but below Intermediate and Low Level criteria. Soils in vicinity of these locations have an indicative chemical classification of Intermediate, however, may potentially be classified as Waste Fill depending on the extent of surplus soils and the number of samples analysed; and
    - Two soil borehole locations (SB127 from Area 2 [CT S], and BH57 from Area 1 [CT EE]) reported results above Intermediate criteria but below Low Level criteria. Surplus soils from these locations have an indicative chemical classification of Low Level. It is noted that the elevated TRH reported at BH57 was considered to be biogenic following further analysis.
- Laboratory analytical testing did not identify the presence of actual acid sulfate soil (AASS) or potential acid sulfate soil (PASS) materials at the site, noting testing was restricted to the upper 3 m of site soils and the materials tested were predominantly fill.

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6. Groundwater Investigation

6.1 Groundwater Investigation Methodology

6.1.1 Guidance Documents

The groundwater investigation works were undertaken in accordance with the methodologies outlined in the following guidance documents:

- ASC NEPM (NEPC 2013);
- *Guidelines for the Assessment and Remediation of Site Contamination*, Environment Protection Authority South Australia, November 2019 (EPA 2019a);
- *Regulatory monitoring and testing – Groundwater sampling*, Environment Protection Authority South Australia, April 2019 (EPA 2019b);
- *PFAS National Environmental Management Plan, Version 2.0*, National Chemicals Working Group of the Heads of EPAs Australia and New Zealand, January 2020 (HEPA 2020);
- *AS/NZS 5667.1: Water quality – Sampling, Part 1: Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples*, Australian / New Zealand Standards, 1998 (Australian / New Zealand Standards 1998a); and
- *AS/NZS 5667.11: Water quality – Sampling, Part 11: Guidance on sampling of groundwaters*, Australian / New Zealand Standard, 1998 (Australian / New Zealand Standards 1998b).

6.1.2 Groundwater Well Installation

Eight groundwater wells (MW01-MW08) were installed on 6 and 7 June 2024 at targeted locations to supplement existing groundwater wells, in order to provide a broad assessment of the quality and contamination status of groundwater in the shallow aquifer (Q1) across the subject site.

The following installation methodology was undertaken;

- Well permits were obtained from the Department of Environment and Water (DEW) for all groundwater wells – the well permits are included in **Appendix H**;
- Professional service location following review of dial before you dig plans was undertaken for all groundwater well locations prior to the commencement of drilling;
- Groundwater wells were drilled to depths between 4 mbgl and 5 mbgl using solid flight augers. The solid flight augers were decontaminated using an appropriate detergent (Liquinox), followed by rinsing with deionised water prior to the commencement of drilling at each well location to minimise the potential for cross contamination. A rinsate sample was collected on every day of fieldwork to validate decontamination techniques;
- Soils were logged in general accordance with the Unified Soil Classification System (USCS);
- Following completion of drilling and logging, a groundwater well was installed in accordance with guidance from the National Water Commission[13], as follows:
    - The groundwater well was constructed using 50 mm Class 18 uPVC screen and casing (pressure rated to conform to AS1477). The uPVC screen and casing pipe had machine cut threads with rubber o-rings to ensure a tight seal between casing lengths and to avoid the use of glues / lubricants in constructing the well;
    - A screen length of 3 m was installed to the bottom on the borehole, with casing then installed from the top of the screen to surface;
    - A graded sand pack was installed from the bottom of the drilled borehole to 500 mm above the top of the screened interval;

[13] *Minimum Construction requirements for water bores in Australia, 4th Edition,* National Water Commission, 2020 (NWC 2020).

- An activated bentonite seal of approximately 500 mm was installed above the sand layer, with a cement / bentonite grout installed to surface; and
- All wells were completed with flush mounted well covers concreted into the surface, with a lockable end cap fitted over the top of the well (beneath the well cover) to prevent any ingress of water to the well.

- The wells were developed on installation to ensure adequate hydraulic connection with the aquifer using disposable bailers, dedicated to each well. Development consisted of purging until indicator parameters of dissolved oxygen (DO), electrical conductivity (EC), redox potential, pH and temperature recorded every bore volume purged were within the ranges outlined by EPA (2019) in three consecutive measurements, noting a minimum of 50 L was removed from each well;
- Soil cuttings were retained onsite. Groundwater purge water was placed in 200 L drums and stored in a designated area at the site while waiting on laboratory analysis. Drums were collected and disposed of by a contractor licenced to transport and receive contaminated water at the end of the site works program. Waste disposal documentation is included in **Appendix I**; and
- All newly installed groundwater wells were surveyed by a professional and licensed surveyor. The survey data is included in **Appendix J**.

The locations of the groundwater wells are shown in **Figure 8**.

The well construction details are summarised below in **Table 6.1**, with a detailed description of the soils encountered included in the groundwater well logs in **Appendix K**.

Table 6.1: Groundwater Well Construction Details (MW01-MW08)

Well ID	Date Installed	Installed depth mbgl	Screened interval mbgl	SWL (13-Jun-24) mTOC
MW01	6-Jun-24	5.0	2.0 to 5.0	1.998
MW02	6-Jun-24	4.0	1.0 to 4.0	1.393
MW03	6-Jun-24	5.0	2.0 to 5.0	2.448
MW04	7-Jun-24	4.5	1.5 to 4.5	2.554
MW05	7-Jun-24	4.5	1.5 to 4.5	2.016
MW06	6-Jun-24	5.0	2.0 to 5.0	2.706
MW07	7-Jun-24	4.5	1.5 to 4.5	2.106
MW08	6-Jun-24	4.5	1.5 to 4.5	2.122
Abbreviations: SWL – standing water level; mTOC – metres below top of casing				

6.1.3 Groundwater Sampling

A total of 15 groundwater wells, including the eight newly installed wells (MW01-MW08) and seven existing wells (CGW01, CGW03, FGW01, FGW03 and GW01-GW03) were sampled on 13 and 14 June 2024. All newly installed wells were sampled using low flow methods a minimum of 7 days following installation. The following groundwater sampling methodology was undertaken:

- All sampling equipment (interface probe and water quality meter) was decontaminated using an appropriate detergent (Liquinox), followed by rinsing with deionised water to minimise the potential for cross contamination between wells. A rinsate sample was collected on every day of groundwater sampling to validate decontamination techniques;
- All wells were gauged within a 6-hour period prior to commencement of sampling on 13 June 2024. Groundwater well gauging was undertaken using an electronic IP to measure the depth to water, depth to non-aqueous phase liquid (NAPL) (if present) and total depth of each well;
- Groundwater sampling was completed via low flow methods, as follows:

- A peristaltic pump was used for sampling, with dedicated tubing (high density polyethylene [HDPE]) used for each groundwater well;
- The HDPE tubing was lowered into the well so that the intake point was set in the approximate centre of the water column – this depth was recorded on the field sampling sheets;
- The peristaltic pump was then used to purge the well at a rate to establish a stabilised pumping rate while minimising drawdown. A maximum drawdown of 100 mm was adopted for the investigation;
- Following the establishment of the flow rate, indicator parameters (including DO, EC, redox potential, pH and temperature) were measured to determine when purging was complete (i.e. when indicator parameters are considered stable in accordance with EPA [2019]). The presence or absence of visual and/or olfactory evidence of contamination was noted on the field sampling sheets; and
- Following stabilisation of indictor parameters, a groundwater sample was collected in appropriately preserved sample bottles for the chemicals of interest (provided by the laboratory).

- Samples were transported in a chilled cool box to the laboratory for selected chemical analysis under COC documentation; and
- Groundwater purge water was placed in 200 L drums and then stored in a designated area on the site. Drums were collected and disposed of by a contractor licenced to transport and receive contaminated water at the end of the site works program. Waste disposal documentation is included in **Appendix I**.

Groundwater field sampling sheets are included in **Appendix L**.

6.1.4 Groundwater Analytical Program

The laboratory engaged for the analysis of primary samples was Eurofins | MGT (Eurofins). Eurofins is accredited by NATA for all of the analytical works performed. The secondary laboratory engaged for analysis of all inter-laboratory duplicate samples was Envirolab Services. Envirolab is also NATA accredited for all analytical works performed.

Samples were analysed for a broad range of chemicals, focussing on those identified in the PSI (see **Section 4.10**), with wells in vicinity of the area where dewatering is likely to be required (Area 3) also analysed for the suite outlined by EPA 1093/21 (EPA 2021). The analytical program is summarised in **Table 6.2.**

Table 6.2: Summary of Groundwater Analytical Program

Area	Groundwater Wells	Analysis
In the vicinity of the area where dewatering is likely to be required (Area 3)	4 wells (GW01-GW03 and MW04)	HM[#1], TRH, BTEX, PAH, OCPs, PCBs, VOCs, PFAS, phenols, cyanide, organotins, methane, turbidity, TSS, TDS, salinity, pH, DO, BOD, nitrogen suite[#2], total phosphate, soluble chloride, soluble sulfate, oil and grease
Remainder of subject site	11 wells (CGW01, CGW03, FGW01, FGW03, MW01-MW04 and MW05-MW08)	HM[#1], TRH, BTEX, PAH, OCPs, PCBs, VOCs, PFAS, phenols, cyanide, organotins and methane

Abbreviations:

HM – heavy metals; TRH – total recoverable hydrocarbons; BTEX – benzene, toluene, ethylbenzene, xylenes; PAH – polycyclic aromatic hydrocarbons; OCPs – organochlorine pesticides; PCBs – polychlorinated biphenyls; VOCs – volatile organic compounds; PFAS – per- and polyfluoroalkyl substances; TSS – total suspended solids; TDS – total dissolved solids; DO – dissolved oxygen; BOD – biochemical oxygen demand.

Notes:

#1: Heavy metals include arsenic, cadmium, chromium (total and hexavalent), copper, lead, mercury, nickel and zinc.

#2: Nitrogen suite includes total nitrogen, ammonia, nitrate, total kjeldahl nitrogen.

6.2 Tier 1 Groundwater Screening Levels

6.2.1 Assessment of Relevant Environmental Values of Groundwater

Overview

The *Environment Protection (Water Quality) Policy 2015* (WQEPP 2015) identifies a range of protected beneficial uses of underground waters in South Australia. EPA (2019a) provides the following hierarchical order for the protected environmental values of groundwater:

1. Drinking water
2. Recreation and aesthetics
3. Aquatic ecosystem (marine and freshwater)
4. Primary industries (agriculture [irrigation, general water uses and livestock] and aquaculture).

In addition, human health in non-use scenarios (i.e. exposure to volatile contaminants via vapour intrusion) is required to be considered where volatile chemicals are present.

Assessment of Relevant Protected Environmental Values of Groundwater

The risk-based approach for assessing groundwater contamination outlined in the ASC NEPM (NEPC 2013) and by EPA (2019) is based on protection of relevant (i.e. current or realistic) environmental values of groundwater. The assessment of relevant environmental values of groundwater at any given site includes the following in accordance with EPA (2019):

1. Assessment of environmental values of groundwater on the basis of total dissolved solids (TDS);
2. Identification and assessment of surface water bodies within a 2 km radius of the site; and
3. Identification and assessment of registered bores within a 2 km radius of the site.

Assessment of Total Dissolved Solids at the Site

The WQEPP (2015) provides TDS ranges for the protected environmental values of groundwater. Where groundwater has TDS above the range for a particular protected environmental value, the groundwater quality is unlikely to support this particular protected environmental value of groundwater. However, environmental values of groundwater cannot be excluded on the basis of TDS alone.

A summary of the assessment of protected environmental values of groundwater based on TDS at the site is included below in **Table 6.3**.

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Table 6.3: Summary of Assessment of Protected Environmental Values of Groundwater Based on Total Dissolved Solids at the Site

Protected environmental value of groundwater	TDS range (WQEPP 2015)	Lowest TDS reported at the site	Relevant at the site based on TDS?
Drinking water	Below 1,200 mg/L	29,000 mg/L (laboratory data)#1 5,000 mg/L (field data)	Not relevant
Primary industries – irrigation and general water uses	Below 3,000 mg/L		Not relevant
Primary industries – livestock	Below 13,000 mg/L		Potentially relevant (based on field data)
Primary industries – aquaculture and human consumption of aquatic foods	Below 13,000 mg/L		Potentially relevant (based on field data)

Notes:

#1: Based on laboratory data, with the lowest TDS reported at GW02. It is noted that TDS was included in the analytical program for GW01-GW03 and MW04 only.

#2: Based on field data, with the lowest EC reported at MW02. It is noted that the EC reported at CGW03 was excluded as it was considered to be erroneous, noting historical EC data for this well was reported in excess of 10,000 µS/cm (over 5,000 mg/L TDS).

Assessment of Surface Water Bodies Within a 2 km Radius of the Site

An assessment of surface water bodies within a 2 km radius of the site was undertaken in order to assess whether surface water bodies were present within this radius of the site, and if present, whether there was potential inter-connectivity with groundwater.

The Port River (marine water body) is present directly adjacent to the subject site (Area 3) to the north, and approximately 500 m east of Area 1 and 2. In addition, there are a number of smaller creeks / rivers in Mutton Cove Conservation Reserve, which are also considered to be marine environments. Interaction between the river and groundwater at the site (particular Area 3) is likely to occur. Therefore, recreation and aesthetics, marine ecosystems and aquaculture are relevant environmental values of groundwater at the site.

Other surface water bodies within a 2 km radius of the site include the stormwater swales on Area 1, noting these are man-made but the construction is unknown (i.e. whether they are lined to prevent interaction between surface water / stormwater and groundwater). There is potential for the stormwater swales to be used by birdlife. To this end, freshwater ecosystems have been considered relevant environmental values of groundwater at the site.

Assessment of Registered Bores

A search of the WaterConnect database[14] was undertaken on 14 June 2024 in order to assess whether operational bores were present within close proximity (approximately 2 km from the centre of the subject site), and if present, whether these bores were likely targeting the shallow aquifer and used for beneficial purposes.

The search identified a total of 643 registered bores on, and within close proximity to, the subject site. The following registered bores were then excluded:

- Bores with type other than 'water well' (i.e. engineering wells);
- Bores which have been backfilled, abandoned or were listed as blocked or dry;
- Bores registered for drainage purposes, exploration purposes, environmental purposes or investigation / monitoring / observation purposes;
- Bores with no listed purpose; and
- Bores likely to be installed in a deeper aquifer than Q1 / Q2 (installed to depths greater than 25 mbgl).

[14] https://www.waterconnect.sa.gov.au/Systems/GD/Pages/Default.aspx (accessed online 14 June 2024)

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Following the above exclusions, a total of 148 bores remained, registered for the following purposes:

- 132 bores for domestic use (all installed of depths below 10 mbgl and likely to be targeting the Q1 aquifer); and
- 16 bores for irrigation purposes (all installed of depths below 10 mbgl and likely to be targeting the Q1 aquifer).

The above indicates that despite being of poor quality (i.e. high TDS), there are registered users of the Q1 aquifer for domestic and irrigation purposes. No bores likely to be targeting the Q2 aquifer meeting the above criteria were identified.

Information from the WaterConnect database for these bores is included in **Appendix M**.

Summary of Relevant Protected Environmental Values of Groundwater

Based on the TDS assessment, the assessment of surface water bodies, and the registered bore, the following environmental values of groundwater have been considered as relevant at the site:

- Drinking water
- Recreation and aesthetics
- Aquatic ecosystem (marine and freshwater)
- Primary industries (agriculture [irrigation and general water uses] and aquaculture).

Summary of Sources of Groundwater Tier 1 Screening Levels for Relevant Environmental Values

Groundwater results were compared against the Tier 1 screening levels outlined in **Table 6.4** for the relevant protected environmental values of groundwater outlined in **Section 6.2.1**. It is noted the protected environmental values of groundwater are listed in hierarchical order.

In addition, groundwater results have also been compared against criteria to assess potential vapour intrusion. This is not a protected environmental value of groundwater, however, must be considered when COPC are volatile.

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Table 6.4: Adopted Tier 1 Screening Levels for Relevant Protected Environmental Values of Groundwater

Relevant Protected Environmental Values of Groundwater		Adopted Tier 1 Screening levels
Hierarchical Order	Description	Reference
1	Drinking water	ADWG[#1] (NHMRC 2018) Health
		ADWG[#1] (NHMRC 2018) Aesthetics
		PFAS NEMP (HEPA 2020) Drinking Water, Health
		Guidelines for Drinking Water Quality[#2] (WHO 2017)
2	Recreation and aesthetics	ADWG[#1] (NHMRC 2018) Health x10[#3]
		ADWG[#1] (NHMRC 2018) Aesthetics
		PFAS NEMP (HEPA 2020) Recreational Water, Health
		Guidelines for Drinking Water Quality[#2] (WHO 2017) x10[#3]
3	Marine ecosystem	ANZG[#5] (2018) Marine Water, 95 % level of species protection and low reliability[#6]
		PFAS NEMP (HEPA 2020) Marine Water, 95 % level of species protection[#6]
	Freshwater ecosystem	ANZG[#5] (2018) Freshwater, 95 % level of species protection and low reliability[#6]
		PFAS NEMP (HEPA 2020) Freshwater, 95 % level of species protection[#6]
4	Primary Industries – Irrigation	AWQG[#7] (ANZECC 2000) Irrigation, short term
		AWQG[#7] (ANZECC 2000) Irrigation, long term
	Primary Industries – Aquaculture	AWQG[#7] (ANZECC 2000) Aquaculture
N/A	Vapour inhalation	ASC NEPM (NEPC 2013) Groundwater Health Screening Levels for Vapour Intrusion (commercial / industrial landuse, sand, depth to groundwater of 2 mbgl to <4 mbgl)

Notes:

#1: *Australian Drinking Water Guidelines 6,* National Health and Medical Research Council, 2011 updated 2018 (NHMRC 2018).

#2: *Guidelines for Drinking Water Quality (4th Edition),* World Health Organisation, 2017 (WHO 2017).

#3: As per the *Guidelines for Managing Risks in Recreational Water,* National Health and Medical Research Council, 2008 (NHMRC 2008), a recreational exposure is assumed to be consumption of 100 ml/day to 200 ml/day and thus drinking water criteria (which assumes consumption of 2 L/day) can be adjusted to account for this difference in exposure by multiplication of drinking water criteria by a factor of 10.

#4: *Guidance on Per and Polyfluoroalkyl Substances in Recreational Water,* National Health and Medical Research Council, 2019 (NHMRC 2019).

#5: *Australian and New Zealand Guidelines for Fresh and Marine Water Quality,* Australian and New Zealand Environment and Conservation Council & Agriculture and Resource Management council of Australia and New Zealand, 2018 (ANZG 2018)

#6: It is noted that a 95 % level of species protection has been selected for Tier 1 screening levels on the basis of the following:

- The Port River is considered to be a highly disturbed system, given the following:
  - The Port River is a shipping channel which is dredged frequently; and
  - ANZG (2018) lists shipping ports as an example of a highly disturbed system.
- For a highly disturbed system, an 80 % to 90 % level of species protection is advised by ANZG (2018). However, ANZG (2018) states that if a chemical has the potential to be bioaccumulative (such as PFAS), the next (higher) level of species protection than that which would normally apply based on the agreed ecosystem condition should be applied (i.e. a 95 % level of species protection for highly disturbed ecosystems instead of the 90 % level of species protection which would otherwise apply).
- The 95 % level of species protection has been adopted for all chemicals (including those which are not bioaccumulative) for ease of communication – this is a conservative measure for non-bioaccumulative chemicals.

#7: *Australian and New Zealand Guidelines for Fresh and Marine Water Quality,* Australian and New Zealand Environment and Conservation Council, 2000 (ANZECC 2000).

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6.2.2 Assessment of Dewatering Waste Water

Groundwater results from wells within / in close proximity to Area 3, where dewatering is likely to be required, have also been compared against criteria provided by *EPA 1093/21, Water Quality Guideline – Environmental management of dewatering during construction activities*[15] in order to assess whether treatment of dewatering waste water from the shallow (Q1 aquifer) is likely to be required prior to disposal.

It is noted this report provides a preliminary screening assessment of the quality of dewatering waste water from the Q1 aquifer only, with assessment of the Q2 aquifer outlined in a Sampling, Analysis and Quality Plan (SAQP)[16] (to be implemented prior to commencement of site works). The outcomes of the assessment of the Q2 aquifer, and further detail is to be included in the Dewatering Management Plan (DMP) which will be prepared for the dewatering activities in accordance with EPA 1093/21 (EPA, 2021) by a suitably qualified professional.

6.3 Groundwater Data Quality Assurance / Quality Control

The data quality indicators (DQIs) are summarised in **Appendix E**. A detailed review of the quality assurance / quality control (QA/QC) measures implemented during the groundwater investigation program to address the DQIs is also included in **Appendix E**.

Based on the results of the evaluation of the QA/QC data for groundwater, it is considered that:

- The field and laboratory quality assurance measures implemented provide an acceptable level of confidence that the data collected and reported is appropriately complete, comparable and representative; and
- The field and laboratory quality control measures implemented provide an acceptable level of confidence that the data collected and reported is appropriately accurate and precise.

Therefore, the groundwater data is considered to be reliable for the purposes of this assessment.

6.4 Groundwater Results

6.4.1 Standing Water Levels (SWL) & Hydrogeology

The gauging event was completed within a 4 hour period on 13 June 2024, prior to the commencement of sampling. The SWLs reported during gauging were reduced to Australian Height Datum (AHD) and then converted to Reduced Water Levels (RWLs) to allow the interpretation of the groundwater flow direction and hydraulic gradient across the site. The SWL and RWL is summarised below in **Table 6.5**.

[15] *EPA 1093/21, Water Quality Guideline – Environmental management of dewatering during construction activities,* Environment Protection Authority South Australia, June 2021 (EPA, 2021).

[16] *Sampling, Analysis and Quality Plan for Additional Targeted Site Contamination Assessment of the Nuclear Powered Submarine Construction Yard*, JBS&G Australia Pty Ltd, 11 November 2024 (JBS&G, 2024b).

Table 6.5: Reduced Water Levels – 13 June 2024

Groundwater Well ID	RL TOC mAHD	SWL mTOC	RWL mAHD
CGW01	2.801	1.849	0.952
CGW03	2.856	1.912	0.944
FGW01	3.068	2.146	0.922
FGW03	3.309	2.792	0.517
MW01	3.632	1.998	1.634
MW02	2.075	1.393	0.682
MW03	2.917	2.448	0.469
MW04	2.982	2.554	0.428
MW05	2.896	2.016	0.880
MW06	2.775	2.706	0.069
MW07	2.929	2.106	0.823
MW08	2.913	2.122	0.791
GW01	3.418	2.998	0.420
GW02	3.994	3.083	0.911
GW03	2.288	1.398	0.890

The inferred groundwater flow is shown in **Figure 9**.

The groundwater flow direction was inferred to be to the east (towards the Port River) across Area 1, while in Area 2 it was inferred to be to the west. It is noted that there was a groundwater sink in vicinity of MW06. The inferred flow was more complex in Area 3, with that in Area 3 generally to the south-east. It is likely groundwater is tidally influenced, with areas closer to the Port River more likely to be affected. The timing of the gauging event may result in alternate flow regimes being reported.

6.4.2 Field Observations

The following key field observations were made during groundwater sampling:

- Non-aqueous phase liquid (NAPL) was not observed in any groundwater well;
- A possible hydrocarbon sheen was noted in three wells (MW04, MW05 and MW07), with a hydrocarbon odour also noted in MW04. A sulfur odour was noted in six wells (FGW01, MW03, MW05, MW07, GW01 and GW03), with no odour reported in the remaining eight wells (CGW01, CGW03, FGW03, MW01, MW02, MW06, MW08 and GW02);
- Possible foam was noted during the shaker test (field test for PFAS) in three wells (MW04, MW08 and GW02);
- Groundwater was generally observed to be of high turbidity, with the exception MW03 (low turbidity) and MW07 and GW01-GW03 (medium turbidity); and
- Yield was low, with a flow rate of approximately 80 ml/min to 160 ml/min reported.

6.4.3 Water Quality Parameters

Water quality parameters including DO, redox potential, pH, EC and temperature were collected during sampling of all groundwater wells. A summary of the field parameters has been included in the **Summary Tables** attached to this report, and the field sampling sheets are included in **Appendix L**.

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The following groundwater conditions were noted:

- DO was generally low (below 0.5 ppm) across the site with the exception of five wells (CGW03, MW04 and GW01-GW03) where elevated DO (above 2.5 ppm) was reported. It is noted that four of the wells with elevated DO were within / in close proximity to Area 3, which are closest to the Port River and may be more tidally affected;
- Field redox potential results were indicative of reducing conditions in all wells except CGW01, CGW03 and FGW01, where oxidising conditions were reported. CGW01 and CGW03 are further south than the remainder of the wells and present at greater distances to Mutton Cove Conservation Reserve which is a salt marsh and mangrove woodland (with which reducing conditions are commonly associated);
- With the exception of GW01-GW03 (where pH was neutral), the pH of groundwater was alkaline across Area 1 and 2, ranging between 8.5 pH units and 12.6 pH units. The pH in Area 3 (location of GW01 to GW03) may be neutral due to interaction with surface water in the Port River; and
- EC generally ranged between 8,900 µS/cm and 109,300 µS/cm, (which equates to an approximate TDS of 5,000 mg/L and 86,000 mg/L).

6.4.4 Groundwater Analytical Results

The groundwater laboratory certificates of analysis and COC documentation are included in **Appendix N**. Analytical results have been tabulated and are included in the **Summary Tables** attached to this report.

Assessment of Site Contamination (comparison to groundwater screening levels for relevant environmental values of groundwater)

A number of COPCs were reported above the adopted Tier 1 groundwater screening levels for relevant environmental values of groundwater, including the following:

- Various metals (arsenic, chromium III, copper, mercury, molybdenum, nickel and selenium);
- PFAS (perfluorohexanesulfonic acid [PFHxS] and perfluorooctanesulfonic acid [PFOS]);
- Cyanide;
- Phenol;
- Total nitrogen and ammonia;
- Sulphate;
- Physical parameters (chloride, TDS and turbidity)

In addition to the above, a number of other chemicals (including oil & grease, total recoverable hydrocarbons, cresol, other PFAS including perfluoropentanoic acid [PFPeA], perfluorohexanoic acid [PFHxA], perfluoroheptanoic acid [PFHpA], perfluorononanoic acid [PFNA], perfluoropropanesulfonic acid [PFPrS] and perfluorobutanesulfonic acid [PFBS], methane, methyl ethyl ketone, total phosphate and other nitrogen forms) were reported at concentrations above the LOR where no criteria are provided by the adopted guidelines. While TRH was reported above the LOR in ten wells across Area 1 and 2, these TRH concentrations were considered to be from a biogenic source. This was concluded following silica gel clean-up where all results were below the laboratory LOR.

It is noted that while all COPCs were reported below the adopted Tier 1 groundwater screening levels for inhalation, an inhalation screening level for methane from groundwater is not provided and methane was reported at elevated concentrations in the majority of wells (mainly Area 1 and 2). Further assessment of hazardous ground gas (HGG) across the site has been outlined in a SAQP[17] (to be implemented prior to commencement of site works).

[17] *Sampling, Analysis and Quality Plan for Hazardous Ground Gas Assessment of the Nuclear Powered Submarine Construction Yard*, JBS&G Australia Pty Ltd, 11 November 2024 (JBS&G, 2024c).

Table 6.6 summarises the groundwater wells and concentrations exceeding the Tier 1 groundwater screening levels by area. These concentrations are displayed with corresponding groundwater well location in **Figure 10**.

It is noted that chemicals / physical parameters included for dewatering waste water assessment (including total nitrogen, ammonia, sulphate, chloride, TDS and turbidity) have not been included in **Table 6.6** or **Figure 10** as these chemicals were included in the analytical suite for assessment of dewatering waste water and were analysed in a limited number of wells only (in vicinity of Area 3), and where elevated, are likely to be naturally occurring rather than the result of an anthropogenic activity.

Table 6.6: Groundwater Concentrations Exceeding Tier 1 Screening Levels

Chemical	Number of Wells Exceeding Tier 1 Groundwater Screening Level (Total Number of Wells)	Range of Concentrations Exceeding Tier 1 Groundwater Screening Level(s) (mg/L)	Tier 1 Groundwater Screening Level Exceeded[#1]
Area 1			
Metals			
Arsenic	6 (8)	0.019 to 0.27	• Drinking water (0.01 mg/L)) • Freshwater (0.013 mg/L)
	4 (8)	0.15 to 0.27	• Recreation (0.1 mg/L) • Irrigation, long term (0.1 mg/L)
Chromium (III)	3 (8)	0.01 to 0.16	• Freshwater (0.0033 mg/L)
	1 (8)	0.16	• Marine water (0.027 mg/L • Irrigation, long term (0.1 mg/L)
Copper	2 (8)	0.026 to 0.028	• Marine water (0.0013 mg/L) • Freshwater (0.0014 mg/L)
Mercury	1 (8)	0.0017	• Drinking water (0.001 mg/L) • Marine water (0.0004 mg/L) • Freshwater (0.0006 mg/L)
Molybdenum	3 (8)	0.13 to 0.68	• Drinking water (0.05 mg/L) • Freshwater (0.034 mg/L) • Irrigation, long term (0.2 mg/L) • Irrigation, short term (0.05 mg/L)
	1 (8)	0.68	• Recreation (0.5 mg/L)
Nickel	7 (8)	0.021 to 0.56	• Drinking water (0.02 mg/L) • Freshwater (0.011 mg/L)
	4 (8)	0.13 to 0.56	• Marine water (0.07 mg/L)
	2 (8)	0.38 to 0.56	• Recreation (0.2 mg/L) • Irrigation, long term (0.2 mg/L)
Selenium	3 (8)	0.021 to 1.3	• Drinking water (0.01 mg/L) • Freshwater (0.011 mg/L) • Irrigation, long term (0.02 mg/L)
	2 (8)	0.098 to 1.3	• Irrigation, short term (0.05 mg/L)
	1 (8)	1.3	• Recreation (0.1 mg/L)
PFAS			
PFHxS	2 (8)	0.0001 to 0.00012	• Drinking water (0.00007 mg/L)
PFOS	1 (8)	0.00017	• Drinking water (0.00007 mg/L) • Marine water (0.00013 mg/L) • Freshwater (0.00013 mg/L)
Sum of PFHxS and PFOS	2 (8)	0.00014 to 0.00029	• Drinking water (0.00007 mg/L)

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Chemical	Number of Wells Exceeding Tier 1 Groundwater Screening Level (Total Number of Wells)	Range of Concentrations Exceeding Tier 1 Groundwater Screening Level(s) (mg/L)	Tier 1 Groundwater Screening Level Exceeded[#1]
Other			
Cyanide	3 (8)	0.057 to 0.59	• Drinking water (0.08 mg/L) • Freshwater (0.007 mg/L)
	2 (8)	0.083 to 0.59	• Recreation (0.8 mg/L)
Area 2			
Metals			
Arsenic	4 (4)	0.012 to 0.14	• Drinking water (0.01 mg/L))
	3 (4)	0.031 to 0.14	• Freshwater (0.013 mg/L)
	1 (4)	0.14	• Recreation (0.1 mg/L) • Irrigation, long term (0.1 mg/L)
Mercury	1 (4)	0.0025	• Drinking water (0.001 mg/L) • Marine water (0.0004 mg/L) • Freshwater (0.0006 mg/L) • Irrigation, short term (0.002 mg/L) • Irrigation, long term (0.002 mg/L)
Molybdenum	2 (4)	0.077 to 0.22	• Drinking water (0.05 mg/L) • Freshwater (0.034 mg/L) • Irrigation, long term (0.2 mg/L) • Irrigation, short term (0.05 mg/L)
Nickel	4 (4)	0.024 to 0.29	• Drinking water (0.02 mg/L) • Freshwater (0.011 mg/L)
	3 (4)	0.18 to 0.29	• Marine water (0.07 mg/L)
	1 (4)	0.29	• Recreation (0.2 mg/L) Irrigation, long term (0.2 mg/L)
Selenium	4 (4)	0.036 to 1.4	• Drinking water (0.01 mg/L) • Freshwater (0.011 mg/L) • Irrigation, long term (0.02 mg/L)
	3 (4)	0.1 to 1.4	• Irrigation, short term (0.05 mg/L)
	2 (4)	0.11 to 1.4	• Recreation (0.1 mg/L)
Other			
Phenol	1 (4)	0.61	• Marine water (0.4 mg/L) • Freshwater (0.32 mg/L)
Cyanide	2 (4)	0.067 to 0.15	• Freshwater (0.007 mg/L)
	1 (4)	0.15	• Drinking water (0.08 mg/L)
Area 3			
Metals			
Arsenic	1 (3)	0.14	• Drinking water (0.01 mg/L) • Freshwater (0.013 mg/L) • Recreation (0.1 mg/L) • Irrigation, long term (0.1 mg/L)
Selenium	2 (3)	0.014 to 0.021	• Drinking water (0.01 mg/L) • Freshwater (0.011 mg/L)
	1 (3)	0.021	• Irrigation, long term (0.02 mg/L)

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Assessment of Dewatering Waste Water

A number of COPCs were reported above the EPA 1093/21 (EPA, 2021) dewatering criteria, including the following:

- Total nitrogen;
- Total phosphate;
- pH
- Dissolved oxygen;
- Salinity (discharge to freshwater environment only); and
- Turbidity.

In addition, a number of other chemicals for which criteria are not provided by EPA 1093/21 (EPA, 2021) were reported at elevated concentrations exceeding the LOR, including the following:

- PFAS (PFHxS, PFOS, PFPeA, PFHxA, PFHpA, perfluorooctanoic acid [PFOA] and PFNA);
- TRH (biogenic);
- Phenols (phenol, cresol and 2-methylphenol);
- Methane;
- Methyl ethyl ketone,
- Cyanide;
- Acetone; and
- Oil and grease.

Given the above, it is likely that dewatering waste water will require treatment prior to disposal to marine or freshwater. Dewatering requirements will be detailed in a DMP which will be prepared for the dewatering activities in accordance with EPA 1093/21 (EPA, 2021) by a suitably qualified professional.

6.4.5 Discussion of Groundwater Results

Despite being reported at elevated concentrations (above adopted Tier 1 groundwater screening levels for relevant environmental values of groundwater), the majority of chemicals (including PFAS, toluene, naphthalene, acetone, methyl ethyl ketone and cyanide) were reported at concentrations below the laboratory LOR in soil, indicating there is no evidence of soil being a source of contamination to groundwater at the subject site. Whilst metals were reported above the laboratory LOR in soil, these concentrations appear to be similar (i.e. within the same order of magnitude) and hence generally indicative of ambient background concentrations with the exception of a small number of locations (less than ten) where higher concentrations were reported. It is noted that while these elevated metals concentrations were higher than the majority of results across the site, they were below both ecological and human health criteria for commercial / industrial landuse with the exception of lead (one location) and copper (one location). This number of elevated metals concentrations (less than 10 samples) is considered minor given the large number of samples analysed (in excess of 390 across the subject site [Area 1 to C]), and unlikely to have resulted in impacts to groundwater. Given the above soil results, it is considered unlikely that the reported site contamination of groundwater is attributed to the key PCA identified at the site (importation of fill).

Of the remaining PCAs identified in the site history, presence of wetlands / detention basins is the only PCA which has the potential to be associated with the reported site contamination of groundwater. However, it is unlikely the documented site contamination of groundwater (with the potential exception of PFAS) is associated with this PCA as the distribution of metals, cyanide and phenol is not indicative of impacts from the wetlands / detention basins on CT DD (Area 1).

PFAS was reported at higher concentrations and in more wells across Area 1 than Area 2 / C, and hence this distribution could be associated with the wetlands / detention basins, depending on their construction (i.e. if not suitably lined). It is noted that PFAS has been reported previously at similar concentrations at the ASC

South site, which is adjacent to the site to the east, and in the Port River[18], noting these concentrations were lower than those reported at the subject site.

Methane was reported at elevated concentrations in the majority of wells (mainly Area 1 and 2). Whilst there are no screening levels provided by the adopted sources for assessment of methane and it is unlikely to present a risk via the direct contact pathway, methane is a volatile chemical and has the potential to impact the project (both construction and operation) via the vapour pathway. Further assessment of hazardous ground gas (HGG) across the site has been outlined in a SAQP (JBS&G, 2024b; to be implemented prior to commencement of site works).

A S83A notification of groundwater has been prepared for EPA on the basis of these results, as site contamination of groundwater has been reported. It is noted S83A notifications have previously been provided for the subject site (Areas 1 to 3).

6.4.6 Summary of Groundwater Investigation Outcomes

The following key outcomes are noted regarding groundwater at the subject site (Area 1 to Area 3):

- Site contamination of groundwater exists across the site, with a number of chemicals reported at concentrations above the adopted Tier 1 groundwater screening levels for relevant environmental values of groundwater. A S83A notification of groundwater has been prepared for EPA on the basis of these results;
- With the potential exception of PFAS, the site contamination is unlikely to be site derived on the basis of the site history and reported soil concentrations. PFAS was reported at higher concentrations and in more wells across Area 1 than Area 2 and 3, and hence this distribution could be associated with the wetlands / detention basins, depending on their construction (i.e. if not suitably lined);
- Methane was reported at elevated concentrations in the majority of wells (mainly Area 1 and 2). Whilst there are no screening levels provided by the adopted sources for assessment of methane and it is unlikely to present a risk via the direct contact pathway, methane is a volatile chemical and has the potential to impact the project (both construction and operation) via the vapour pathway. Further assessment of HGG across the site has been outlined in a SAQP (JBS&G, 2024b; to be implemented prior to commencement of site works); and
- It is likely that dewatering waste water will require treatment prior to disposal to marine or freshwater, due to elevated concentrations of a number of chemicals reported in the Q1 aquifer which exceed the criteria provided by EPA 1093/21 (EPA, 2021). Assessment of the Q2 aquifer has not been undertaken to date, however, will be undertaken prior to commencement of site works (scope outlined in JBS&G, 2024a). Dewatering requirements will be detailed in a DMP which will be prepared for the dewatering activities in accordance with EPA 1093/21 (EPA, 2021) by a suitably qualified professional.

[18] *Per and polyfluorinated alkyl substances (PFAS) in the marine environment, Preliminary ecological findings,* Environment Protection Authority South Australia, March 2017 (EPA 2017).

7. Conceptual Site Model

The ASC NEPM (NEPC 2013) identifies a conceptual site model (CSM) as a representation of site related information regarding contamination sources, receptors and exposure pathways between those sources and receptors. The development of a CSM is an essential part of all site assessments.

The essential elements of a CSM (as outlined in the ASC NEPM [NEPC 2013]) include:

- Known and potential sources of contamination and contaminants of concern;
- Potentially affected media (soil, sediment, groundwater, surface water, indoor or ambient air);
- Land use and building design;
- Preferential pathways for vapour intrusion (where volatile chemicals are contaminants of concern);
- Human and ecological receptors; and
- Potential and complete exposure pathways.

The CSM is presented in **Table 7.1.**

Table 7.1: Conceptual Site Model

Element of CSM	Discussion
Potential sources of contamination on site	A number of PCAs were identified in the limited PSI, including the following: <u>Moderate risk</u> • Fill or soil importation – onsite (sitewide) • Dredge spoil disposal or storage – onsite (Area 3) <u>Low to moderate risk</u> • Wetlands or detention basins – onsite; historic (sitewide) and current (CT DD) • Potential burial of asbestos containing materials – onsite, confirmed for CT DD, potential for sitewide • Fill or soil importation – offsite, across the broader northern LeFevre Peninsula <u>Low risk</u> • Railway operations – offsite, between CT DD and CT EE and west of Area 2 • Fuel terminal (Ampol Fuel Terminal Pelican Point) – offsite, adjacent to Areas 1 and 2 • Historical fuel / oil terminal – offsite; formerly present north-west of Area 1 and west of Area 2 • Electricity generation or power plants (Pelican Point Power Station) – offsite; adjacent to Areas 2 and 3 The soil investigation completed herein targeted the PCAs identified onsite, and did not identify significant contamination. The groundwater investigation completed herein also targeted the PCAs identified onsite. Whilst site contamination of groundwater exists across the site, the site contamination is unlikely to be site derived (with the possible exception of PFAS), on the basis of the site history and reported soil concentrations. PFAS was reported at higher concentrations and in more wells across Area 1 than Area 2 and 3, and hence this distribution could be associated with the current wetlands / detention basins on CT DD, depending on their construction (i.e. if not suitably lined).

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Element of CSM	Discussion
Contaminants of potential concern (COPCs) associated with the potential sources of contamination	A broad range of COPCs may be associated with the identified PCAs outlined above, including: • Heavy metals • Organotins • Cyanide • PFAS • Acid sulfate soils • TRH • BTEXN • PAH • OCP/OPP • Asbestos • Phenols • MTBE
Potentially affected media	Soil was considered to be the most likely media to be impacted, however, the soil investigation completed herein did not identify significant soil contamination. Groundwater had the potential to be impacted due to the shallow depth to groundwater (below 0.5 mbgl in Area 3, generally between 1 mbgl and 2 mbgl across the remainder of the site). As outlined above, whilst site contamination of groundwater exists across the site, the site contamination is unlikely to be site derived (with the possible exception of PFAS), on the basis of the site history and reported soil concentrations. PFAS was reported at higher concentrations and in more wells across Area 1 than Area 2 and 3, and hence this distribution could be associated with the current wetlands / detention basins on CT DD, depending on their construction (i.e. if not suitably lined). Volatile chemicals were not reported in soil at elevated concentrations, however, methane was reported in groundwater at elevated concentrations in the majority of wells. While this is likely to be naturally occurring rather than a result of PCAs at the site, methane is a volatile compound and has the potential to impact the project (both construction and operation) via the vapour pathway. Further assessment of HGG across the site has been outlined in a SAQP (JBS&G, 2024b; to be implemented prior to commencement of site works.
Human and ecological receptors	The following human receptors were identified under the current / future land use (commercial / industrial): • On site workers (site operation); • Construction workers (during the construction program); and • Sub-surface maintenance workers (site operation). The following ecological receptors were identified under the current / future land use (commercial / industrial): • Native flora and fauna (relevant in the marine environment, likely to be limited in the terrestrial environment); • Introduced flora and fauna (relevant in the marine environment, likely to be limited in the terrestrial environment); • Transitory wildlife (relevant in the marine environment, likely to be limited in the terrestrial environment); and • Biota supporting ecological processes (relevant in both marine and terrestrial environment).

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Element of CSM	Discussion
Potential exposure pathways for human receptors	The following potential exposure pathways for human receptors have been identified: <u>Onsite workers (site operation)</u> • Dermal contact with soil; • Incidental ingestion of soil; • Inhalation of dust; and • Vapour intrusion. <u>Construction workers (during the construction program)</u> • Dermal contact with soil; • Incidental ingestion of soil; • Inhalation of dust; • Dermal contact with groundwater; • Incidental ingestion of groundwater; and • Vapour intrusion; and • Explosive risks due to methane. <u>Sub-surface maintenance workers (site operation)</u> • Dermal contact with soil; • Incidental ingestion of soil; • Inhalation of dust; • Vapour intrusion; and • Explosive risks due to methane. All other exposure pathways have been excluded, assuming groundwater will not be extracted for beneficial purposes once the site has been developed.

Potential exposure pathways for ecological receptors	The following potential exposure pathways for ecological receptors have been identified:
	<u>Marine receptors</u>
	• Marine receptors within the Port River may be exposed to groundwater at the site due to:
	  o Impacted groundwater interaction with the Port River as a result of natural tidal movement; and
	  o Additional movement of impacted groundwater towards the Port River due to dewatering activities.
	• The following potential exposure pathways are relevant for ecological receptors in the Port River:
	  o Direct contact; and
	  o Food web exposure (for bioaccumulative chemicals).
	<u>Terrestrial environment</u>
	• Direct contact with soil;
	• Direct contact with groundwater; and
	• Food web exposure (for bioaccumulative chemicals).

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8. Conclusions and Recommendations

Based on the investigation detailed herein, and subject to the limitations in **Section 10**, the following was concluded:

Soil

- All soil results were below the adopted Tier 1 human health screening levels for commercial / industrial landuse with the exception of lead at one location (Area 2, CT S – shown in **Figure 6**) which exceeded both human health and ecological criteria. Further investigation of lead in vicinity of SB127 is considered warranted to assess the extent of the elevated lead concentrations;
- With the exception of copper at one location (Area 1, CT EE), TRH at one location (Area 3, CT EE), and the elevated lead concentration in Area 2 discussed above (shown in **Figure 6**), all soil results were below the adopted Tier 1 ecological screening levels for commercial / industrial landuse. The marginally elevated copper result was not considered to be significant in the context of the proposed landuse, while the elevated TRH was considered to be biogenic;
- The following indicative offsite disposal / reuse chemical classifications apply (shown graphically in **Figure 7**):
    - The majority of soil borehole locations (208 of a total of 223 locations) reported results below Waste Fill criteria for offsite disposal / reuse, with surplus soils from these locations having an indicative chemical classification of Waste Fill;
    - 13 soil borehole locations (of a total of 223 locations) reported results above Waste Fill criteria but below Intermediate and Low Level criteria. Soils in vicinity of these locations have an indicative chemical classification of Intermediate, however, may potentially be classified as Waste Fill depending on the extent of surplus soils and the number of samples analysed; and
    - Two soil borehole locations (of a total of 223 locations) reported results above Intermediate criteria but below Low Level criteria. Surplus soils from this portion have an indicative chemical classification of Low Level. It is highlighted that the elevated TRH reported at one location was considered to be biogenic.
- Laboratory analytical testing did not identify the presence of AASS or PASS materials at the site, noting testing was restricted to the upper 3 m of site soils. Further assessment ASS at depths beyond 3 mbgl is outlined by JBS&G (2024a; to be implemented prior to the commencement of site works).

Groundwater

- Site contamination of groundwater exists across the site, with a number of chemicals reported at concentrations above the adopted Tier 1 groundwater screening levels for relevant environmental values of groundwater. A S83A notification of groundwater has been prepared for EPA on the basis of these results;
- With the potential exception of PFAS, the site contamination is unlikely to be site derived on the basis of the site history and reported soil concentrations. PFAS was reported at higher concentrations and in more wells across Area 1 than Area 2 / C, and hence this distribution could be associated with the wetlands / detention basins on CT DD (Area 1), depending on their construction (i.e. if not suitably lined);
- Methane was reported at elevated concentrations in the majority of wells (mainly Area 1 and 2). Whilst there are no screening levels provided by the adopted sources for assessment of methane and it is unlikely to present a risk via the direct contact pathway, methane is a volatile chemical and has the potential to impact the project (both construction and operation) via the vapour pathway. Further assessment of HGG across the site has been outlined in a SAQP (JBS&G, 2024b; to be implemented prior to commencement of site works); and
- It is likely that dewatering waste water will require treatment prior to disposal to marine or freshwater, due to elevated concentrations of a number of chemicals reported in the Q1 aquifer which exceed the criteria provide by EPA 1093/21 (EPA, 2021). Assessment of the Q2 aquifer has not been

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undertaken to date, however, will be undertaken prior to commencement of site works (scope outlined in JBS&G, 2024a). Dewatering requirements will be detailed in a DMP which will be prepared for the dewatering activities in accordance with EPA 1093/21 (EPA, 2021) by a suitably qualified professional.

The offsite disposal / reuse classifications are indicative, and any surplus soils classified for offsite disposal / reuse must meet sampling density requirements which are based on volumes for offsite disposal / reuse. It is recommended any additional sampling be undertaken once development plans have been progressed and potential offsite disposal / reuse volumes are better understood. It is highlighted that additional testing may alter the classification of these materials.

While the concentrations reported were generally below the Tier 1 screening levels for commercial / industrial landuse, construction workers are at increased exposure to these soils during construction works compared to a commercial / industrial worker. To address this, and also manage unexpected finds, a Construction Environmental Management Plan (CEMP) is required.

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9. Data Gap Analysis

The data gaps outlined in **Table 9.1** have been identified.

Table 9.1: Summary of Identified Data Gaps

Data Gap	Detail
Extent of lead on Portion S	Elevated lead exceeding both human health and ecological criteria for commercial / industrial landuse was reported at one location on Area 2 (CT S; SB127). The extent of elevated lead should be assessed to determine whether these elevated concentrations are wide-spread and/or are suitable to remain onsite under the proposed development – this data gap is to be assessed in accordance with JBS&G (2024a; to be implemented prior to commencement of site works).
Soil investigation of the Former Ferrocut site	Access to the Former Ferrocut site was not possible during the site works program undertaken in May / June 2024, and hence the four soil boreholes proposed for this portion of the site were unable to be drilled and sampled. This data gap is to be assessed in accordance with JBS&G (2024a; to be implemented prior to commencement of site works).
Assessment of methane in the vapour phase	Methane was reported at elevated concentrations in the majority of groundwater wells across the site. Methane is a volatile chemical and has the potential to impact the project (both construction and operation) via the vapour pathway. This data gap is to be assessed in accordance with JBS&G (2024b; to be implemented prior to commencement of site works).
Assessment of PASS and ASS in deeper soils (i.e. at depths greater than 3 mbgl) in areas where dewatering is likely to be required	The assessment depth of PASS / ASS to date of depths up to 3 mbgl is considered suitable for the majority of the subject site, with the exception of Area 3 where significant dewatering is likely to be required. Further assessment of PASS / ASS to the proposed depth of excavation in Area 3 should be undertaken – this data gap is to be assessed in accordance with JBS&G (2024a; to be implemented prior to commencement of site works).
No assessment of the deeper aquifers	Assessment of the Q1 aquifer is appropriate for the assessment of the site contamination status of the site. Significant excavation (up to 20 mbgl) is proposed for Area 3 and the second Quaternary aquifer (Q2) is likely to be encountered during construction works. Furthermore, dewatering from both the Q1 and Q2 aquifers is likely to be required. To this end, an assessment of the Q2 aquifer should be undertaken to inform disposal options for dewatering waste water – this data gap is to be assessed in accordance with JBS&G (2024a; to be implemented prior to commencement of site works).

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10. Limitations

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

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

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

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

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

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

At time of writing and parallel to this assessment, it is understood the Siting and Site Evaluation Report (SSER) was being prepared for the SCY site. The SSER documents and characterises the natural and human induced hazards that could affect the safety of the nuclear licenced activities where they occur at the site. The results of any assessment works undertaken as part of the SSER have not been shared with JBS&G, and there is potential these results could affect the understanding of the site contamination status of the site documented herein.

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Figures

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Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS

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Job No: 67064	
Client: URPS	
Version: FINAL	Date: 05-Nov-2024
Drawn By: JS	Checked By: KL
Scale 1:15,000	

0 250 500
Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

LOCATION OF THE NUCLEAR-POWERED SUBMARINE CONSTRUCTION YARD (OSBORNE)

FIGURE 1

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_01_Location of Nuclear Submarine Construction Yard (Osborne)
Reference: ESRI Imagery Hybrid Basemap - Accessed Imagery: 05/11/2024 & www.nearmap.com - Imagery Date: 4/05/2024

Map Reference	Certificate of Title
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B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
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EE	CT|6262|182
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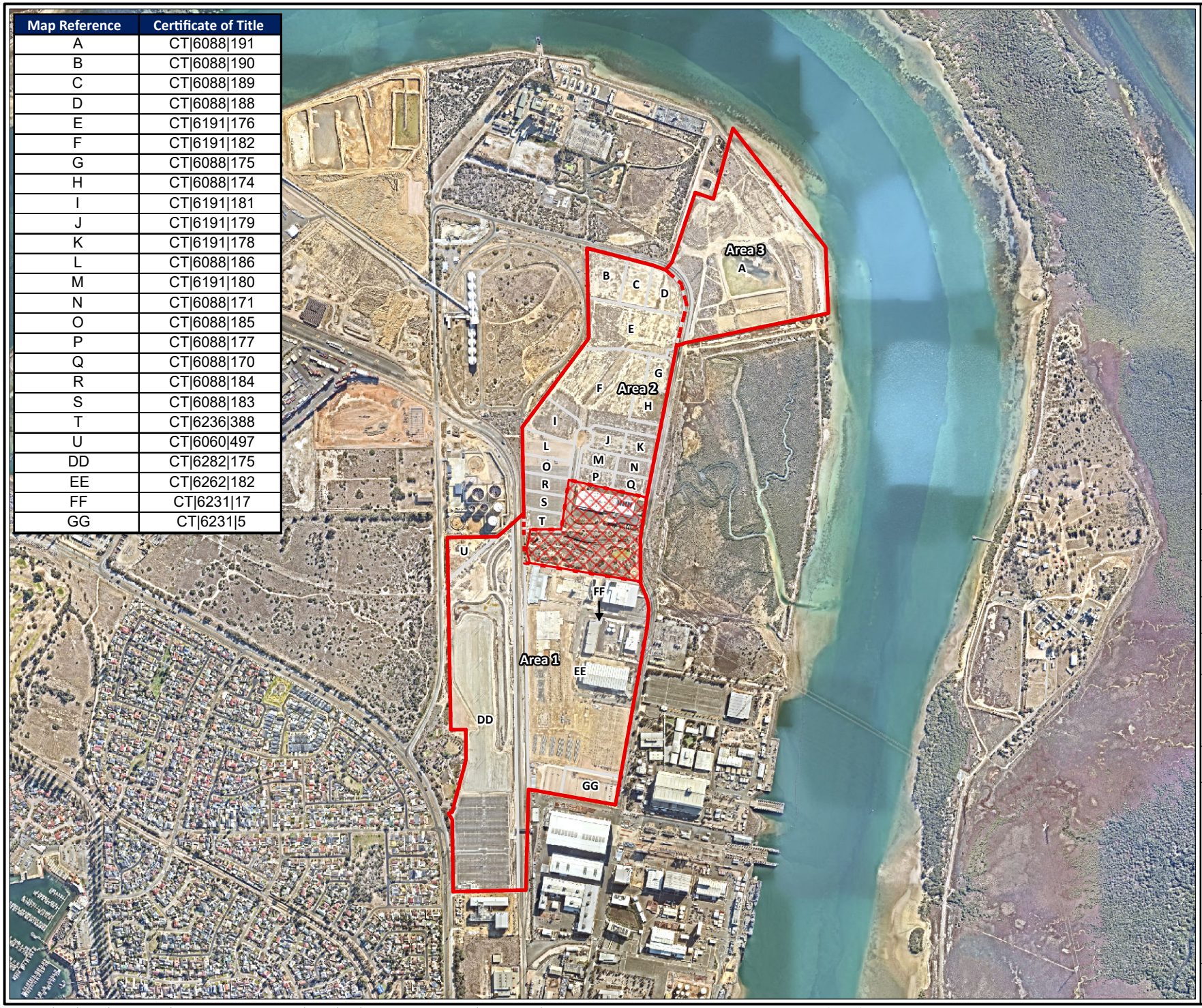


Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 05-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:16,000

0 250 500

Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

CERTIFICATE OF TITLE BOUNDARIES

FIGURE 2

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_02_Certificates Of Title
Reference: www.nearmap.com - Imagery Date: 4/05/2024

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 07-Nov-2024
Drawn By: JS	Checked By: KL
Scale 1:16,000	

0 250 500
Metres

Coord. Sys. GDA2020 MGA Zone 54

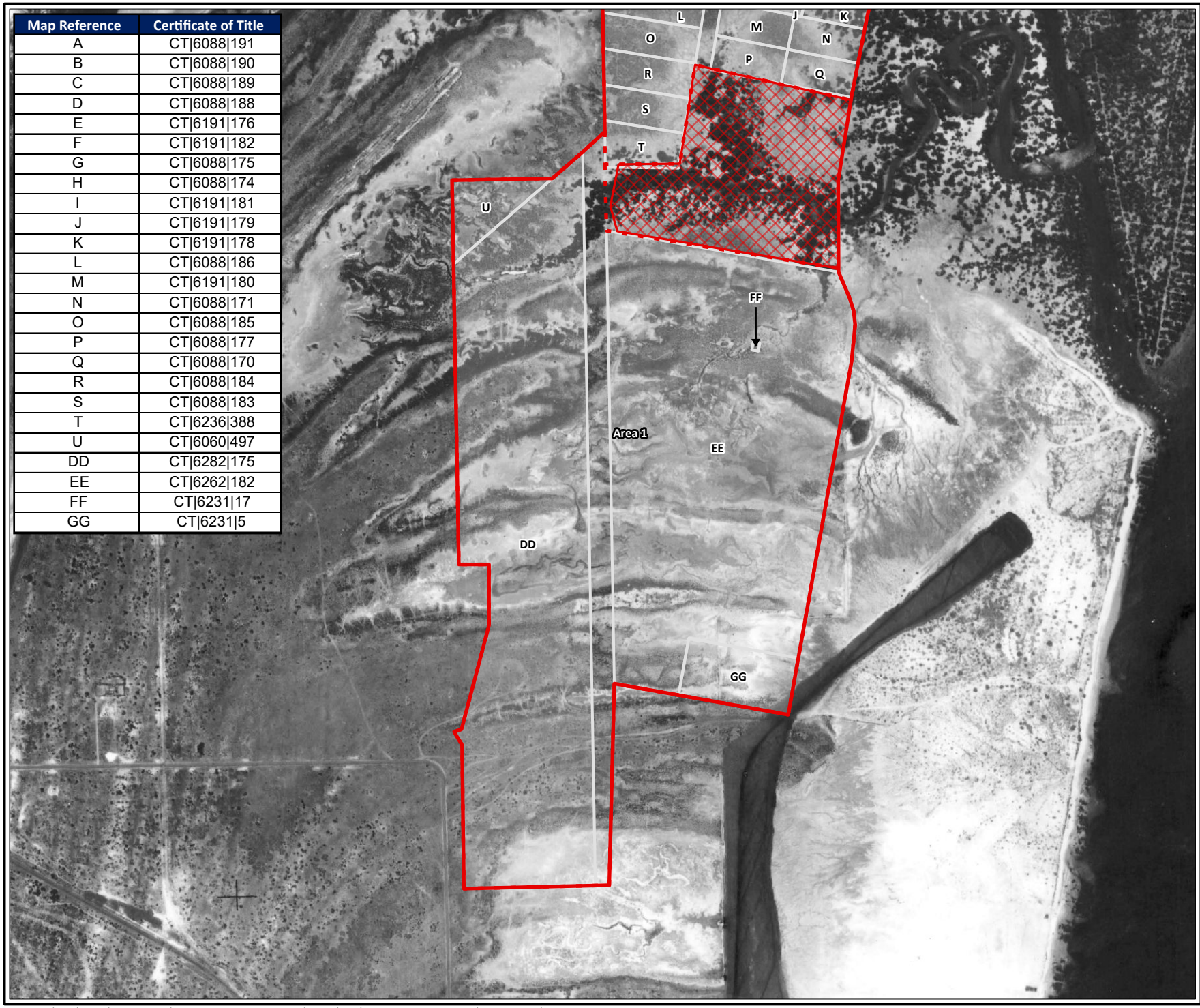
Osborne, South Australia

SURROUNDING LAND USE

FIGURE 3

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_03_SurroundingLandUse
Reference: www.nearmap.com - Imagery Date: 4/05/2024

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:8,000

0 150 300

Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

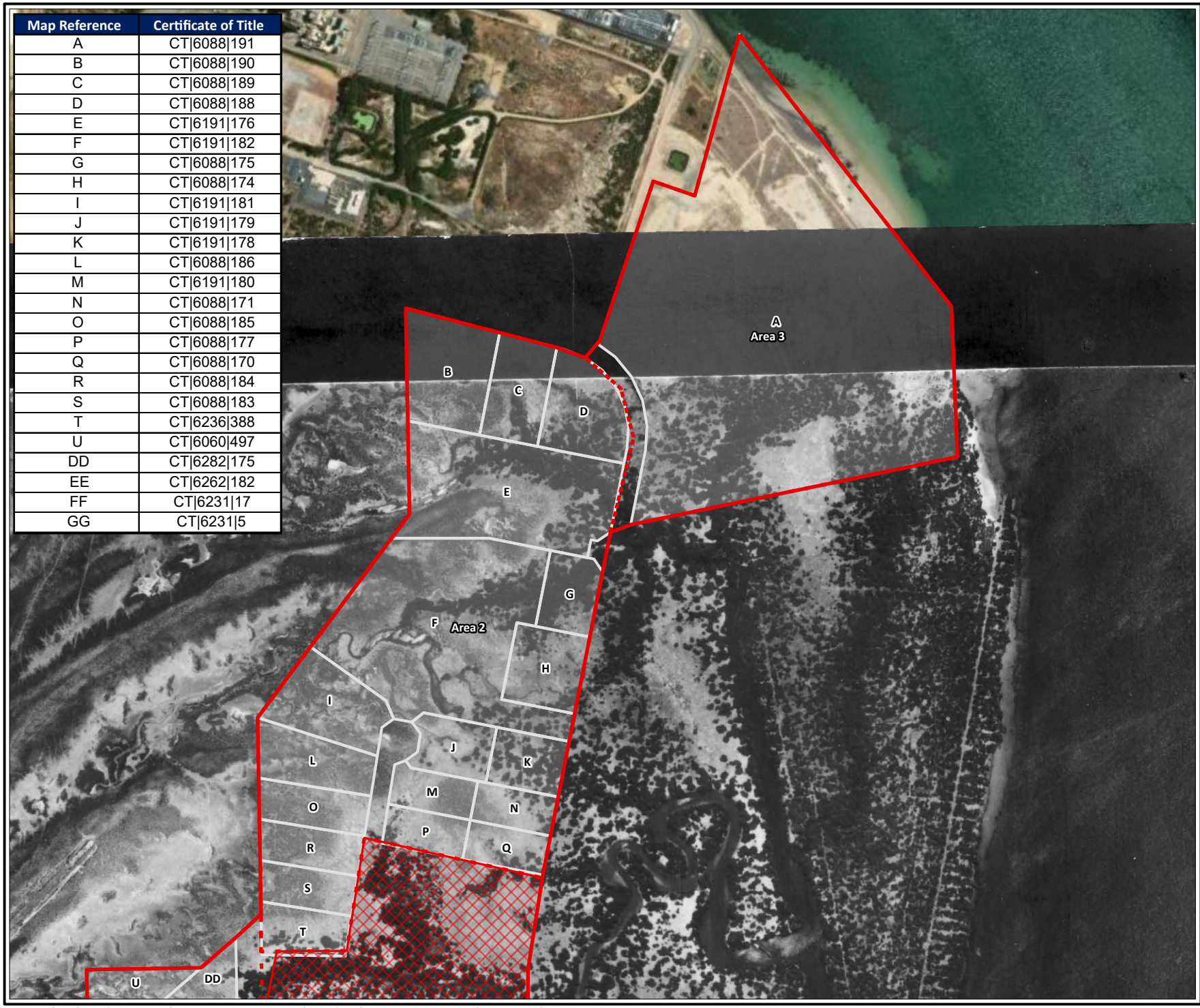
HISTORICAL AERIAL - 1949 (AREA 1)

FIGURE 4A

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04a_HistoricalAerials_1949 Area 1

Reference: South Australian Department of Environment, Water and Natural Resources (Mapland) © 1949

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:7,000

0 150 300

metres

Coord. Sys. GDA2020 MGA Zone 54

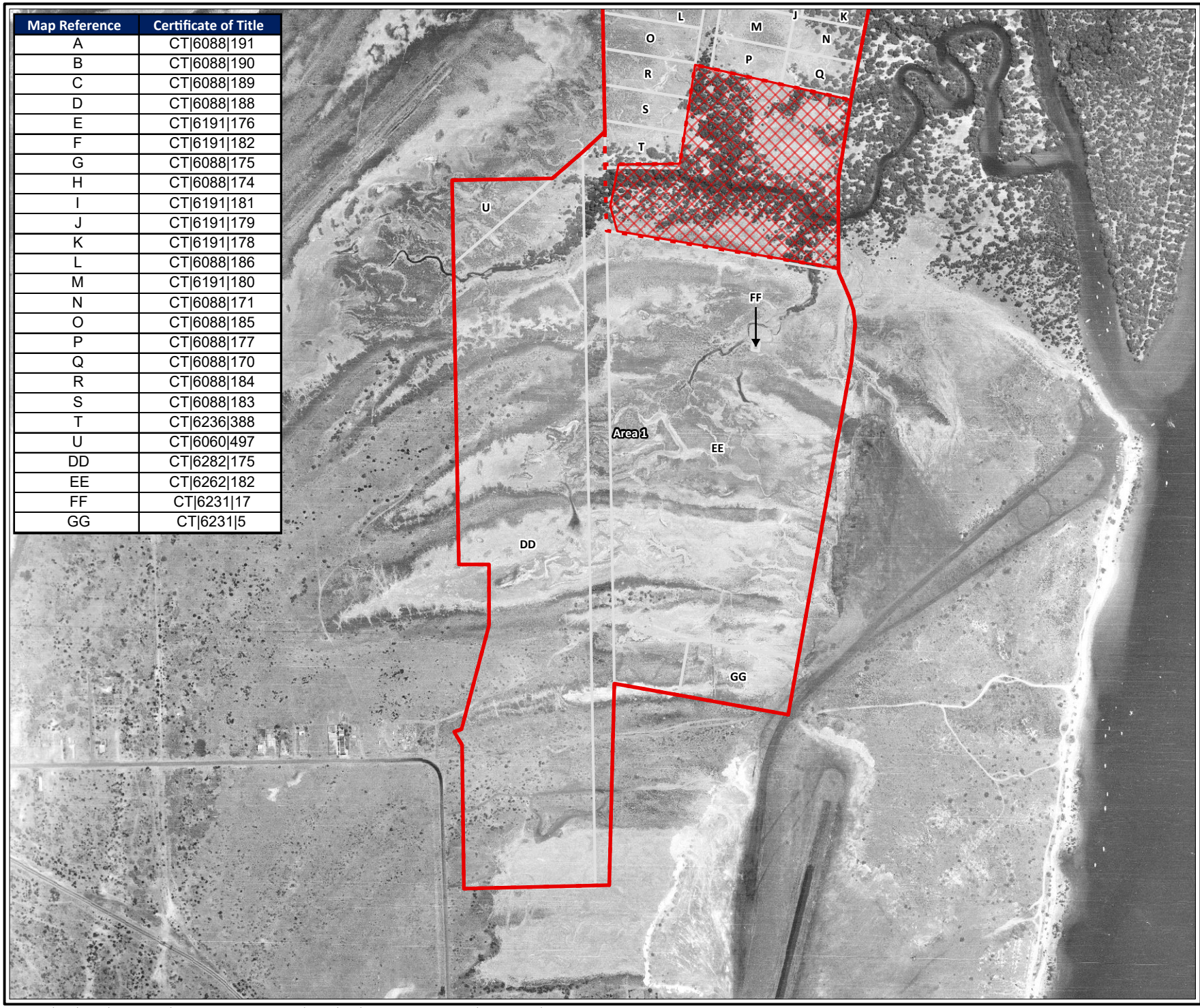
Osborne, South Australia

HISTORIC AERIAL - 1949 (AREA 2 AND 3)

FIGURE 4B

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04b_HistoricalAerials_1949 Area 2 & 3
South Australian Department of Environment, Water and Natural Resources (Mapland) - Image Date: 1949

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:8,000

0 150 300

Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

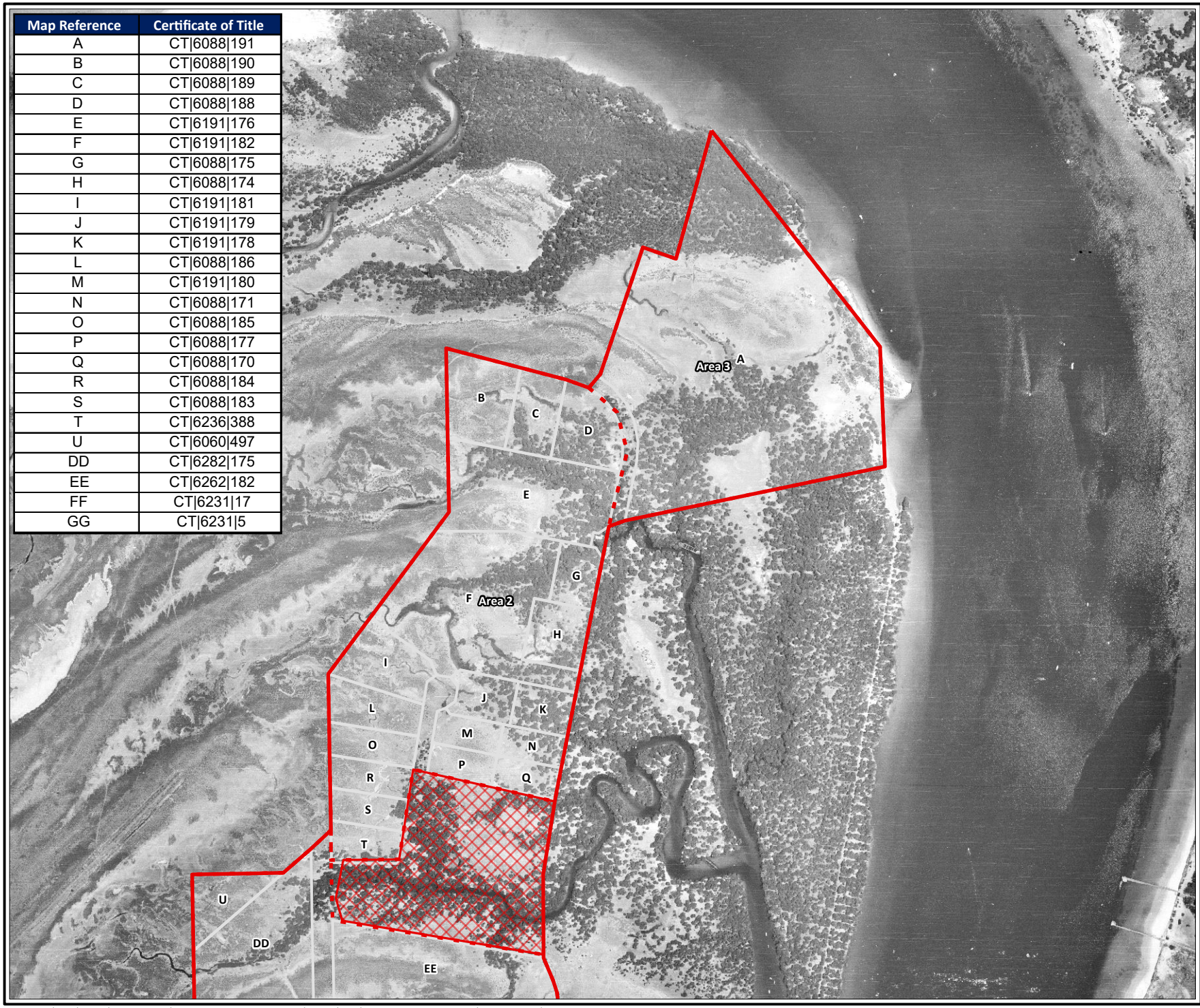
HISTORICAL AERIAL - 1959 (AREA 1)

FIGURE 4C

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04c_HistoricalAerials_1959 Area 1

Reference: South Australian Department of Environment, Water and Natural Resources (Mapland) © 1959

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:8,800

0 150 300

metres

Coord. Sys. GDA2020 MGA Zone 54

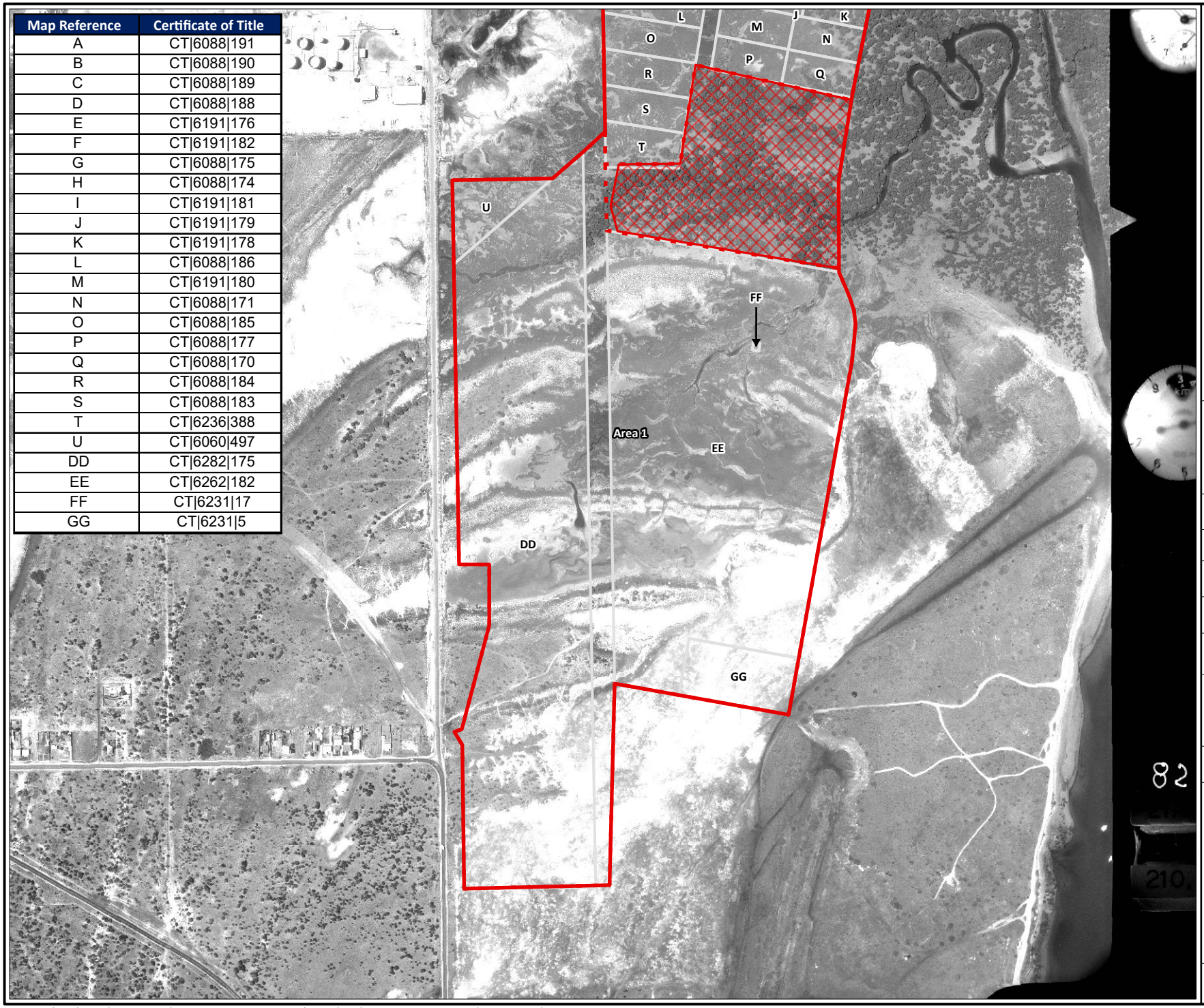
Osborne, South Australia

HISTORIC AERIAL - 1959 (AREA 2 AND 3)

FIGURE 4D

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04d_HistoricalAerials_1959 Area 2 & 3
South Australian Department of Environment, Water and Natural Resources (Mapland) - Image Date: 1959

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:8,000

0 150 300

Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORICAL AERIAL - 1969 (AREA 1)

FIGURE 4E

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04e_HistoricalAerials_1969 Area 1

Reference: South Australian Department of Environment, Water and Natural Resources (Mapland) © 1969

Map Reference	Certificate of Title
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B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
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I	CT|6191|181
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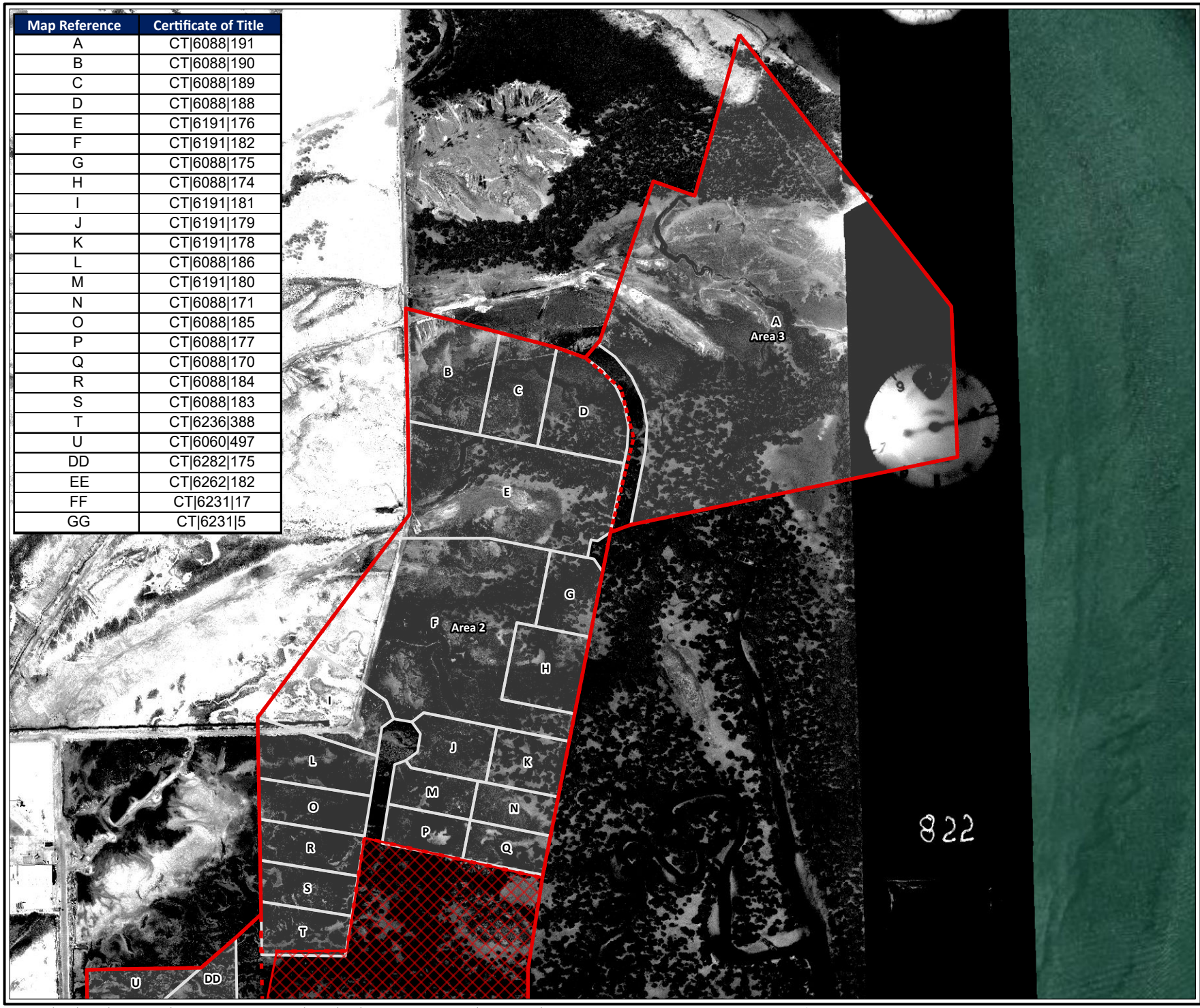
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:7,000

0 150 300

metres

Coord. Sys. GDA2020 MGA Zone 54

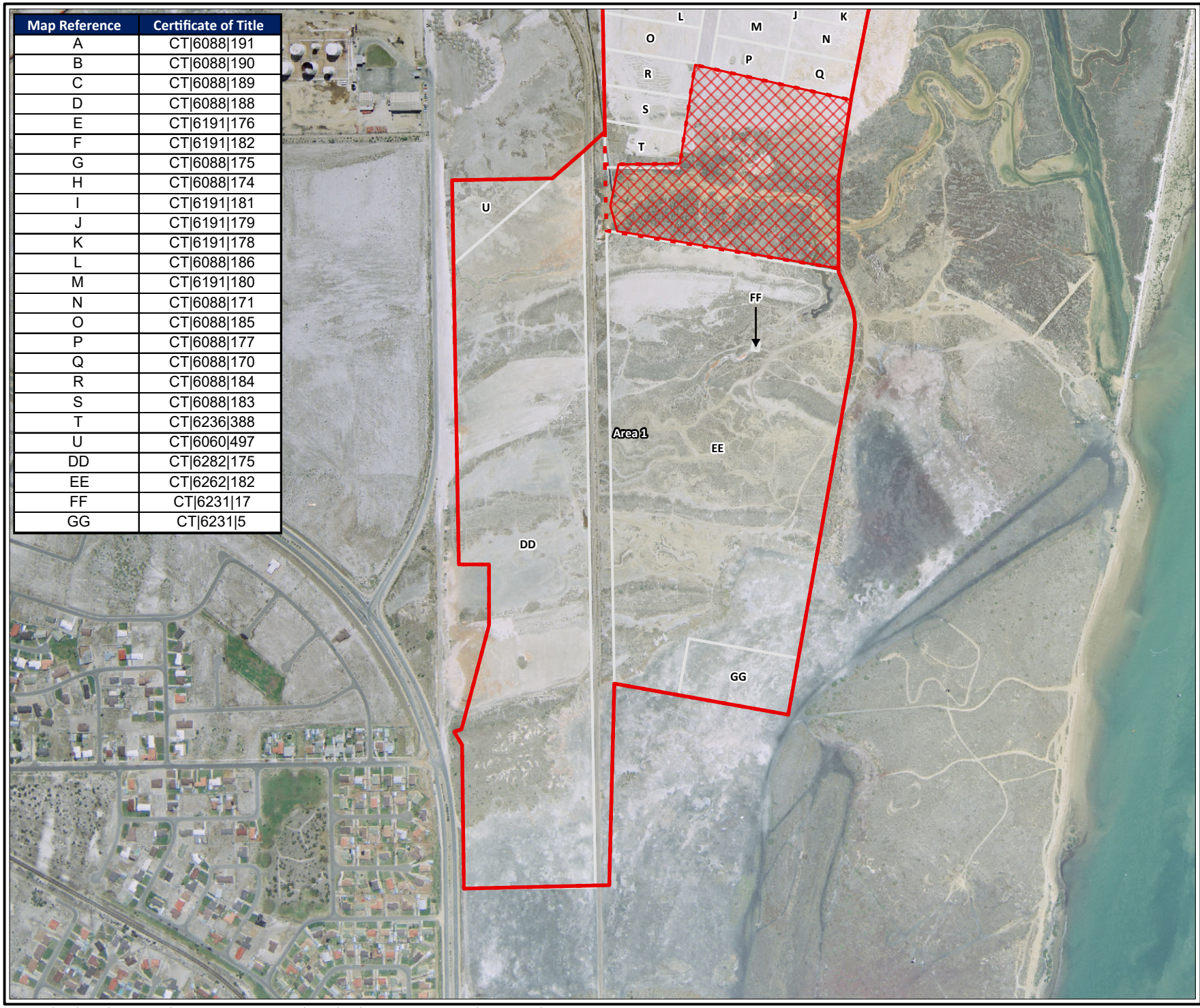
Osborne, South Australia

HISTORIC AERIAL - 1969 (AREA 2 AND 3)

FIGURE 4F

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04f_HistoricalAerials_1969 Area 2 & 3
South Australian Department of Environment, Water and Natural Resources (Mapland) - Image Date: 1969

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:8,000

0 150 300

Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORICAL AERIAL - 1979 (AREA 1)

FIGURE 4G

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04g_HistoricalAerials_1979 Area 1

Reference: South Australian Department of Environment, Water and Natural Resources (Mapland) © 1979

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
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H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
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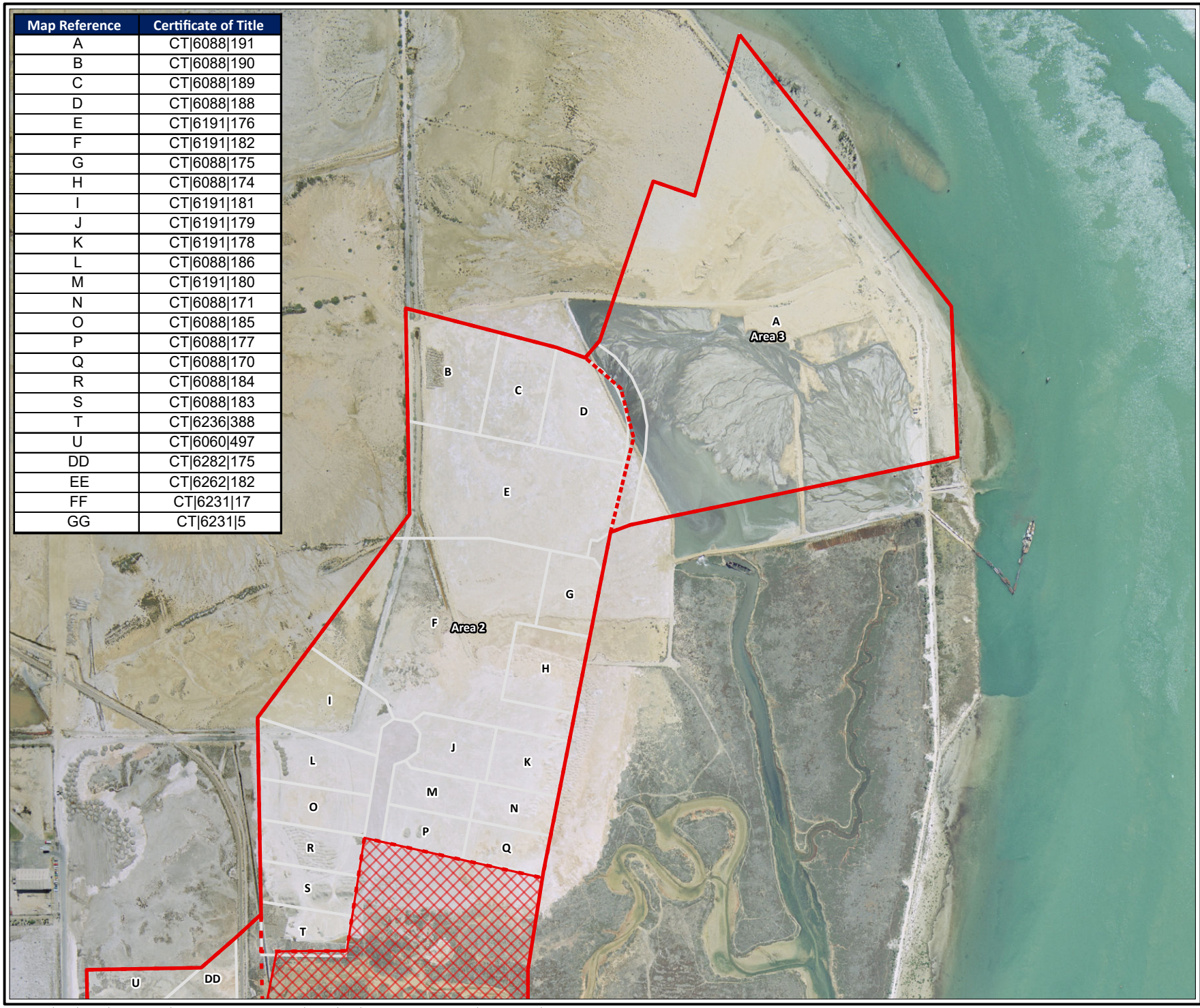
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:7,000

0 150 300
metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORIC AERIAL - 1979 (AREA 2 AND 3)

FIGURE 4H

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04h_HistoricalAerials_1979 Area 2 & 3
South Australian Department of Environment, Water and Natural Resources (Mapland) - Image Date: 1979

Map Reference	Certificate of Title
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D	CT|6088|188
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F	CT|6191|182
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H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
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S	CT|6088|183
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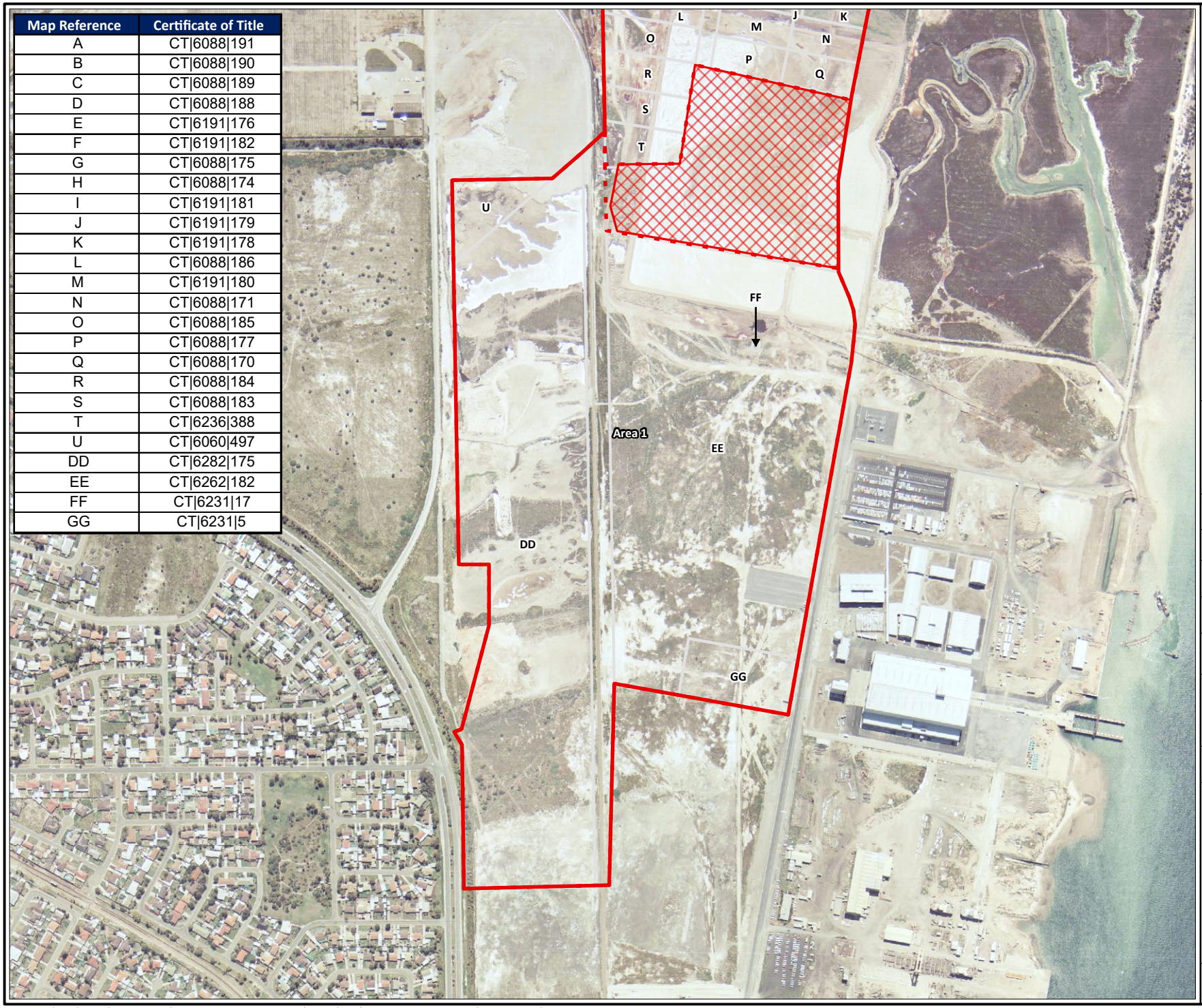

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:8,000

0 150 300

Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORICAL AERIAL - 1989 (AREA 1)

FIGURE 4E

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04i_HistoricalAerials_1989 Area 1

Reference: South Australian Department of Environment, Water and Natural Resources (Mapland) © 1989

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
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H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
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S	CT|6088|183
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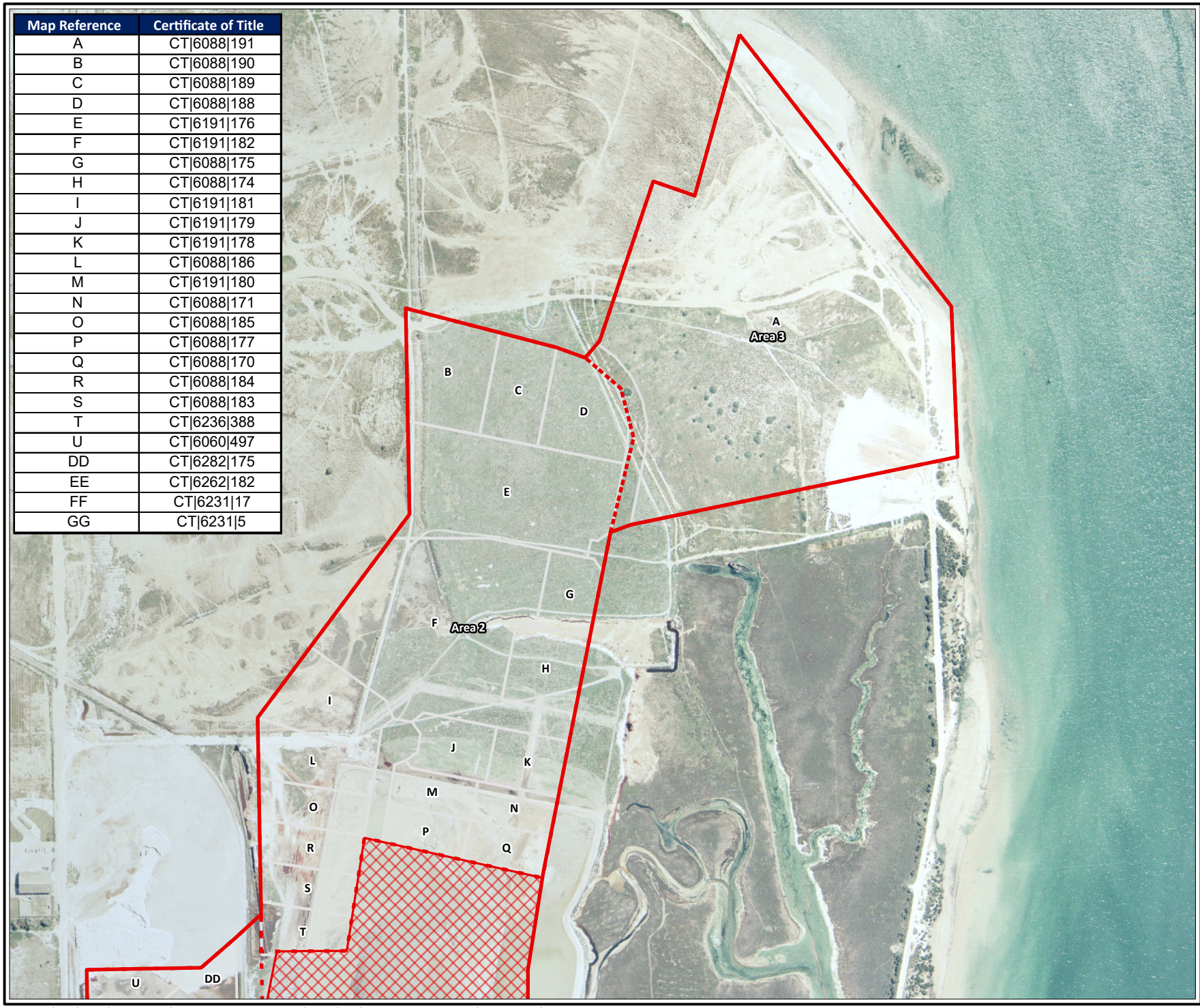
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:7,000

0 150 300

metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORIC AERIAL - 1989 (AREA 2 AND 3)

FIGURE 4J

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04j_HistoricalAerials_1989 Area 2 & 3
South Australian Department of Environment, Water and Natural Resources (Mapland) - Image Date: 1989

Map Reference	Certificate of Title
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B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
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N	CT|6088|171
O	CT|6088|185
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S	CT|6088|183
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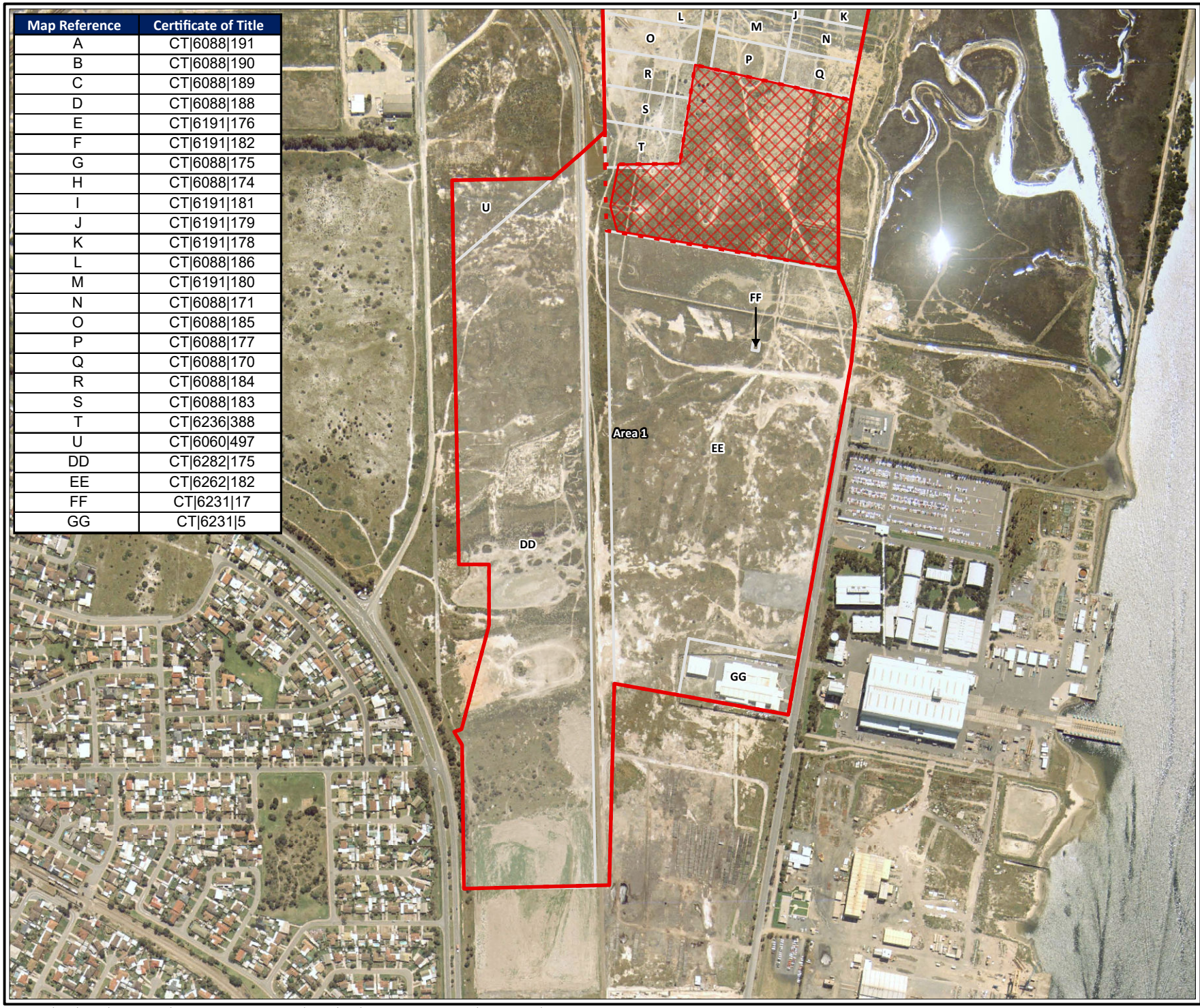

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:8,000

0 150 300

Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORICAL AERIAL - 1999 (AREA 1)

FIGURE 4K

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04k_HistoricalAerials_1999 Area 1

Reference: South Australian Department of Environment, Water and Natural Resources (Mapland) © 1999

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
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H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
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DD	CT|6282|175
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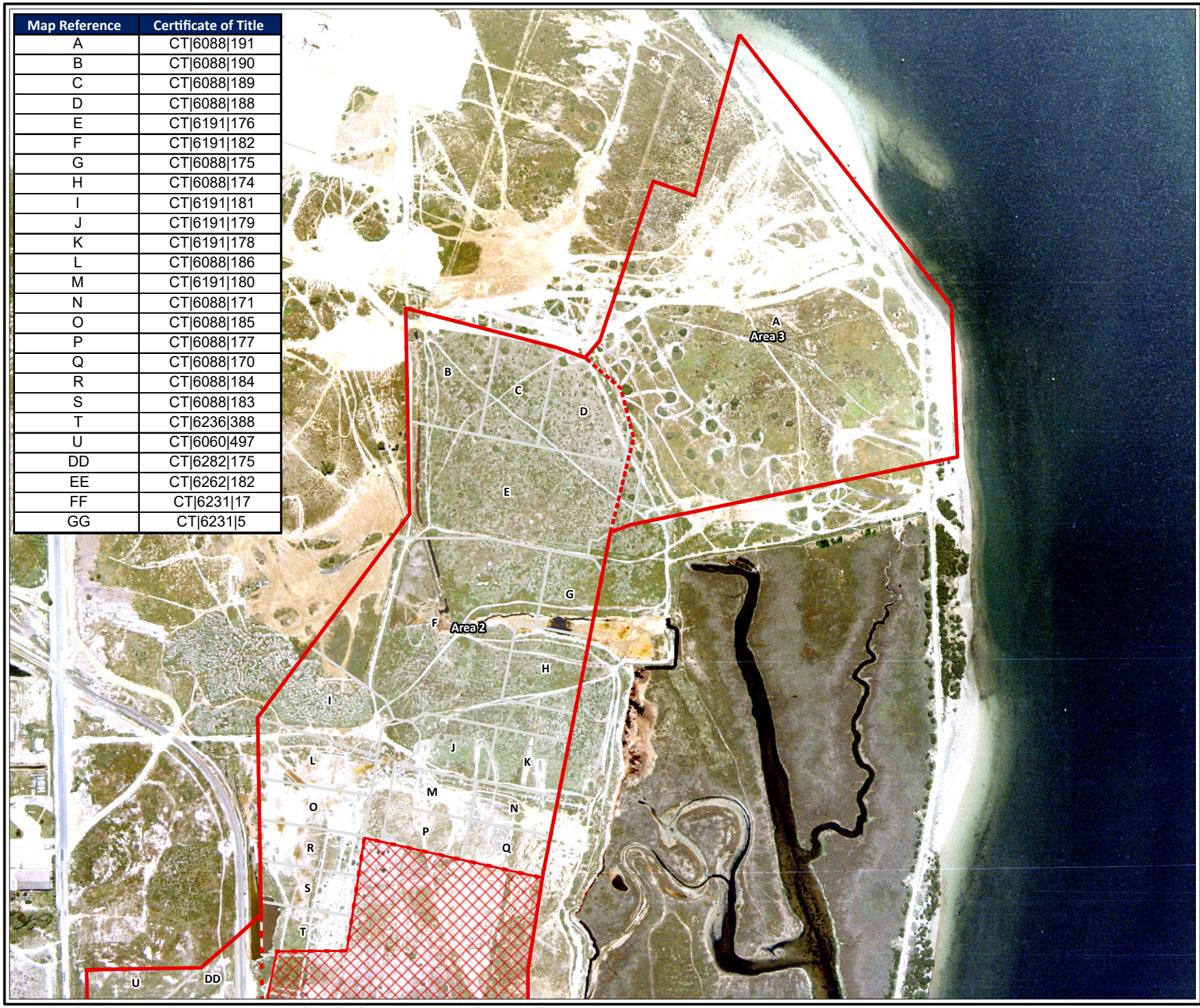
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:7,000

0 150 300

metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORIC AERIAL - 1999 (AREA 2 AND 3)

FIGURE 4L

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04L_HistoricalAerials_1999 Area 2 & 3
South Australian Department of Environment, Water and Natural Resources (Mapland) - Image Date: 1999

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
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F	CT|6191|182
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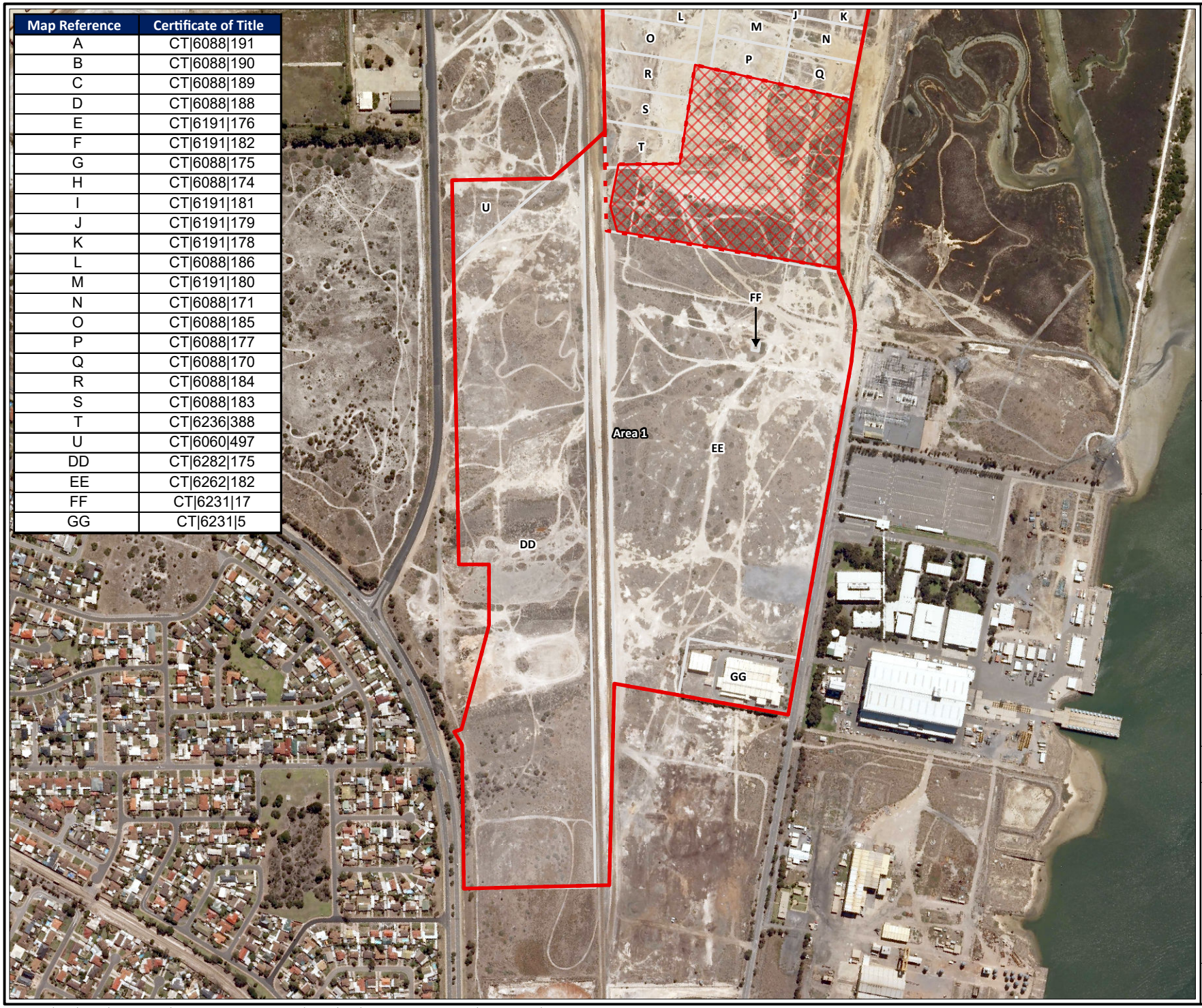
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:8,000

0 150 300

Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORICAL AERIAL - 2006 (AREA 1)

FIGURE 4M

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04m_HistoricalAerials_2006 Area 1

Reference: South Australian Department of Environment, Water and Natural Resources (Mapland) © 2006

Map Reference	Certificate of Title
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B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
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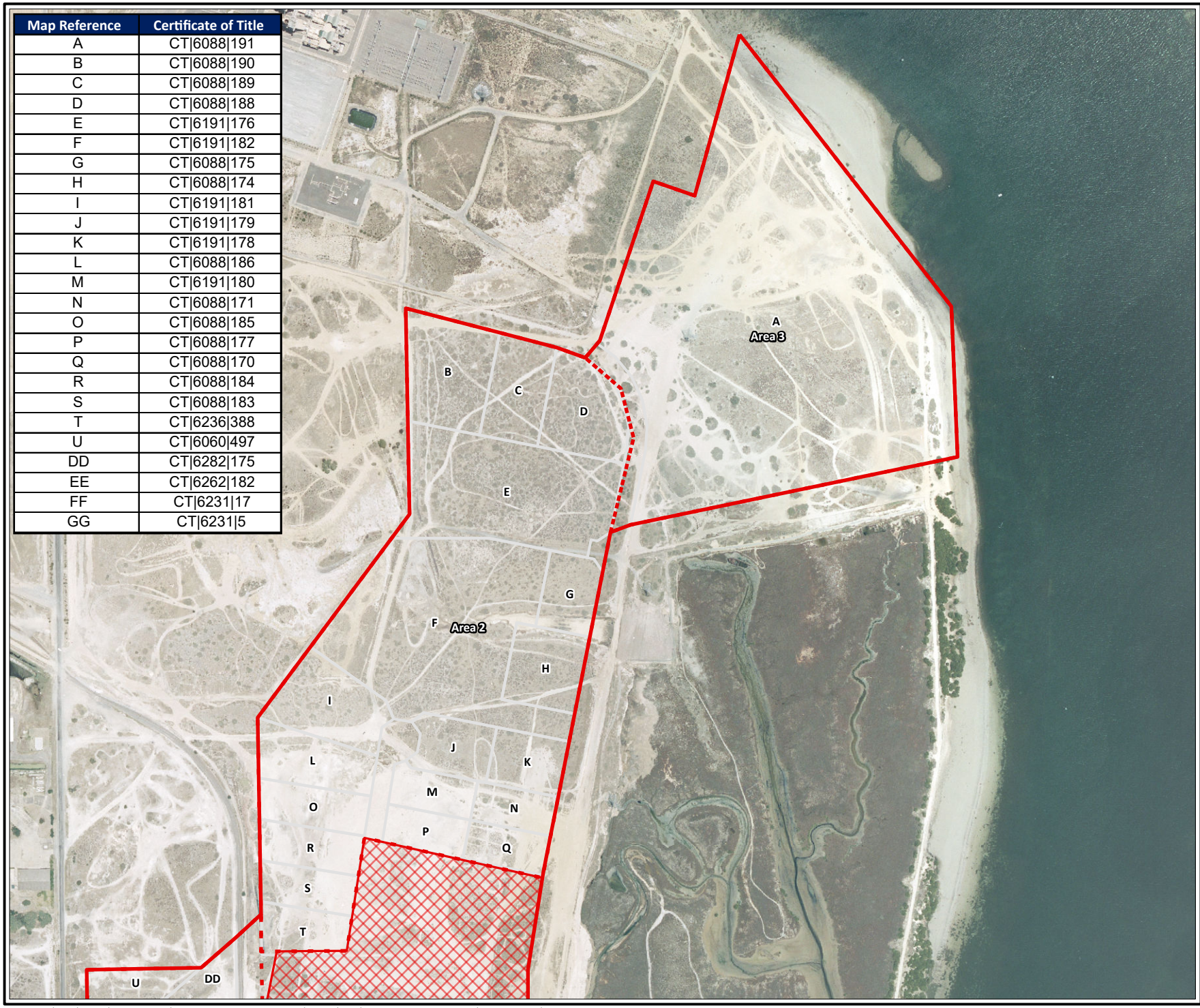
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:7,000

0 150 300

metres

Coord. Sys. GDA 1994 MGA Zone 54

Osborne, South Australia

HISTORIC AERIAL - 2005 (AREA 2 AND 3)

FIGURE 4N

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04n_HistoricalAerials_2005 Area 2 & 3
South Australian Department of Environment, Water and Natural Resources (Mapland) - Image Date: 2005

Map Reference	Certificate of Title
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I	CT|6191|181
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K	CT|6191|178
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O	CT|6088|185
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Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
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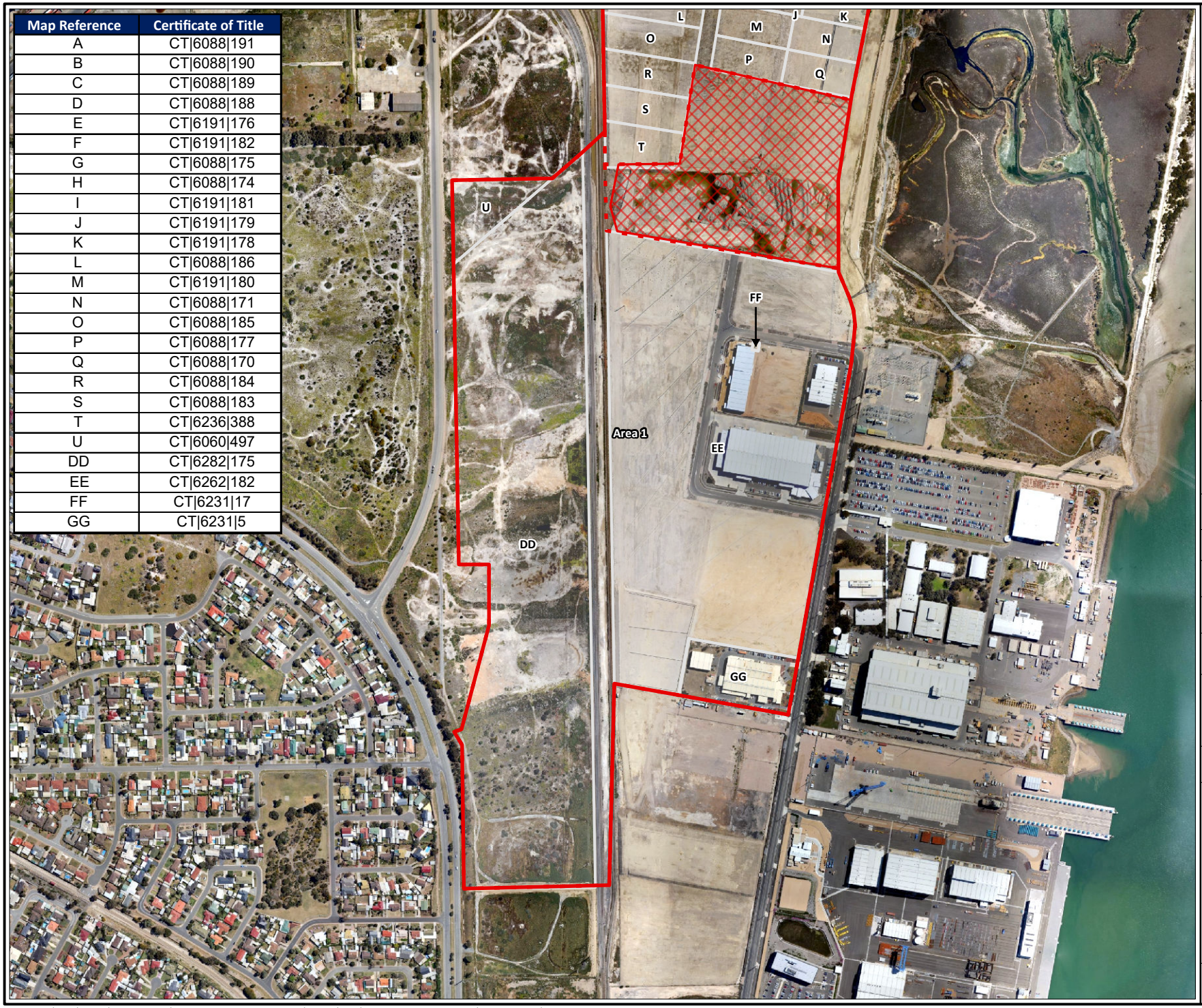
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:8,000

0 150 300

Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORICAL AERIAL - 2010 (AREA 1)

FIGURE 4O

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04o_HistoricalAerials_2010 Area 1

Reference: South Australian Department of Environment, Water and Natural Resources (Mapland) © 2010

Map Reference	Certificate of Title
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B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
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G	CT|6088|175
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K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
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S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
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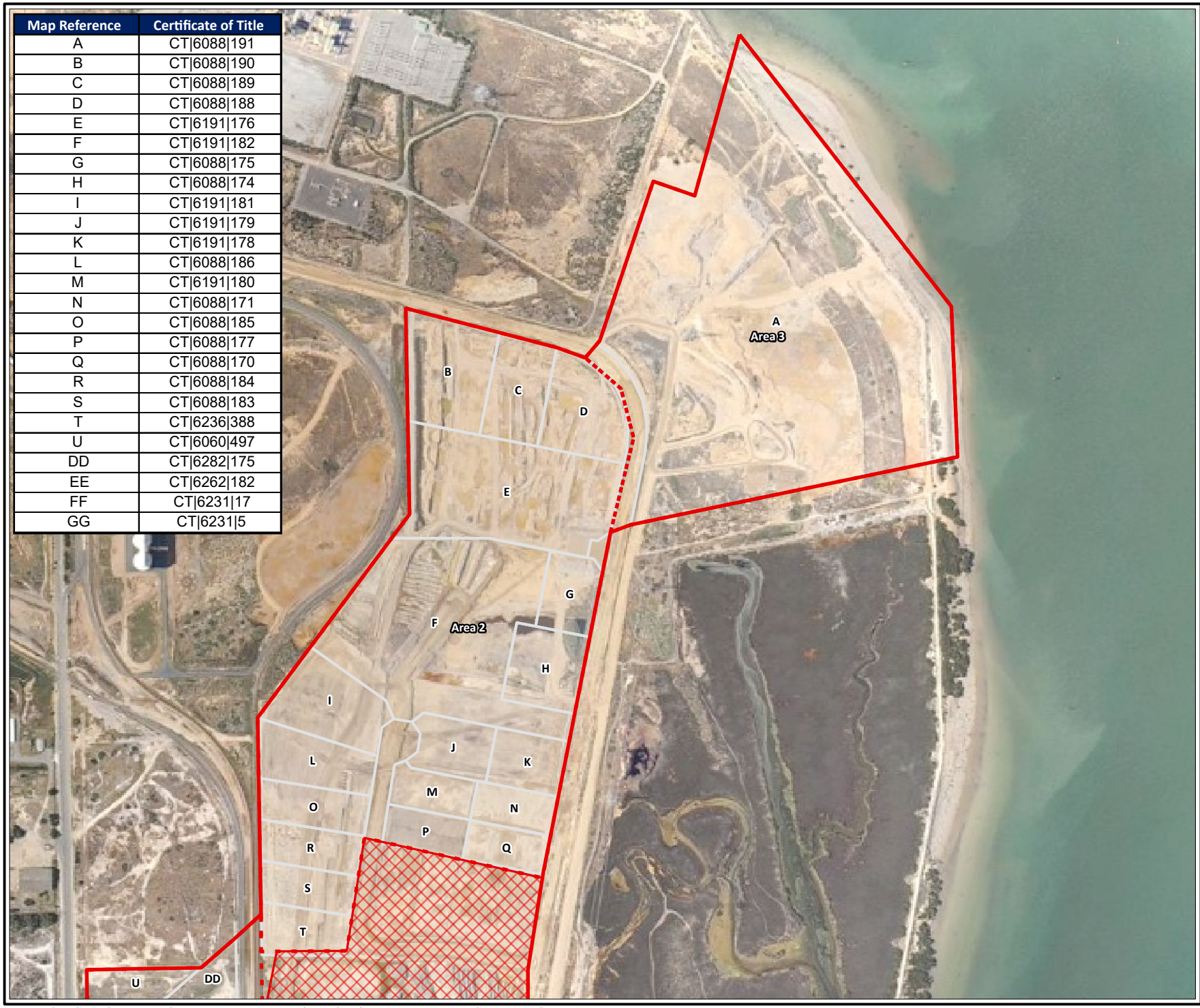
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:7,000

0 150 300

metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORIC AERIAL - 2010 (AREA 2 AND 3)

FIGURE 4P

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04p_HistoricalAerials_2010 Area 2 & 31
www.nearmap.com - Image Date: 2010

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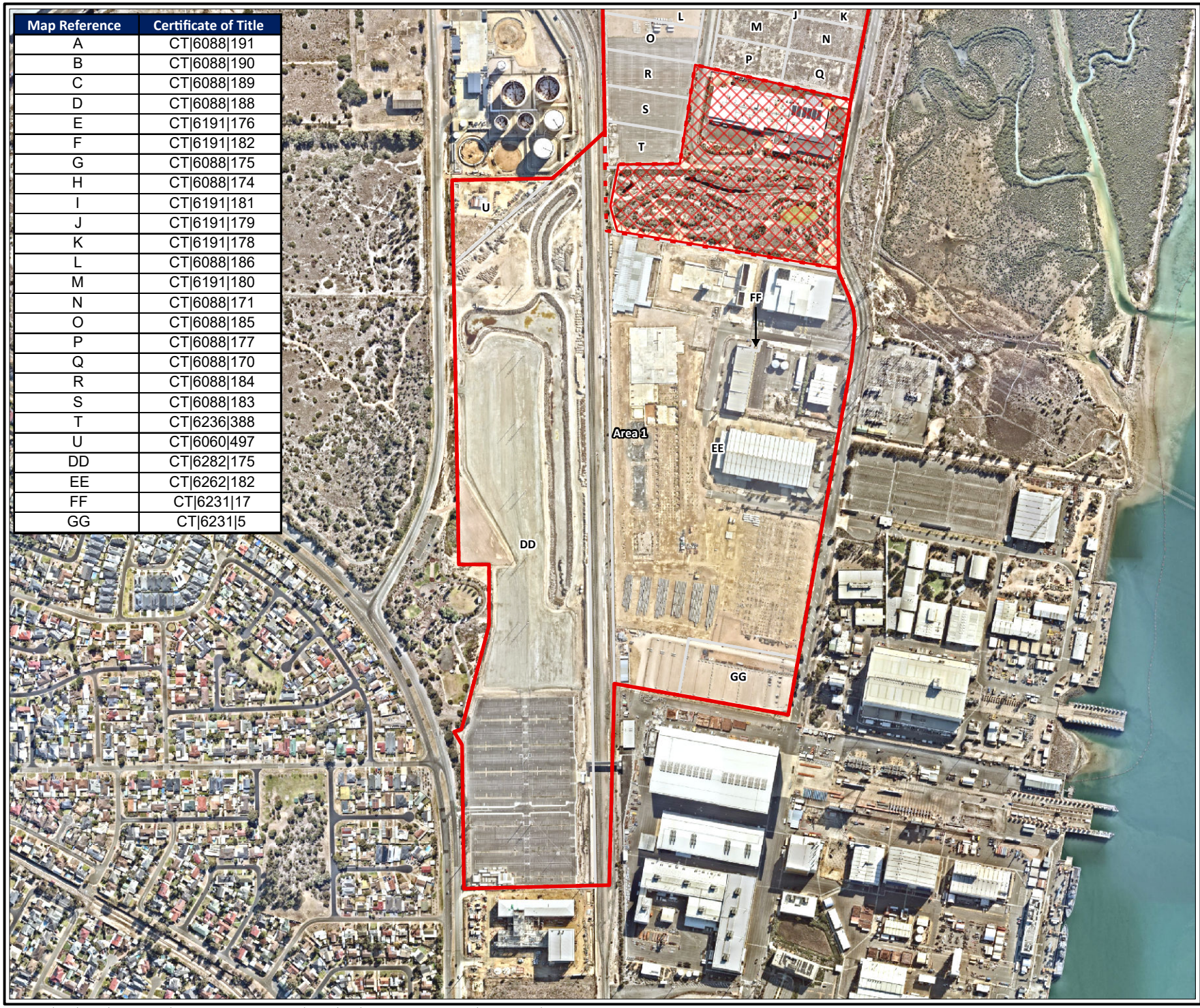
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:8,000

0 150 300

Metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORICAL AERIAL - 2024 (AREA 1)

FIGURE 4Q

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04q_HistoricalAerials_2024 Area 1

Reference: South Australian Department of Environment, Water and Natural Resources (Mapland) © 2024

Map Reference	Certificate of Title
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N	CT|6088|171
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P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:7,000

0 150 300

metres

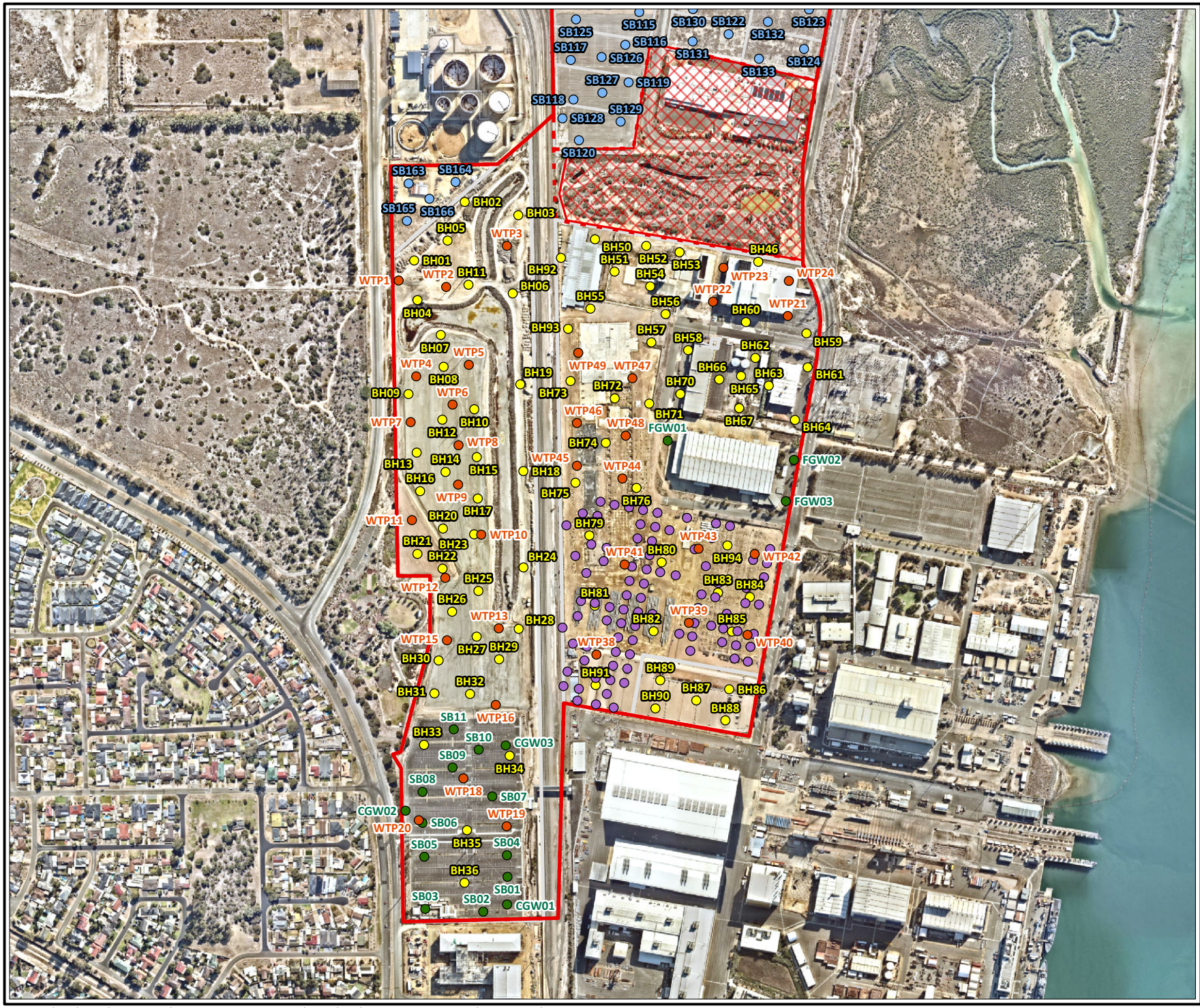
Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

HISTORIC AERIAL - 2024 (AREA 2 AND 3)

FIGURE 4R

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_04r_HistoricalAerials_2024 Area 2 & 31
www.nearmap.com - Image Date: 2024



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Soil Borehole Locations

- Historic Soil Borehole Locations (2017)
- Historic Soil Borehole Locations (2018)
- Historic Soil Borehole Locations (2023)
- Soil Borehole Locations (May/June 2023)
- Soil Borehole Locations (May/June 2024)

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 05-Nov-2024
Drawn By: JS	Checked By: KL

Scale 1:7,500

0 100 200
metres

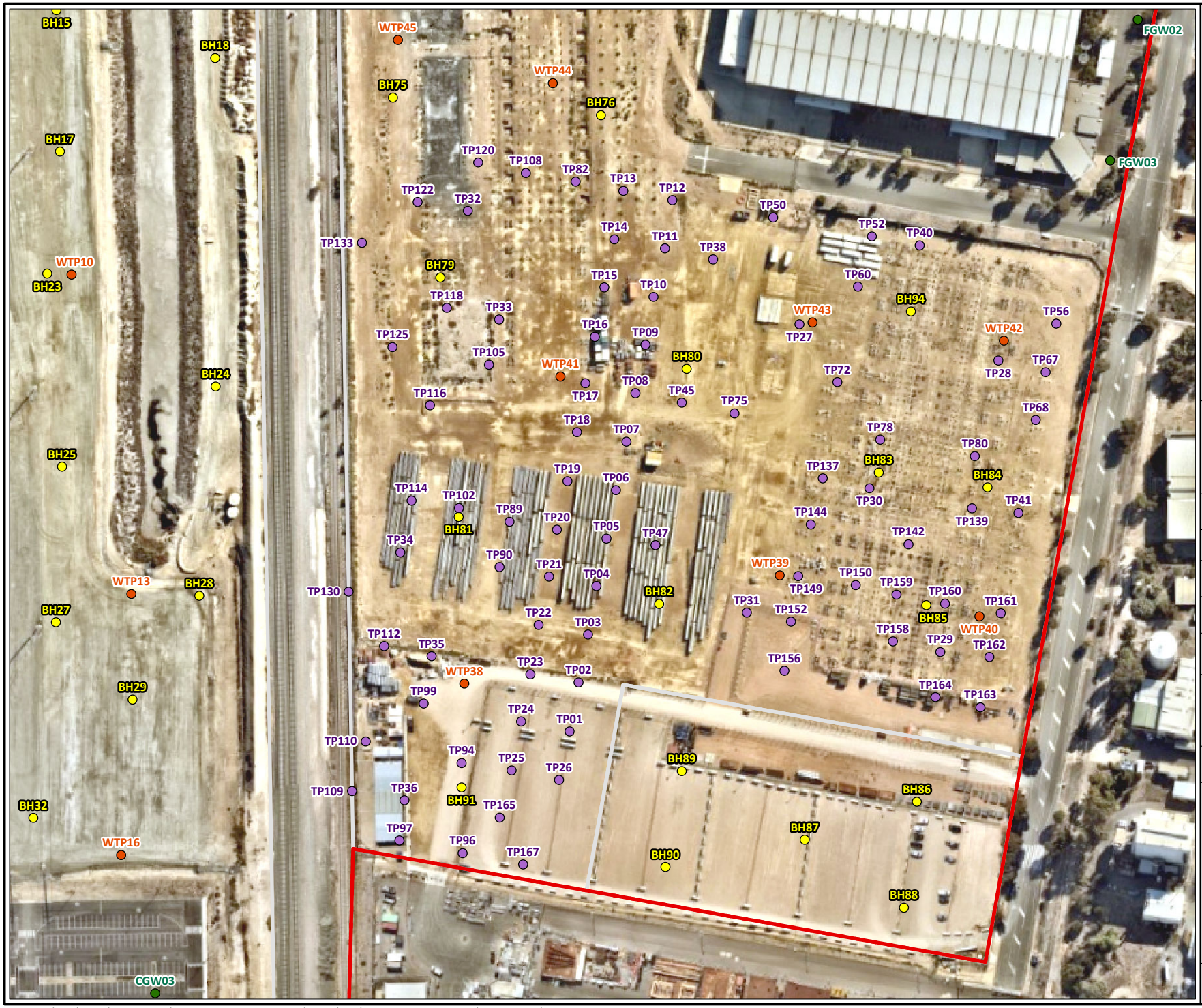
Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SOIL INVESTIGATION LOCATIONS (AREA 1)

FIGURE 5A

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_05a_Soil Investigation Locations Area 1
Reference: www.nearmap.com - Imagery Date: 4/05/2024



Legend

- Site Boundary
- Cadastre

Soil Borehole Locations

- Historic Soil Borehole Locations (2017)
- Historic Soil Borehole Locations (2018)
- Historic Soil Borehole Locations (2023)
- Soil Borehole Locations (May/June 2024)

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 05-Nov-2024
Drawn By: JS	Checked By: KL
Scale 1:2,200	

0 40 80
metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SOIL INVESTIGATION LOCATIONS (AREA 1)

FIGURE 5B

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_05b_Soil Investigation Locations Area 1
Reference: www.nearmap.com - Imagery Date: 4/05/2024

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Soil Borehole Locations

- Soil Borehole Locations (May/June 2023)

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 05-Nov-2024
Drawn By: JS	Checked By: KL
Scale 1:5,000	

0 100 200
metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SOIL INVESTIGATION LOCATIONS (AREA 2)

FIGURE 5C

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_05c_Soil Investigation Locations Area 2
Reference: www.nearmap.com - Imagery Date: 4/05/2024

Legend

- Site Boundary
- Cadastre

Soil Borehole Locations

- Soil Borehole Locations (May/June 2023)

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 05-Nov-2024
Drawn By: JS	Checked By: KL
Scale 1:4,000	

0 80 160
metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SOIL INVESTIGATION LOCATIONS (AREA 3)

FIGURE 5D

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_05d_Soil Investigation Locations Area 3
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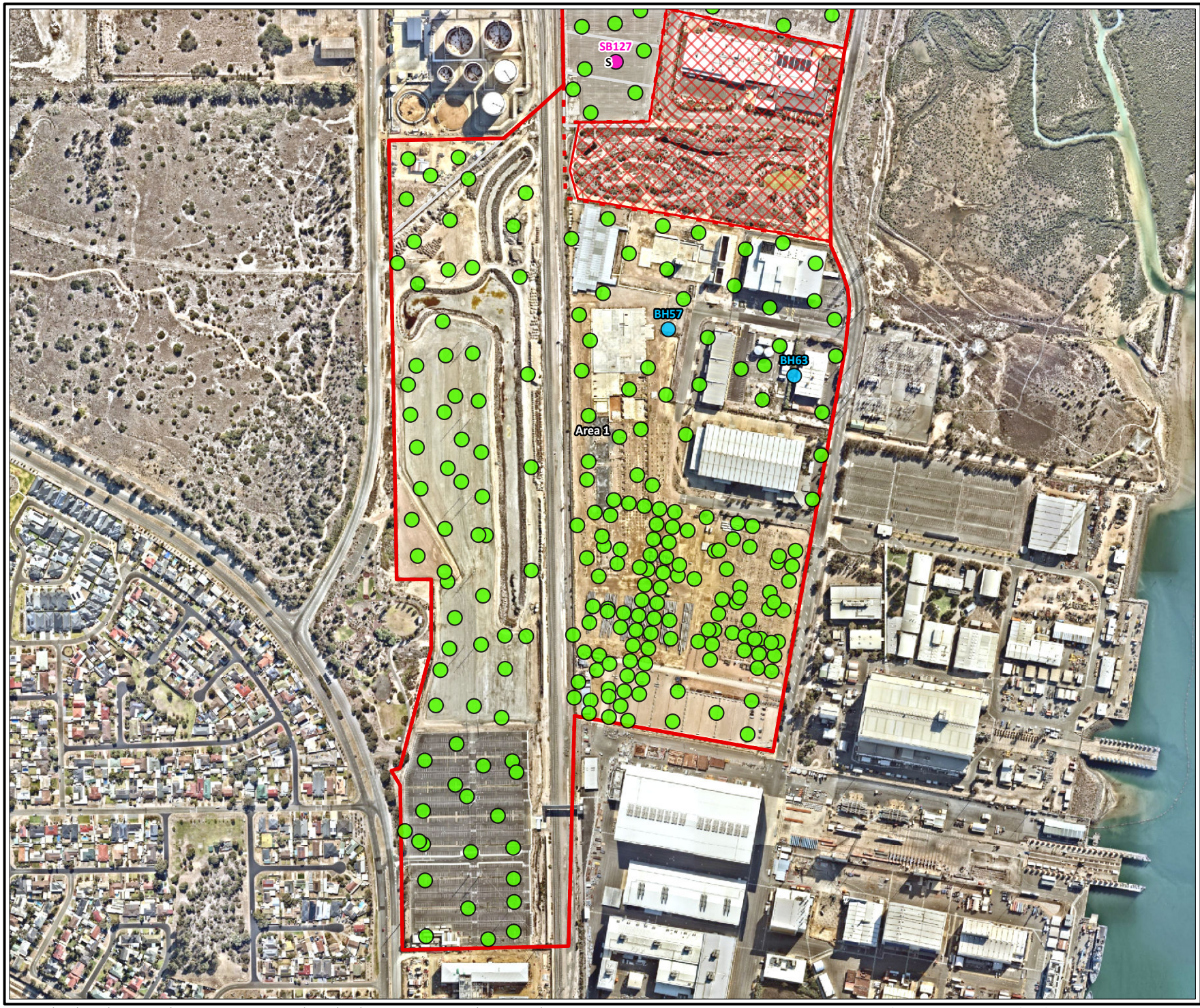


Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Soil Results

- Below Tier 1 criteria for commercial/ industrial landuse (human health and ecological)
- Above Tier 1 ecological criteria for commercial/industrial landuse but below Tier 1 human health criteria for commericial/industrial landuse
- Above Tier 1 both human health and ecological criteria for commercial/ industrial landuse

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 05-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:7,000

0 100 200
metres

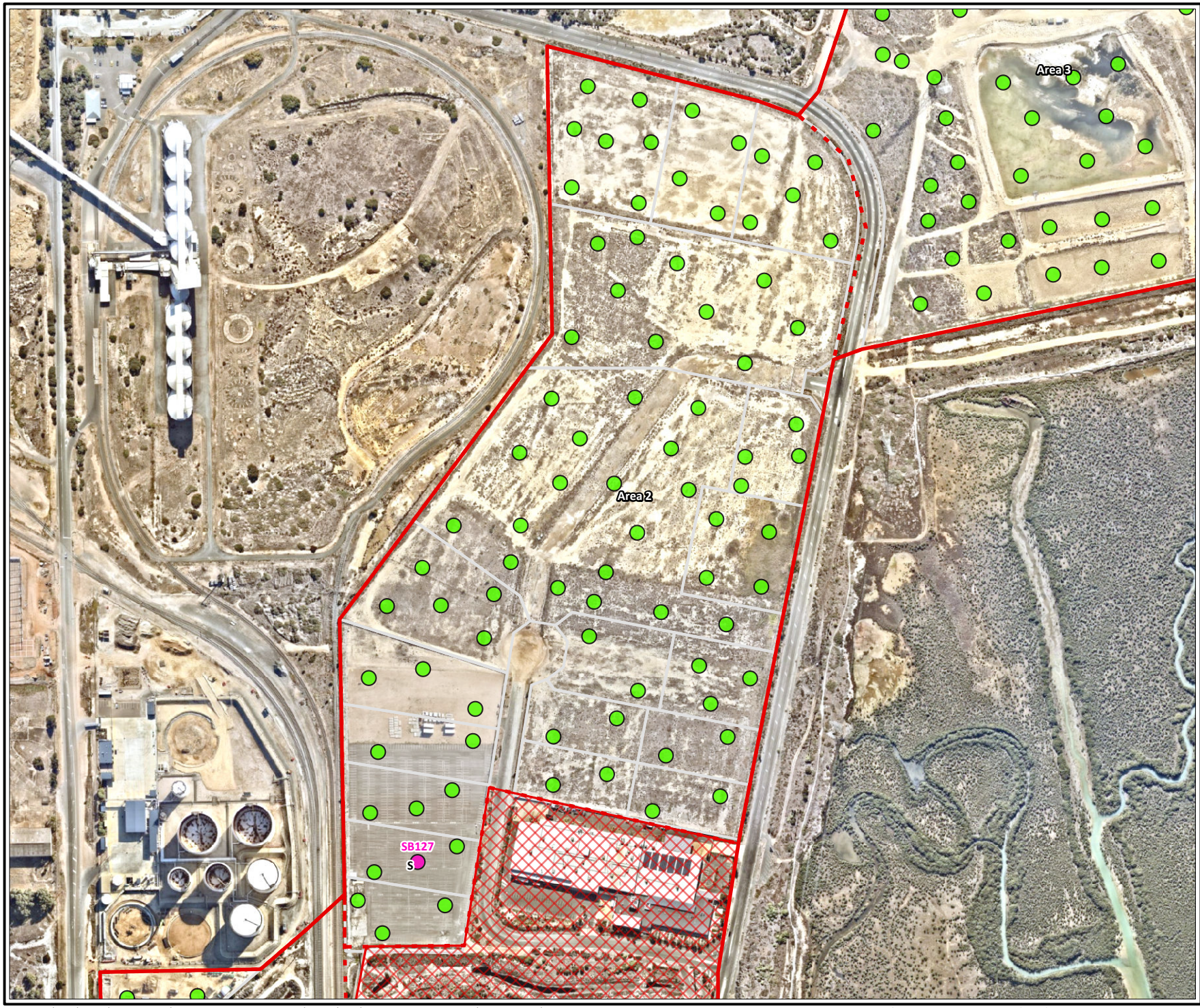
Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SOIL RESULTS VS TIER 1 SCREENING LEVELS FOR COMMERCIAL/INDUSTRIAL LANDUSE (AREA 1)

FIGURE 6A

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_06a_Soil Results Vs Tier 1 for Commerical Industrial Landuse (Area 1)
Reference: www.nearmap.com - Imagery Date: 4/05/2024



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Soil Results

- Below Tier 1 criteria for commercial/ industrial landuse (human health and ecological)
- Above Tier 1 both human health and ecological criteria for commercial/ industrial landuse

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 07-Nov-2024
Drawn By: JS	Checked By: KL
Scale 1:5,000	

0 100 200
metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SOIL RESULTS VS TIER 1 SCREENING LEVELS FOR COMMERCIAL/INDUSTRIAL LANDUSE (AREA 2)

FIGURE 6B

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_06b_Soil Results Vs Tier 1 for Commerical Industrial Landuse (Area 2)
Reference: www.nearmap.com - Imagery Date: 4/05/2024

Legend

- Site Boundary
- Cadastre

Soil Results

- Below Tier 1 criteria for commercial/ industrial landuse (human health and ecological)

JBS&G

Job No: 67064

Client: URPS

Version: FINAL	Date: 05-Nov-2024
Drawn By: JS	Checked By: KL

Scale 1:4,000

0 80 160

metres

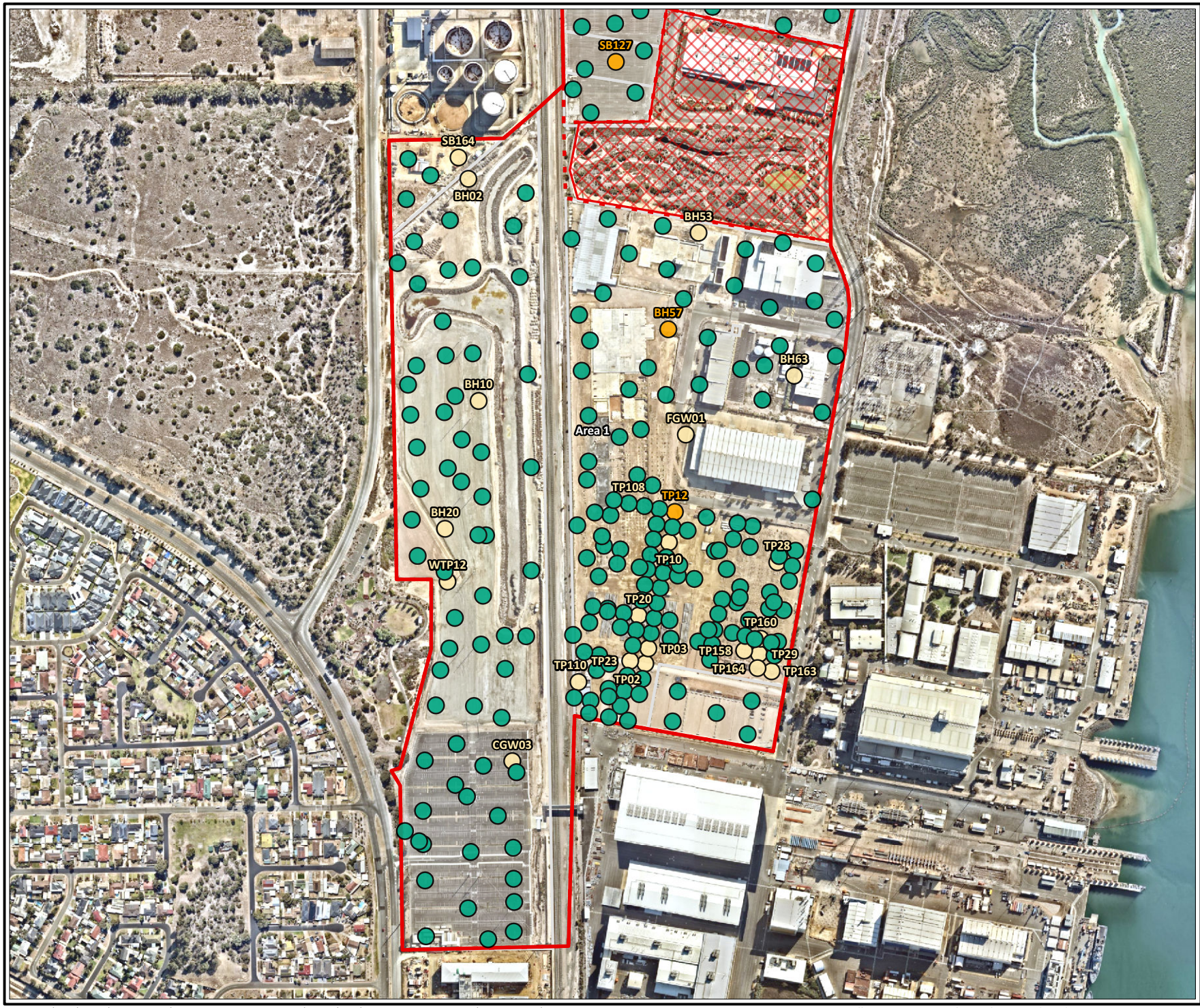
Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SOIL RESULTS VS TIER 1 SCREENING LEVELS FOR COMMERCIAL/INDUSTRIAL LANDUSE (AREA 3)

FIGURE 6C

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_06c_Soil Results Vs Tier 1 for Commerical Industrial Landuse (Area 3)
Reference: www.nearmap.com - Imagery Date: 4/05/2024



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Soil Results

- Above Waste Fill critera but below Intermediate criteria
- Above Waste Fill/Intermediate criteria but below Low Level criteria
- Below Waste Fill critera

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 07-Nov-2024
Drawn By: JS	Checked By: KL
Scale 1:7,000	

0 100 200
metres

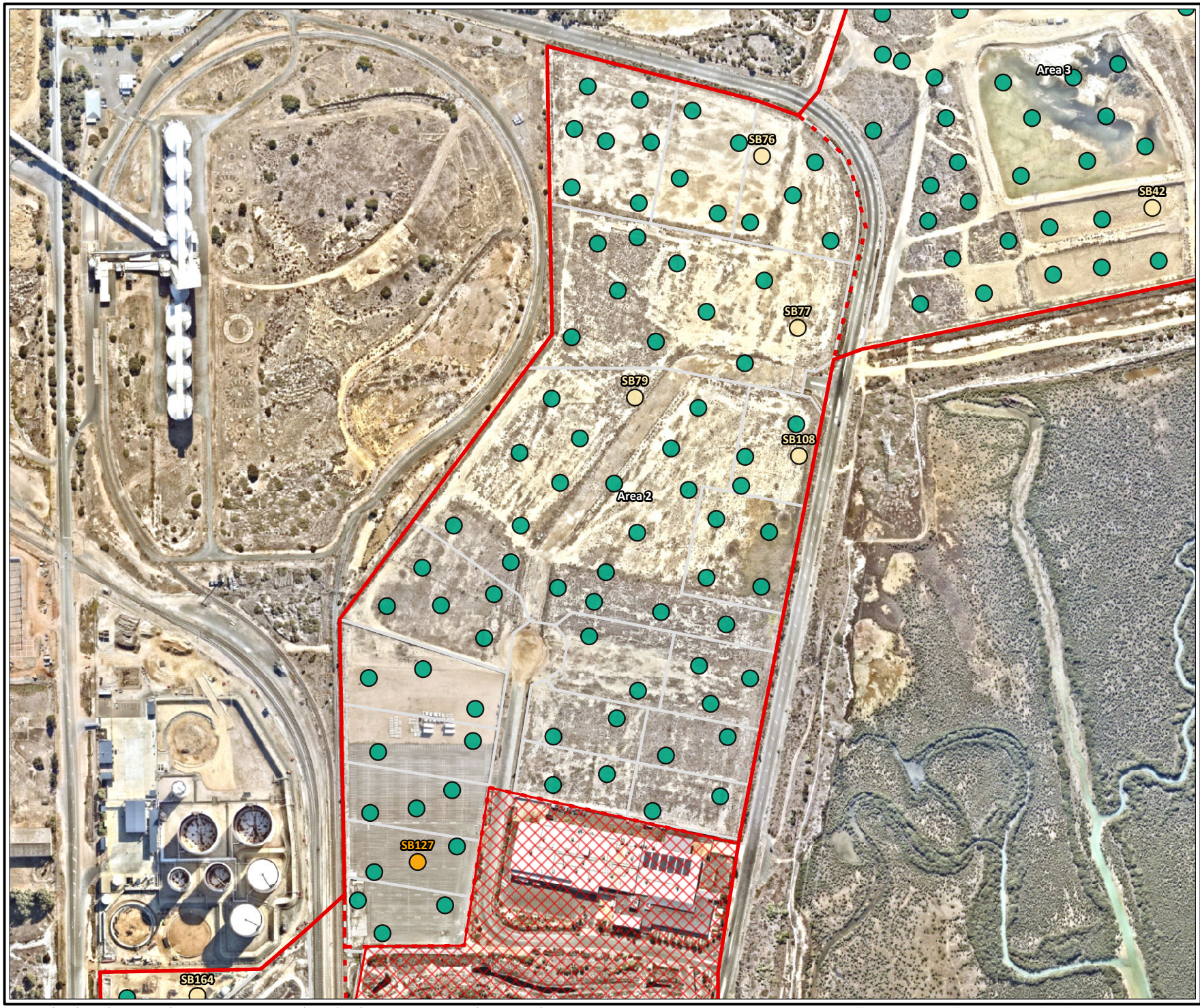
Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SOIL RESULTS VS OFFSITE DISPOSAL/REUSE CRITERIA (AREA 1)

FIGURE 7A

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_07a_Indicative Offsite Disposal Reuse Classification of Soils Onsite (Area 1)
Reference: www.nearmap.com - Imagery Date: 4/05/2024



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Soil Results

- Above Waste Fill critera but below Intermediate criteria
- Above Waste Fill/Intermediate criteria but below Low Level criteria
- Below Waste Fill critera

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 07-Nov-2024
Drawn By: JS	Checked By: KL

Scale 1:5,000

0 100 200

metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SOIL RESULTS VS OFFSITE DISPOSAL/REUSE CRITERIA (AREA 2)

FIGURE 7B

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_07b_Indicative Offsite Disposal Reuse Classification of Soils Onsite (Area 2)
Reference: www.nearmap.com - Imagery Date: 4/05/2024

Legend

- Site Boundary
- Cadastre

Soil Results

- Above Waste Fill critera but below Intermediate criteria
- Below Waste Fill critera

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 07-Nov-2024
Drawn By: JS	Checked By: KL
Scale 1:4,000	

0 80 160
metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SOIL RESULTS VS OFFSITE DISPOSAL/REUSE CRITERIA (AREA 3)

FIGURE 7C

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_07c_Indicative Offsite Disposal Reuse Classification of Soils Onsite (Area 3)
Reference: www.nearmap.com - Imagery Date: 4/05/2024

Map Reference	Certificate of Title
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K	CT|6191|178
L	CT|6088|186
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N	CT|6088|171
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Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
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EE	CT|6262|182
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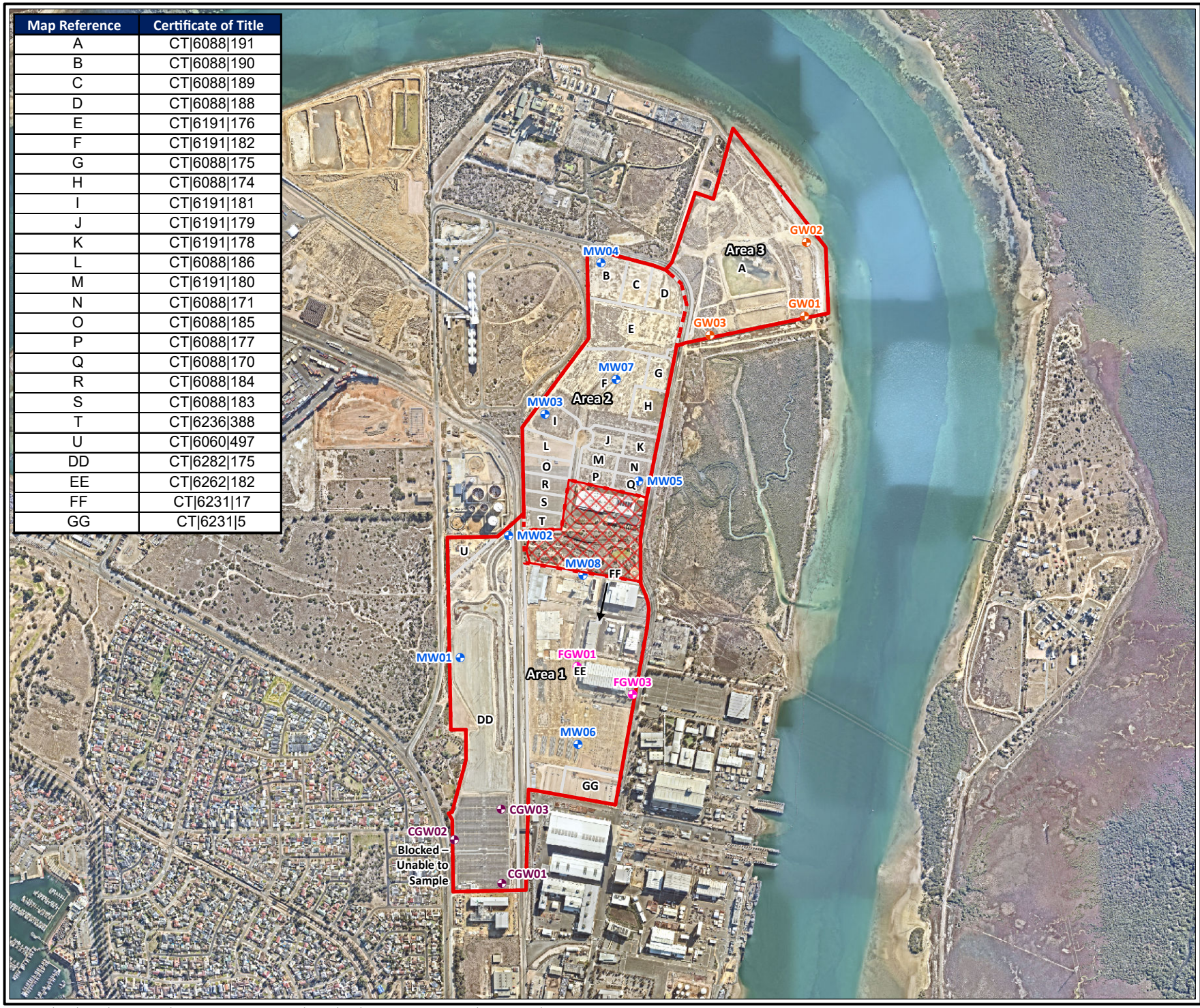


Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre

Groundwater Well

- Installed June 2024
- BAE Carpark
- Area C
- Former Ferrocut

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 05-Nov-2024

Drawn By: JS | Checked By: KL

Scale: 1:16,000

0 300 600

metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

GROUNDWATER WELL LOCATIONS (SAMPLED JUNE 2024)

FIGURE 8

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_08_Groundwater Well Locations
Reference: Nearmap.com.au - Imagery Date: 04/05/2024

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre
- Inferred Groundwater Contour
- Inferred Groundwater Flow Direction
- Groundwater Well Locations
- 0.42 Reduced Groundwater Level (mAHD)

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 05-Nov-2024
Drawn By: JS	Checked By: KL
Scale 1:16,000	

0 300 600
metres

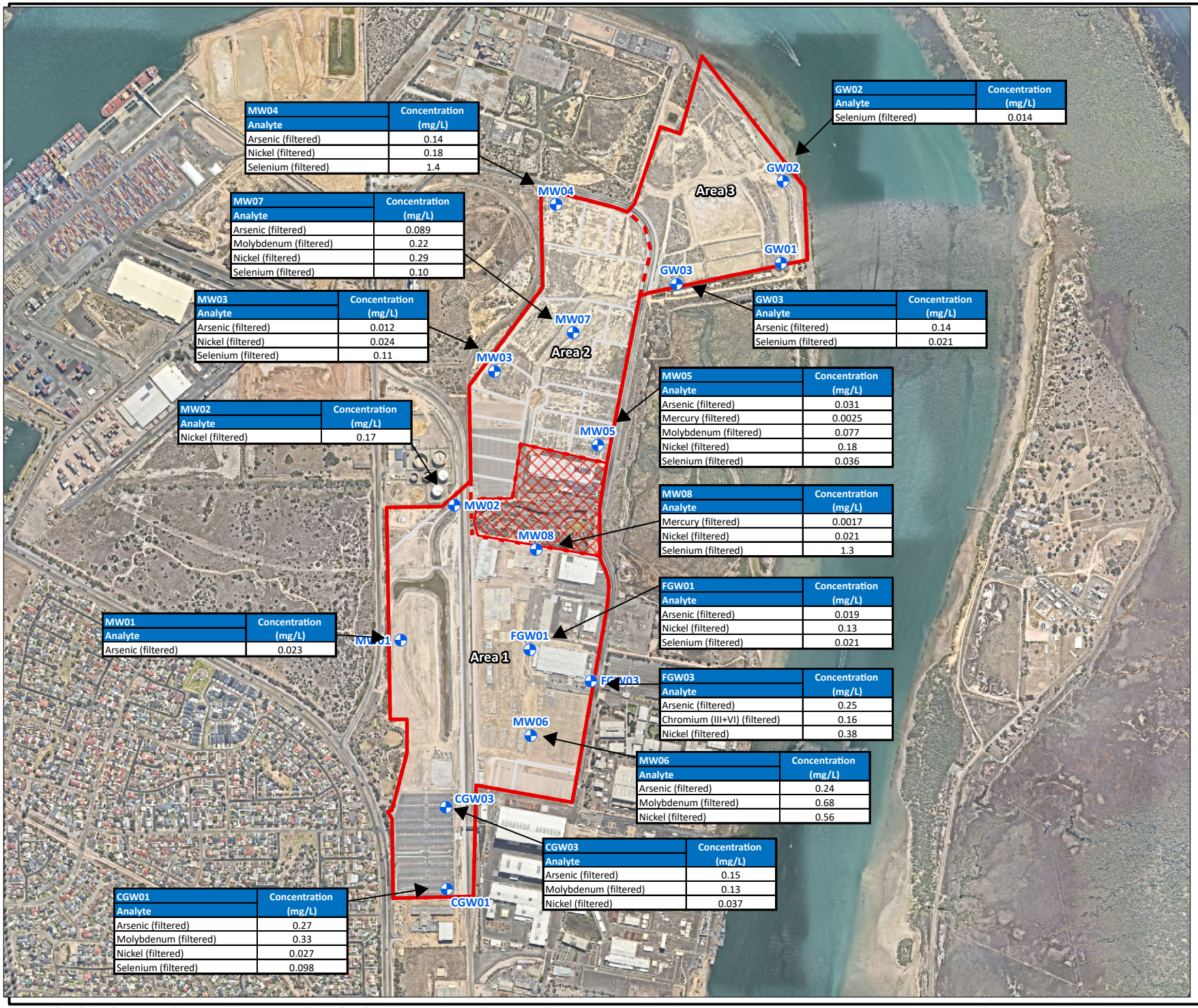
Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

INFERRED GROUNDWATER FLOW: 13 JUNE 2024

FIGURE 9

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_09_Inferred Groundwater Flow, 13 June 2024
Reference: Nearmap.com.au - Imagery Date: 04/05/2024



MW04	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.14
Nickel (filtered)	0.18
Selenium (filtered)	1.4

MW07	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.089
Molybdenum (filtered)	0.22
Nickel (filtered)	0.29
Selenium (filtered)	0.10

MW03	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.012
Nickel (filtered)	0.024
Selenium (filtered)	0.11

MW02	Concentration (mg/L)
Analyte	
Nickel (filtered)	0.17

MW01	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.023

CGW01	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.27
Molybdenum (filtered)	0.33
Nickel (filtered)	0.027
Selenium (filtered)	0.098

CGW03	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.15
Molybdenum (filtered)	0.13
Nickel (filtered)	0.037

MW06	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.24
Molybdenum (filtered)	0.68
Nickel (filtered)	0.56

FGW03	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.25
Chromium (III+VI) (filtered)	0.16
Nickel (filtered)	0.38

FGW01	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.019
Nickel (filtered)	0.13
Selenium (filtered)	0.021

MW08	Concentration (mg/L)
Analyte	
Mercury (filtered)	0.0017
Nickel (filtered)	0.021
Selenium (filtered)	1.3

MW05	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.031
Mercury (filtered)	0.0025
Molybdenum (filtered)	0.077
Nickel (filtered)	0.18
Selenium (filtered)	0.036

GW03	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.14
Selenium (filtered)	0.021

GW02	Concentration (mg/L)
Analyte	
Selenium (filtered)	0.014

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre
- Groundwater Well Locations

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 05-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:14,500

0 200 400
metres

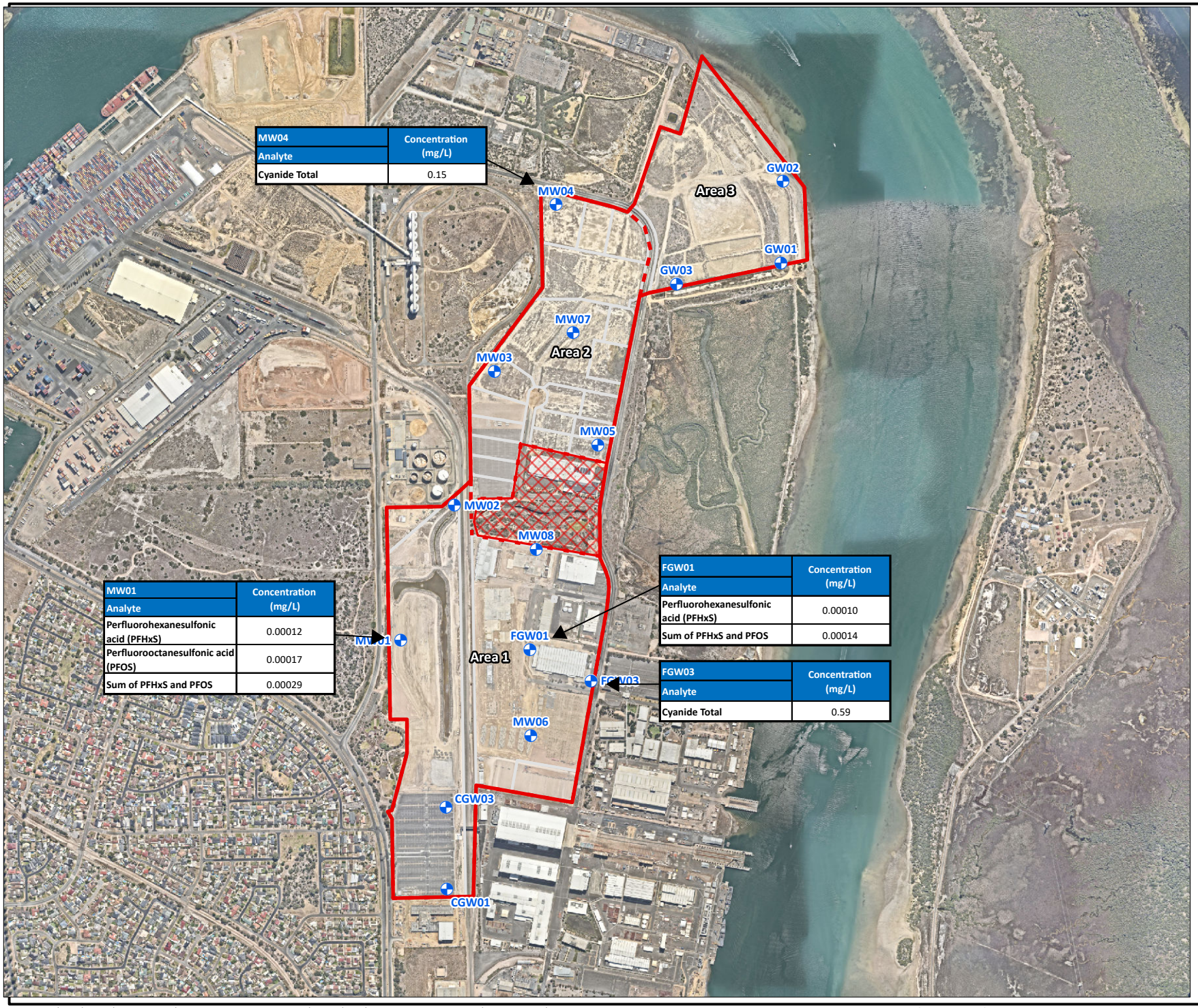
Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

GROUNDWATER CONCENTRATIONS EXCEEDING TIER 1 SCREENING LEVELS FOR RELEVANT BENEFICIAL USES – METALS

FIGURE 10A

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_10a_GW Conc Exceeding Tier 1 for Relevant Beneficial Uses – Metals
Reference: Nearmap.com.au - Imagery Date: 02/03/2024



MW04	Concentration (mg/L)
Analyte	
Cyanide Total	0.15

MW01	Concentration (mg/L)
Analyte	
Perfluorohexanesulfonic acid (PFHxS)	0.00012
Perfluorooctanesulfonic acid (PFOS)	0.00017
Sum of PFHxS and PFOS	0.00029

FGW01	Concentration (mg/L)
Analyte	
Perfluorohexanesulfonic acid (PFHxS)	0.00010
Sum of PFHxS and PFOS	0.00014

FGW03	Concentration (mg/L)
Analyte	
Cyanide Total	0.59

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre
- Groundwater Well Locations

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 05-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:14,500

0 200 400
metres

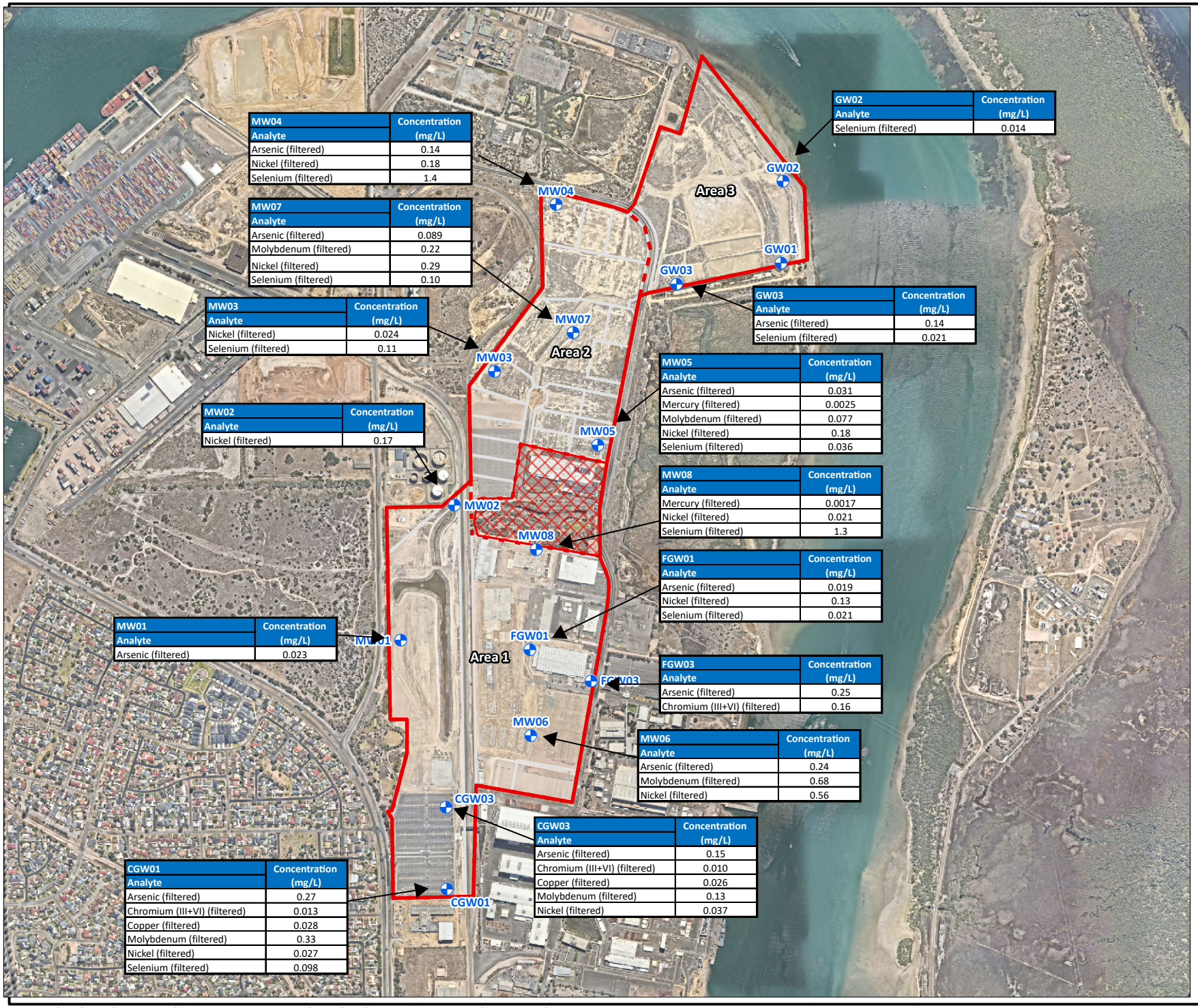
Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

GROUNDWATER CONCENTRATIONS EXCEEDING TIER 1 SCREENING LEVELS FOR RELEVANT BENEFICIAL USES – PFAS, CYANIDE AND PHENOL

FIGURE 10B

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_10b_GW Conc Exceeding Tier 1 for Relevant Beneficial Uses – PFAS, Cyanide and Phenol
Reference: Nearmap.com.au - Imagery Date: 02/03/2024



MW04	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.14
Nickel (filtered)	0.18
Selenium (filtered)	1.4

MW07	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.089
Molybdenum (filtered)	0.22
Nickel (filtered)	0.29
Selenium (filtered)	0.10

MW03	Concentration (mg/L)
Analyte	
Nickel (filtered)	0.024
Selenium (filtered)	0.11

MW02	Concentration (mg/L)
Analyte	
Nickel (filtered)	0.17

MW01	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.023

CGW01	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.27
Chromium (III+VI) (filtered)	0.013
Copper (filtered)	0.028
Molybdenum (filtered)	0.33
Nickel (filtered)	0.027
Selenium (filtered)	0.098

CGW03	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.15
Chromium (III+VI) (filtered)	0.010
Copper (filtered)	0.026
Molybdenum (filtered)	0.13
Nickel (filtered)	0.037

MW06	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.24
Molybdenum (filtered)	0.68
Nickel (filtered)	0.56

FGW03	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.25
Chromium (III+VI) (filtered)	0.16

FGW01	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.019
Nickel (filtered)	0.13
Selenium (filtered)	0.021

MW08	Concentration (mg/L)
Analyte	
Mercury (filtered)	0.0017
Nickel (filtered)	0.021
Selenium (filtered)	1.3

MW05	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.031
Mercury (filtered)	0.0025
Molybdenum (filtered)	0.077
Nickel (filtered)	0.18
Selenium (filtered)	0.036

GW03	Concentration (mg/L)
Analyte	
Arsenic (filtered)	0.14
Selenium (filtered)	0.021

GW02	Concentration (mg/L)
Analyte	
Selenium (filtered)	0.014

Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre
- Groundwater Well Locations

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 05-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:14,500

0 200 400
metres

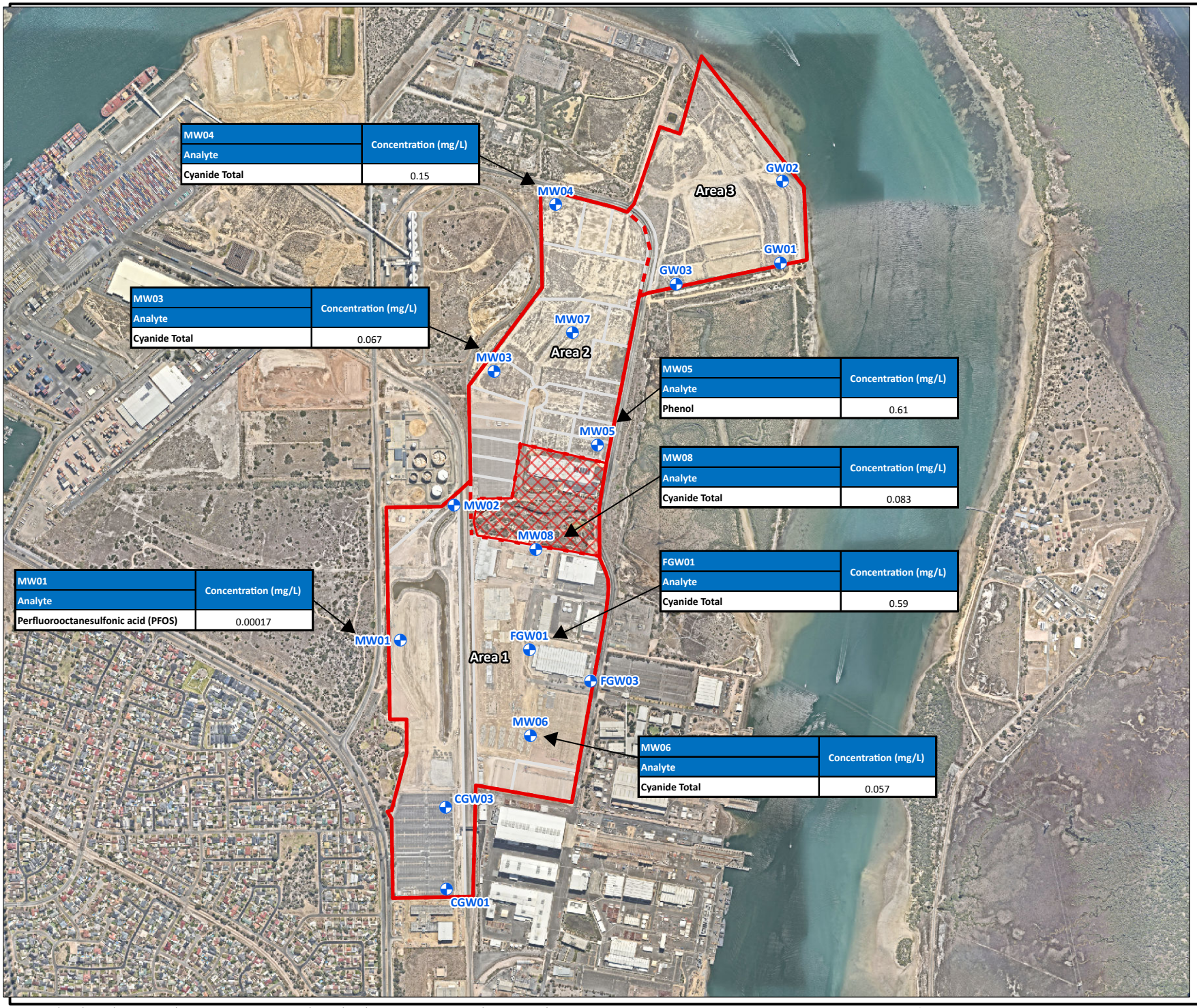
Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

GROUNDWATER CONCENTRATIONS EXCEEDING TIER 1 SCREENING LEVELS FOR RELEVANT ENVIRONMENTAL VALUES – METALS

FIGURE 10C

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_10c_GW Conc Exceeding Tier 1 for Relevant Environmental Values – Metals
Reference: Nearmap.com.au - Imagery Date: 02/03/2024



Legend

- Site Boundary
- Not Subject to Site Contamination Investigation - Not Included in EIS
- Cadastre
- Groundwater Well Locations

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 07-Nov-2024

Drawn By: JS | Checked By: KL

Scale 1:14,500

0 200 400
metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

GROUNDWATER CONCENTRATIONS EXCEEDING TIER 1 SCREENING LEVELS FOR RELEVANT ENVIRONMENTAL VALUES – PFAS AND CYANIDE

FIGURE 10D

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\67064_URPS_Osborne_Consolidated2023-2024.aprx; Name:67064_10d_GW Conc Exceeding Tier 1 for Relevant Environmental Values – PFAS and Cyanide
Reference: Nearmap.com.au - Imagery Date: 02/03/2024

Results Summary Tables

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2024 Soil Summary Tables (Area 1)

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SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

	Metals & Metalloids									TPHs (NEPC 1999)					TPHs (NEPC 1999) - Silica Gel				TRHs (NEPC 2013)							TRHs (NEPC 2013) - Silica Gel			
	Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C10-C14 Fraction (SG)	C15-C28 Fraction (SG)	C29-C36 Fraction (SG)	C10 - C36 Fraction (Sum of Total) (SG)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	>C10-C16 Fraction (SG)	>C16-C34 Fraction (SG)	>C34-C40 Fraction (SG)	>C10 - C40 Fraction (sum) (SG)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	50	100	20	50	100	100	100	20	50	50	100	100	100
NEPC (2013) HILs: Commercial	3,000	900	3,600	240,000		1,500	730	6,000	400,000																				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																								260 | 370 | 630					
0m to <1m																								260					
>1m to <2m																								370					
NEPC (2013) Management Limits: Commercial, Coarse																			700	1,000	3,500	10,000				1,000	3,500	10,000	
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																													
NEPC (2013) EILs: Commercial (site specific)	160		430	90		1,800		560	1400																				
NEPC (2013) ESLs: Commercial, Coarse																					1,700	3,300		215	170		1,700	3,300	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																													
PFAS NEMP 2020 Table 3 Interim EIE All land uses																													
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																													
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																													
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																													

Location	Field ID	Depth	Date	Lab Report																										
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	2.9	1.5	<5	<5	-	52	<0.1	<5	24	<20	<20	<50	65	65	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	3.7	0.9	9.5	8.3	-	26	<0.1	<5	210	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	2.9	<0.4	7.2	6.1	-	9.0	<0.1	<5	16	<20	<20	<50	100	100	-	-	-	-	<20	<50	<100	110	110	<20	<50	-	-	-	-
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	4.6	<0.4	<5	8.2	-	<5	<0.1	8.6	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	3.5	<0.4	6.0	12	-	6.8	<0.1	5.5	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	5.2	<0.4	21	13	-	9.7	<0.1	10.0	24	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	6.4	0.7	19	17	-	27	<0.1	19	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	6.0	<0.4	14	11	-	20	<0.1	6.9	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	18	0.5	21	35	-	34	<0.1	27	110	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	3.2	<0.4	<5	13	-	7.6	<0.1	5.0	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	9.0	<0.4	16	21	-	14	<0.1	11	50	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<2	<0.4	<5	9.7	-	<5	<0.1	7.9	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	3.9	<0.4	12	15	-	32	<0.1	7.5	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	4.7	<0.4	10	14	-	86	<0.1	6.3	55	<20	<20	<50	210	210	-	-	-	-	<20	<50	190	220	410	<20	<50	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	3.0	<0.4	<5	13	-	<5	<0.1	5.6	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	25	0.4	14	26	-	50	<0.1	14	140	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	5.1	0.7	9.4	11	-	53	<0.1	5.7	50	<20	<20	400	240	640	-	-	-	-	<20	<50	570	150	720	<20	<50	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	4.8	<0.4	18	15	-	35	<0.1	9.3	48	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	4.7	<0.4	12	12	-	18	<0.1	6.9	30	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<2	<0.4	<5	<5	1,900	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	3.7	<0.4	8.5	9.4	-	24	<0.1	6.6	27	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	4.2	<0.4	12	47	-	28	<0.1	7.6	47	<20	<20	<50	200	200	-	-	-	-	<20	<50	180	190	370	<20	<50	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	3.7	<0.4	9.7	15	-	31	<0.1	5.1	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	3.5	<0.4	9.6	10	-	13	<0.1	6.5	20	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	3.8	<0.4	<5	9.2	-	<5	<0.1	6.7	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	2.8	<0.4	<5	6.9	-	<5	<0.1	5.9	<5	<20	<20	53	<50	53	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	2.7	<0.4	<5	6.8	-	<5	<0.1	5.9	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	7.0	<0.4	11	17	-	8.3	<0.1	7.2	39	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	8.2	<0.4	240	15	-	760	<0.1	11	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	3.2	<0.4	20	14	-	14	<0.1	11	34	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	5.0	<0.4	9.7	16	-	14	<0.1	7.7	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	4.8	<0.4	14	10	-	20	<0.1	8.5	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	3.9	<0.4	8.2	10	-	16	<0.1	<5	25	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	6.7	<0.4	25	18	-	22	0.1	11	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	11	<0.4	17	13	-	15	<0.1	13	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	4.3	<0.4	11	12	-	21	<0.1	6.0	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	4.6	<0.4	12	12	-	25	<0.1	6.7	41	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	4.5	<0.4	23	13	-	15	<0.1	11	45	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	9.9	<0.4	13	27	-	21	<0.1	9.9	49	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	5.4	<0.4	16	19	-	25	<0.1	11	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	6.3	<0.4	12	14	-	16	<0.1	10	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	5.1	<0.4	19	18	-	25	<0.1	12	98	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

	Metals & Metalloids									TPHs (NEPC 1999)					TPHs (NEPC 1999) - Silica Gel				TRHs (NEPC 2013)							TRHs (NEPC 2013) - Silica Gel			
	Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C10-C14 Fraction (SG)	C15-C28 Fraction (SG)	C29-C36 Fraction (SG)	C10 - C36 Fraction (Sum of Total) (SG)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	>C10-C16 Fraction (SG)	>C16-C34 Fraction (SG)	>C34-C40 Fraction (SG)	>C10 - C40 Fraction (sum) (SG)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	50	100	20	50	100	100	100	20	50	50	100	100	100
NEPC (2013) HILs: Commercial	3,000	900	3,600	240,000		1,500	730	6,000	400,000																				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																								260 | 370 | 630					
0m to <1m																								260					
>1m to <2m																								370					
NEPC (2013) Management Limits: Commercial, Coarse																			700	1,000	3,500	10,000				1,000	3,500	10,000	
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																													
NEPC (2013) EILs: Commercial (site specific)	160		430	90		1,800		560	1400																				
NEPC (2013) ESLs: Commercial, Coarse																					1,700	3,300		215	170		1,700	3,300	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																													
PFAS NEMP 2020 Table 3 Interim EIE All land uses																													
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																													
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																													
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																													

Location	Field ID	Depth	Date	Lab Report																										
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	7.9	<0.4	17	14	-	14	<0.1	11	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	5.1	<0.4	26	19	-	35	<0.1	17	52	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	5.9	<0.4	25	17	-	15	<0.1	16	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	9.1	<0.4	13	14	-	14	<0.1	8.8	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	7.3	<0.4	24	21	-	28	<0.1	15	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	15	<0.4	34	27	-	9.3	<0.1	24	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	5.8	0.5	16	13	-	36	<0.1	6.7	30	<20	<20	<50	74	74	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	4.8	<0.4	20	13	-	14	<0.1	9.3	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	8.6	<0.4	11	17	-	9.0	<0.1	12	21	<20	<20	<50	<50	51	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	3.6	<0.4	9.2	9.3	-	10	<0.1	7.1	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	3.4	<0.4	5.1	10	-	13	<0.1	<5	28	<20	<20	<50	<50	54	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	5.9	<0.4	12	13	-	29	<0.1	7.3	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	110	10	23	77	-	940	0.2	54	590	<20	<20	<50	<50	82	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	5.5	<0.4	14	12	-	13	<0.1	11	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	6.7	1.9	8.1	16	-	300	0.2	14	67	<20	<20	<50	<50	57	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	5,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	4.8	<0.4	16	11	-	17	<0.1	6.6	62	<20	<20	<50	91	97	-	-	-	-	<20	<50	100	<100	100	<20	<50	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	2.7	<0.4	<5	<5	-	7.3	<0.1	<5	15	<20	<20	<50	<50	57	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	4.8	<0.4	12	12	-	14	<0.1	7.8	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<2	<0.4	<5	6.0	-	<5	<0.1	<5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	3.9	<0.4	18	10	-	23	<0.1	8.2	120	<20	73	2,000	1,100	3,400	-	-	-	-	<20	180	2,700	700	3,580	<20	180	-	-	-	-
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<20	<50	<50	<50	-	-	-	-	-	-	-	<50	<100	<100	<100
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	6.4	0.5	5.9	26	-	71	<0.1	6.8	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	7.2	<0.4	24	14	-	67	<0.1	12	84	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	2.8	<0.4	5.6	50	-	23	<0.1	<5	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	5.2	<0.4	16	21	-	8.2	<0.1	14	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	<2	<0.4	<5	10	-	<5	<0.1	16	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	12	0.5	23	24	-	22	<0.1	26	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	4.5	<0.4	12	16	-	<5	<0.1	13	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	2.7	<0.4	<5	5.5	-	<5	<0.1	6.3	9.6	<20	<20	100	55	160	-	-	-	-	<20	<50	130	<100	130	<20	<50	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	4.1	<0.4	10	12	-	19	<0.1	7.5	27	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	9.7	<0.4	13	130	-	26	<0.1	9.6	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	2.6	<0.4	5.2	13	-	13	<0.1	<5	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	4.8	<0.4	10	15	-	21	<0.1	7.6	42	<20	<20	<50	<50	52	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	3.9	<0.4	<5	14	-	<5	<0.1	<5	17	<20	<20	<50	<50	55	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	5.9	<0.4	17	11	-	23	<0.1	8.1	45	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	3.1	<0.4	6.4	7.7	-	24	<0.1	<5	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	6.0	<0.4	14	13	-	24	<0.1	6.7	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	6.1	<0.4	22	20	-	58	0.1	9.7	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	6.8	<0.4	25	12	-	34	<0.1	12	42	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	3.6	0.5	<5	<5	-	25	<0.1	<5	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	4.8	<0.4	10	12	-	17	<0.1	9.3	41	<20	<20	<50	<50	53	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	Metals & Metalloids									TPHs (NEPC 1999)					TPHs (NEPC 1999) - Silica Gel				TRHs (NEPC 2013)							TRHs (NEPC 2013) - Silica Gel			
	Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C10-C14 Fraction (SG)	C15-C28 Fraction (SG)	C29-C36 Fraction (SG)	C10 - C36 Fraction (Sum of Total) (SG)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	>C10-C16 Fraction (SG)	>C16-C34 Fraction (SG)	>C34-C40 Fraction (SG)	>C10 - C40 Fraction (sum) (SG)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	50	100	20	50	100	100	100	20	50	50	100	100	100
NEPC (2013) HILs: Commercial	3,000	900	3,600	240,000		1,500	730	6,000	400,000																				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																								260 | 370 | 630					
0m to <1m																								260					
>1m to <2m																								370					
NEPC (2013) Management Limits: Commercial, Coarse																			700	1,000	3,500	10,000				1,000	3,500	10,000	
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																													
NEPC (2013) EILs: Commercial (site specific)	160		430	90		1,800		560	1400																				
NEPC (2013) ESLs: Commercial, Coarse																					1,700	3,300		215	170		1,700	3,300	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																													
PFAS NEMP 2020 Table 3 Interim EIE All land uses																													
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																													
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																													
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																													

Location	Field ID	Depth	Date	Lab Report																											
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	4.5	0.5	8.3	11	-	51	<0.1	6.6	38	<20	<20	<50	<50	55	-	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	4.1	0.7	8.8	15	-	62	<0.1	11	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	2.9	<0.4	6.6	8.7	-	11	<0.1	<5	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	4.6	<0.4	7.6	9.4	-	24	<0.1	<5	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	<2	<0.4	<5	8.8	-	<5	<0.1	<5	9.1	<20	<20	<50	<50	56	-	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	3.3	<0.4	7.9	9.0	-	16	<0.1	5.3	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	4.1	<0.4	8.1	11	-	27	<0.1	5.8	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	3.2	<0.4	21	6.3	4,700	13	<0.1	7.4	29	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	5.5	<0.4	23	14	-	82	<0.1	11	83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	6.8	1.0	8.6	25	-	110	0.1	9.3	130	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	3.2	<0.4	12	7.0	-	14	<0.1	6.1	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	4.0	0.5	19	10	-	30	<0.1	8.7	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	5.4	0.7	18	18	-	69	<0.1	12	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	6.4	<0.4	13	13	-	30	<0.1	9.5	50	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	4.9	<0.4	9.7	11	-	62	<0.1	7.1	37	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	4.0	<0.4	11	11	-	28	<0.1	6.6	33	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<2	<0.4	<5	<5	1,000	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	8.7	<0.4	21	21	-	21	<0.1	11	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	5.8	<0.4	13	14	-	37	<0.1	9.2	43	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	5.7	<0.4	11	9.5	-	11	<0.1	11	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	3.8	<0.4	6.8	9.2	-	22	<0.1	<5	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	BTEXN							PAH																			
	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene_VOC	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial													40	40	40												4,000
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand	3 | 3 | 3 | 3					230																					
0m to <1m	3					230																					
>1m to <2m	3																										
NEPC (2013) Management Limits: Commercial, Coarse																											
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																											
NEPC (2013) EILs: Commercial (site specific)							370																	370			
NEPC (2013) ESLs: Commercial, Coarse	75	135	165			180						1.4															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																											
PFAS NEMP 2020 Table 3 Interim EIE All land uses																											
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																											
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																											
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																											

Location	Field ID	Depth	Date	Lab Report																									
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	BTEXN							PAH																				
	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene_VOC	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial													40	40	40												4,000
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand	3 | 3 | 3 | 3					230																					
0m to <1m	3					230																					
>1m to <2m	3																										
NEPC (2013) Management Limits: Commercial, Coarse																											
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																											
NEPC (2013) EILs: Commercial (site specific)							370																	370			
NEPC (2013) ESLs: Commercial, Coarse	75	135	165			180						1.4															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																											
PFAS NEMP 2020 Table 3 Interim EIE All land uses																											
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																											
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																											
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																											

Location	Field ID	Depth	Date	Lab Report																										
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	1.8	<0.5	<0.5	<0.5	0.9	1.8	5.0
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	BTEXN							PAH																				
	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene_VOC	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial													40	40	40													4,000
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand	3 | 3 | 3 | 3					230																						
0m to <1m	3					230																						
>1m to <2m	3																											
NEPC (2013) Management Limits: Commercial, Coarse																												
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																												
NEPC (2013) EILs: Commercial (site specific)							370																	370				
NEPC (2013) ESLs: Commercial, Coarse	75	135	165			180						1.4																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																												
PFAS NEMP 2020 Table 3 Interim EIE All land uses																												
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																												
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																												
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																												

Location	Field ID	Depth	Date	Lab Report																										
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	Organochlorine Pesticides																						
	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	Aldrin + Dieldrin	Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	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	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPC (2013) HILs: Commercial								45	530			3,600				100			50		2,500	160
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																						
0m to <1m																						
>1m to <2m																						
NEPC (2013) Management Limits: Commercial, Coarse																						
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																						
NEPC (2013) EILs: Commercial (site specific)										640												
NEPC (2013) ESLs: Commercial, Coarse																						
PFAS NEMP 2020 Table 3 Interim EDE All land uses																						
PFAS NEMP 2020 Table 3 Interim EIE All land uses																						
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																						
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																						
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																						

Location	Field ID	Depth	Date	Lab Report																				
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

	Organochlorine Pesticides																						
	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	Aldrin + Dieldrin	Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	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	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPC (2013) HILs: Commercial								45	530			3,600				100			50		2,500	160
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																						
0m to <1m																						
>1m to <2m																						
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PFAS NEMP 2020 Table 2 Health Industrial/Commercial																						
NEPC (2013) EILs: Commercial (site specific)										640												
NEPC (2013) ESLs: Commercial, Coarse																						
PFAS NEMP 2020 Table 3 Interim EDE All land uses																						
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SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																						

Location	Field ID	Depth	Date	Lab Report																					
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.2	<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	<0.5
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.47	0.47	<0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	Organochlorine Pesticides																							
	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	Aldrin + Dieldrin	Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	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	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
NEPC (2013) HILs: Commercial								45	530			3,600				100			50		2,500	160
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																						
0m to <1m																						
>1m to <2m																						
NEPC (2013) Management Limits: Commercial, Coarse																						
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																						
NEPC (2013) EILs: Commercial (site specific)										640												
NEPC (2013) ESLs: Commercial, Coarse																						
PFAS NEMP 2020 Table 3 Interim EDE All land uses																						
PFAS NEMP 2020 Table 3 Interim EIE All land uses																						
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																						
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																						
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																						

Location	Field ID	Depth	Date	Lab Report																				
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

																	Organophosphorus Pesticides																				
	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPC (2013) HILs: Commercial				2,000																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																				
0m to <1m																																				
>1m to <2m																																				
NEPC (2013) Management Limits: Commercial, Coarse																																				
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																				
NEPC (2013) EILs: Commercial (site specific)																																				
NEPC (2013) ESLs: Commercial, Coarse																																				
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																				
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																				
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																				
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																				
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																				

Location	Field ID	Depth	Date	Lab Report																																		
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

														Organophosphorus Pesticides																					
	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPC (2013) HILs: Commercial				2,000																														
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																		
0m to <1m																																		
>1m to <2m																																		
NEPC (2013) Management Limits: Commercial, Coarse																																		
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																		
NEPC (2013) EILs: Commercial (site specific)																																		
NEPC (2013) ESLs: Commercial, Coarse																																		
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																		
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																		
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																		
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																		
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																		
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																																
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

																		Organophosphorus Pesticides																		
	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPC (2013) HILs: Commercial				2,000																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																			
0m to <1m																																			
>1m to <2m																																			
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SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																			

Location	Field ID	Depth	Date	Lab Report																																	
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

				Chlorinated Alkanes																Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
				1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPC (2013) HILs: Commercial																																						7
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																						
0m to <1m																																						
>1m to <2m																																						
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SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																						
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																						
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																																		
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

JBS&G

					Chlorinated Alkanes																Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
					1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPC (2013) HILs: Commercial																																						7
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																						
0m to <1m																																						
>1m to <2m																																						
NEPC (2013) Management Limits: Commercial, Coarse																																						
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																						
NEPC (2013) EILs: Commercial (site specific)																																						
NEPC (2013) ESLs: Commercial, Coarse																																						
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																						
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																						
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																						
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																						
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																						
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																																		
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

				Chlorinated Alkanes																Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
				1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPC (2013) HILs: Commercial																																						7
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																						
0m to <1m																																						
>1m to <2m																																						
NEPC (2013) Management Limits: Commercial, Coarse																																						
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																						
NEPC (2013) EILs: Commercial (site specific)																																						
NEPC (2013) ESLs: Commercial, Coarse																																						
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																						
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																						
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																						
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																						
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																						
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																																		
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	PFAS																														
	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005	0.005	0.005	0.005
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0m to <1m																															
>1m to <2m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial					50																		20		20						20
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses					10																				1						
PFAS NEMP 2020 Table 3 Interim EIE All land uses																									0.01						
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															

Location	Field ID	Depth	Date	Lab Report																													
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	PFAS																														
	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005	0.005	0.005	0.005
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0m to <1m																															
>1m to <2m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial					50																		20		20						20
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses					10																				1						
PFAS NEMP 2020 Table 3 Interim EIE All land uses																									0.01						
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

																PFAS																
	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005	0.005	0.005	0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0m to <1m																																
>1m to <2m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial					50																		20		20							20
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses					10																				1							
PFAS NEMP 2020 Table 3 Interim EIE All land uses																									0.01							
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																

Location	Field ID	Depth	Date	Lab Report																														
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

	PFAS (cont.)					MAH						Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																						80				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																										
0m to <1m																										
>1m to <2m																										
NEPC (2013) Management Limits: Commercial, Coarse																										
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																										
NEPC (2013) EILs: Commercial (site specific)																										
NEPC (2013) ESLs: Commercial, Coarse																										
PFAS NEMP 2020 Table 3 Interim EDE All land uses																										
PFAS NEMP 2020 Table 3 Interim EIE All land uses																										
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																										
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																										
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																										
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																						
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	PFAS (cont.)					MAH						Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																							80				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																											
0m to <1m																											
>1m to <2m																											
NEPC (2013) Management Limits: Commercial, Coarse																											
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																											
NEPC (2013) EILs: Commercial (site specific)																											
NEPC (2013) ESLs: Commercial, Coarse																											
PFAS NEMP 2020 Table 3 Interim EDE All land uses																											
PFAS NEMP 2020 Table 3 Interim EIE All land uses																											
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																											
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																											
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																											

Location	Field ID	Depth	Date	Lab Report																										
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	PFAS (cont.)					MAH						Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																						80				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																										
0m to <1m																										
>1m to <2m																										
NEPC (2013) Management Limits: Commercial, Coarse																										
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																										
NEPC (2013) EILs: Commercial (site specific)																										
NEPC (2013) ESLs: Commercial, Coarse																										
PFAS NEMP 2020 Table 3 Interim EDE All land uses																										
PFAS NEMP 2020 Table 3 Interim EIE All land uses																										
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																										
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																										
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																										
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																						
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	Acid Sulphate Soils													Acid Sulphate Soils - Other														SPOCAS			
	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent S% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide	KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity
	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%	%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S
LOR	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005	0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02
NEPC (2013) HILs: Commercial																														
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																														
0m to <1m																														
>1m to <2m																														
NEPC (2013) Management Limits: Commercial, Coarse																														
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																														
NEPC (2013) EILs: Commercial (site specific)																														
NEPC (2013) ESLs: Commercial, Coarse																														
PFAS NEMP 2020 Table 3 Interim EDE All land uses																														
PFAS NEMP 2020 Table 3 Interim EIE All land uses																														
SA EPA (2007) ASS Guideline - Sands to Loamy Sands				62	0.1																									
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays				18	0.03																									
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays				36	0.06																									

Location	Field ID	Depth	Date	Lab Report																													
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	19,000	0.043	<1	<10	<0.02	0.083	13	0.13	<2	<2	<2	10	30	29	0.25	15,000	210	52	1.5	34	4.9	<0.005	0.25	0.33	<0.003	<0.02	93	2.0	23	<0.02
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	6,800	0.057	<1	<10	<0.02	0.063	10	0.12	<2	<2	<2	8.0	11	14	0.32	7,200	260	39	1.5	15	0.23	0.006	0.33	0.42	<0.003	<0.02	34	2.0	11	<0.02
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	17,000	0.022	<1	<10	<0.02	0.038	13	0.060	<2	<2	<2	9.3	27	30	0.31	15,000	260	24	1.5	34	4.6	<0.005	0.31	0.41	<0.003	<0.02	84	2.0	24	<0.02
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	1,600	0.095	<1	<10	<0.02	<0.005	11	0.041	<2	<2	<2	8.0	2.6	2.4	0.18	1,200	150	<2	1.5	2.8	0.46	<0.005	0.18	0.24	<0.003	<0.02	8.0	2.0	1.9	<0.02
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	5,400	0.11	<1	<10	<0.02	0.070	11	0.18	<2	<2	<2	7.9	8.7	10	0.33	5,100	280	43	1.5	11	0.47	<0.005	0.33	0.44	<0.003	<0.02	27	2.0	8.2	<0.02
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	16,000	0.022	<1	<10	<0.02	0.023	13	0.045	<2	<2	<2	12	26	25	0.39	12,000	320	14	1.5	30	5.0	<0.005	0.39	0.52	<0.003	<0.02	81	2.0	20	<0.02
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	4,500	0.068	<1	<10	<0.02	0.070	9.7	0.14	<2	<2	<2	7.7	7.2	9.3	0.41	4,600	340	44	1.5	9.7	0.38	0.012	0.42	0.54	<0.003	<0.02	23	2.0	7.4	<0.02
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	4,900	0.13	<1	<10	<0.02	0.061	11	0.19	<2	<2	<2	7.8	7.8	8.9	0.42	4,500	340	38	1.5	9.4	0.50	<0.005	0.42	0.55	<0.003	<0.02	24	2.0	7.1	<0.02
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	3,900	0.048	<1	<10	<0.02	0.039	10.0	0.087	<2	<2	<2	8.8	6.3	6.7	0.44	3,400	360	24	1.5	7.0	0.24	0.020	0.46	0.57	<0.003	<0.02	20	2.0	5.4	<0.02
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

				Acid Sulphate Soils												Acid Sulphate Soils - Other												SPOCAS			
				Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent S% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide	KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity
				mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%	%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S
LOR				10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005	0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0m to <1m																																
>1m to <2m																																
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SA EPA (2007) ASS Guideline - Sands to Loamy Sands							62	0.1																								
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays							18	0.03																								
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays							36	0.06																								
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																												
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	2,800	0.061	<1	<10	<0.02	0.036	9.7	0.097	<2	<2	<2	8.6	4.4	5.0	0.23	2,500	190	22	1.5	5.3	0.25	0.018	0.25	0.31	<0.003	<0.02	14	2.0	4.0	<0.02
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	2,500	0.12	<1	<10	<0.02	0.097	9.7	0.21	<2	<2	<2	8.0	3.9	5.0	0.40	2,500	330	61	1.5	5.3	0.33	0.016	0.42	0.53	<0.003	<0.02	12	2.0	4.0	<0.02
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	8,200	0.059	<1	<10	<0.02	0.10	11	0.16	<2	<2	<2	8.3	13	18	0.19	8,800	150	65	1.5	18	0.34	<0.005	0.19	0.24	<0.003	<0.02	41	2.0	14	<0.02
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	1,000	0.006	<1	<10	<0.02	<0.005	9.8	<0.005	<2	<2	<2	7.6	1.7	2.5	0.066	1,200	54	<2	1.5	2.6	0.15	0.008	0.074	0.087	<0.003	<0.02	5.2	2.0	2.0	<0.02
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	12,000	0.93	<1	<10	<0.02	0.12	11	1.0	<2	<2	<2	8.7	19	25	0.30	12,000	250	73	1.5	26	1.6	0.005	0.31	0.40	<0.003	<0.02	60	2.0	20	<0.02
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	5,900	0.20	<1	<10	<0.02	0.028	11	0.23	<2	<2	<2	7.8	9.4	12	0.29	5,800	240	17	1.5	12	0.51	<0.005	0.29	0.38	<0.003	<0.02	29	2.0	9.3	<0.02
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	3,500	0.14	<1	<10	<0.02	0.058	9.7	0.20	<2	<2	<2	8.1	5.6	6.1	0.26	3,100	220	36	1.5	6.4	0.29	0.037	0.30	0.35	<0.003	<0.02	17	2.0	4.9	<0.02
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	12,000	0.33	<1	<10	<0.02	0.079	11	0.41	<2	<2	<2	7.7	19	25	0.30	12,000	250	49	1.5	25	0.64	<0.005	0.30	0.39	<0.003	<0.02	61	2.0	20	<0.02
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	12,000	0.21	<1	<10	<0.02	0.10	12	0.31	<2	<2	<2	8.4	19	23	0.36	12,000	290	62	1.5	24	0.95	<0.005	0.36	0.47	<0.003	<0.02	59	2.0	19	<0.02
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	2,200	0.11	<1	<10	<0.02	0.024	9.6	0.13	<2	<2	<2	7.8	3.6	4.3	0.16	2,200	130	15	1.5	4.6	0.24	0.021	0.18	0.21	<0.003	<0.02	11	2.0	3.5	<0.02
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	12,000	0.026	<1	<10	<0.02	0.046	9.4	0.072	<2	<2	<2	7.6	19	25	0.19	12,000	150	29	1.5	25	0.18	0.018	0.20	0.25	<0.003	<0.02	60	2.0	20	<0.02
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	8,700	0.14	<1	<10	<0.02	0.11	10	0.26	<2	<2	<2	7.8	14	17	0.34	8,700	280	69	1.5	18	0.25	0.037	0.38	0.45	<0.003	<0.02	44	2.0	14	<0.02
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	5,400	0.091	<1	<10	<0.02	0.072	9.7	0.16	<2	<2	<2	7.8	8.7	8.8	0.29	4,400	240	45	1.5	9.1	0.26	0.037	0.32	0.38	<0.003	<0.02	27	2.0	7.0	<0.02
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

				Acid Sulphate Soils												Acid Sulphate Soils - Other														SPOCAS			
				Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent %S pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide	KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity
				mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t		%	%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S
LOR				10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005	0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0m to <1m																																
>1m to <2m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands							62	0.1																								
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays							18	0.03																								
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays							36	0.06																								
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																												
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	6,800	0.24	<1	<10	<0.02	0.098	9.7	0.34	<2	<2	<2	7.6	11	14	0.33	7,200	270	61	1.5	15	0.51	0.013	0.34	0.43	<0.003	<0.02	34	2.0	12	<0.02
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	3,000	0.15	<1	<10	<0.02	0.065	9.6	0.21	<2	<2	<2	7.6	4.8	6.7	0.38	3,300	310	41	1.5	7.0	0.31	0.033	0.41	0.50	<0.003	<0.02	15	2.0	5.4	<0.02
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	5,200	0.28	<1	<10	<0.02	0.096	9.9	0.38	<2	<2	<2	7.8	8.3	11	0.33	5,600	270	60	1.5	12	0.62	0.010	0.34	0.44	<0.003	<0.02	26	2.0	9.0	<0.02
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	7,100	0.42	<1	<10	<0.02	0.12	11	0.54	<2	<2	<2	7.8	11	14	0.57	7,000	470	73	1.5	15	0.73	<0.005	0.57	0.75	<0.003	<0.02	36	2.0	11	<0.02
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	4,100	0.13	<1	<10	<0.02	0.086	9.5	0.21	<2	<2	<2	7.6	6.6	9.0	0.34	4,500	280	54	1.5	9.3	0.30	0.031	0.38	0.45	<0.003	<0.02	21	2.0	7.2	<0.02
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	9,300	0.51	<1	<10	<0.02	0.25	12	0.76	<2	<2	<2	9.0	15	18	0.56	9,100	460	160	1.5	20	1.5	<0.005	0.56	0.74	<0.003	<0.02	46	2.0	15	<0.02
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	4,700	0.030	<1	<10	<0.02	0.042	9.9	0.072	<2	<2	<2	7.7	7.5	8.3	0.36	4,200	300	26	1.5	8.5	0.16	0.024	0.39	0.48	<0.003	<0.02	23	2.0	6.7	<0.02
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	5,200	0.021	<1	<10	<0.02	0.045	9.8	0.066	<2	<2	<2	7.7	8.3	8.8	0.37	4,400	310	28	1.5	9.0	0.16	0.023	0.40	0.49	<0.003	<0.02	26	2.0	7.1	<0.02
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	5,200	0.11	<1	<10	<0.02	0.059	9.7	0.17	<2	<2	<2	7.8	8.4	9.4	0.32	4,700	260	37	1.5	9.7	0.25	0.037	0.35	0.42	<0.003	<0.02	26	2.0	7.5	<0.02
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	11,000	0.35	<1	<10	<0.02	0.047	11	0.39	<2	<2	<2	7.7	17	23	0.36	12,000	300	29	1.5	24	0.78	<0.005	0.36	0.48	<0.003	<0.02	54	2.0	19	<0.02
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

			Organic Sulfur Compounds	Non-Metallic Inorganics	Ionic Balance				EPA VIC - IWRG621				Particle Size			Asbestos		Organotin							Other				
			Carbon disulfide	Cyanide Total	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	Approximate Sample Mass	Asbestos FA & AF in Soil	Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Moisture Content (dried @ 103°C)	TOC	Analysed Material	Extraneous Material	Iron (%)
			mg/kg	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	g	% (w/w)	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	%	%	%	%	%
LOR			0.5	5	0.5	10	0.1	0.1	0.5	0.5	0.1	0.1	2.5	0.005	0.005			750	500	1,000	500	1,250	500	1.25	1	0.1	0.1	0.1	0.01
NEPC (2013) HILs: Commercial																													
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																													
0m to <1m																													
>1m to <2m																													
NEPC (2013) Management Limits: Commercial, Coarse																													
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																													
NEPC (2013) EILs: Commercial (site specific)																													
NEPC (2013) ESLs: Commercial, Coarse																													
PFAS NEMP 2020 Table 3 Interim EDE All land uses																													
PFAS NEMP 2020 Table 3 Interim EIE All land uses																													
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																													
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																													
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																													
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																									
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.5	<5	-	-	-	9.2	<0.5	<0.5	0.1	0.1	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	2.3	-	-	-	-
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	250	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	<0.5	-	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-	-	-
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	<5	-	-	-	13	-	-	-	-	-	20	1.7	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	20	-	92	7.6	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	15	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	110	2.8	-	-	-	-	-	-	-	-	-	15	-	97	2.5	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	932	<0.001	-	-	-	-	-	-	-	5.1	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	170	6.4	-	-	-	-	-	-	-	-	-	13	-	96	3.6	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	<5	-	-	-	13	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	14	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	-	-	-
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	305	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	<5	-	-	-	10	-	-	-	-	-	17	9.0	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	8.7	-	65	35	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.5	-	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	360	4,500	13	-	-	-	-	-	<2.5	-	-	-	-	-	-	-	-	-	-	-	9.7	6.0	-	-	0.19
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	<5	-	-	-	9.7	-	-	-	-	-	16	4.4	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	8.1	-	78	22	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	352	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	478	<0.001	-	-	-	-	-	-	-	8.5	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	<5	-	-	-	13	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	18	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	470	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	<5	-	-	-	13	-	-	-	-	-	21	0.83	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	18	-	96	3.8	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.5	-	-	-	-	7.7	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.1	-	-	-	-
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	5.5	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	160	90	-	-	-	-	-	-	-	-	-	7.2	-	64	36	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	304	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.5	-	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	9.2	-	-	-	-
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	275	<0.001	-	-	-	-	-	-	-	4.1	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.5	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<5	-	-	-	9.2	<0.5	<0.5	<0.1	<0.1	-	20	4.4	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	9.6	-	82	18	-
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.5	-	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	<0.5	<5	-	-	-	9.7	<0.5	<0.5	-	-	-	18	7.1	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	8.9	-	71	29	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	963	<0.001	-	-	-	-	-	-	-	2.5	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	<0.5	<5	-	-	-	9.1	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	7.3	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

	Organic Sulfur Compounds	Non-Metallic Inorganics	Ionic Balance				EPA VIC - IWRG621				Particle Size			Asbestos		Organotin							Other				
	Carbon disulfide	Cyanide Total	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	Approximate Sample Mass	Asbestos FA & AF in Soil	Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Moisture Content (dried @ 103°C)	TOC	Analysed Material	Extraneous Material	Iron (%)
	mg/kg	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	g	% (w/w)	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	%	%	%	%	%
LOR	0.5	5	0.5	10	0.1	0.1	0.5	0.5	0.1	0.1	2.5	0.005	0.005			750	500	1,000	500	1,250	500	1.25	1	0.1	0.1	0.1	0.01
NEPC (2013) HILs: Commercial																											
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																											
0m to <1m																											
>1m to <2m																											
NEPC (2013) Management Limits: Commercial, Coarse																											
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																											
NEPC (2013) EILs: Commercial (site specific)																											
NEPC (2013) ESLs: Commercial, Coarse																											
PFAS NEMP 2020 Table 3 Interim EDE All land uses																											
PFAS NEMP 2020 Table 3 Interim EIE All land uses																											
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																											
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																											
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																											
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	456	<0.001	-	-	-	-	-	-	-	4.3	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	<5	-	-	-	8.6	-	-	-	-	-	16	13	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	9.9	-	55	45	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	744	<0.001	-	-	-	-	-	-	-	2.8	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	99	170	-	-	-	-	-	-	-	-	-	5.5	-	37	63	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	9.0	-	-	-	-	-	-	-	697	<0.001	<750	<500	<1,000	<500	<1,250	<500	<1.25	13	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	477	<0.001	-	-	-	-	-	-	-	14	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	11	-	-	-	-	-	150	44	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	11	-	77	23	-
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	70	<0.01	-	-	-	-	-	-	-	7.2	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	9.6	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	5.5	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	190	31	-	-	-	-	-	-	-	-	-	3.4	-	86	14	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	85	7.3	-	-	-	-	-	-	-	-	-	46	-	92	7.9	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	346	<0.01	-	-	-	-	-	-	-	3.8	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	-	-	-	-	-	11	-	-	-	-	-	78	30	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	12	-	72	28	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.5	-	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	<5	-	-	-	9.6	-	-	-	-	-	27	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	5.7	-	100	<0.1	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	2.9	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	425	<0.001	-	-	-	-	-	-	-	4.2	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.7	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.5	-	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	344	<0.001	-	-	-	-	-	-	-	4.7	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	-	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	<5	44	3,600	10	11	-	-	-	-	5.0	83	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	22	1.8	100	<0.1	0.59
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.0	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	<0.2	<0.1	-	-	-	517	<0.001	-	-	-	-	-	-	-	6.3	-	-	-	-
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	<5	-	-	-	8.7	-	-	-	-	-	160	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	21	-	100	<0.1	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<5	-	-	-	9.6	<0.5	<0.5	-	-	-	23	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	6.7	-	100	<0.1	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	313	<0.01	-	-	-	-	-	-	-	7.7	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	14	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	71	110	-	-	-	-	-	-	-	-	-	4.7	-	39	61	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	-
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	<5	-	-	-	9.4	-	-	-	-	-	180	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	10	-	100	<0.1	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	<0.5	-	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	391	<0.001	-	-	-	-	-	-	-	3.7	-	-	-	-
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	534	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	0.47	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<5	-	-	-	8.9	<0.5	<0.5	-	-	-	28	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	7.2	-	100	<0.1	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	376	<0.001	-	-	-	-	-	-	-	11	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	5.3	-	-	-	-
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	359	<0.001	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS CRITEIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

Project Number: 67064

Project Name: NPSCY EIS

					Organic Sulfur Compounds	Non-Metallic Inorganics	Ionic Balance				EPA VIC - IWRG621				Particle Size			Asbestos		Organotin							Other				
					Carbon disulfide	Cyanide Total	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	Approximate Sample Mass	Asbestos FA & AF in Soil	Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Moisture Content (dried @ 103°C)	TOC	Analysed Material	Extraneous Material	Iron (%)
					mg/kg	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	g	% (w/w)	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	%	%	%	%	%
LOR					0.5	5	0.5	10	0.1	0.1	0.5	0.5	0.1	0.1	2.5	0.005	0.005			750	500	1,000	500	1,250	500	1.25	1	0.1	0.1	0.1	0.01
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0m to <1m																															
>1m to <2m																															
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SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																											
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	800	<0.001	-	-	-	-	-	-	-	3.9	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	8.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	<5	-	-	-	-	-	-	-	-	-	150	8.2	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	14	-	95	5.3	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	<0.5	-	-	-	-	7.9	<0.5	<0.5	<0.1	<0.1	-	190	9.8	-	-	-	-	-	-	-	-	-	8.7	-	95	5.0	-
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	926	<0.001	-	-	-	-	-	-	-	4.3	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	10	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	150	3.0	-	-	-	-	-	-	-	-	-	18	-	98	1.9	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	455	<0.001	-	-	-	-	-	-	-	3.4	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	<5	-	-	-	9.7	-	-	-	-	-	130	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	17	-	100	<0.1	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	9.0	-	-	-	-	-	-	-	456	<0.001	-	-	-	-	-	-	-	5.1	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	-	-	-	-	9.2	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.5	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	<5	30	1,200	8.2	8.4	-	-	<0.1	<0.1	4.0	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	12	2.5	-	-	0.47
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	-	-	-	-	9.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	12	-	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	<0.5	<5	-	-	-	7.6	<0.5	<0.5	-	-	-	190	6.3	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	11	-	97	3.2	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	791	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	<0.5	<5	-	-	-	8.8	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	10	-	-	-	-
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	12	-	-	-	-	-	150	6.9	-	-	-	-	-	-	-	-	-	20	-	96	4.4	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	537	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	<0.5	<5	-	-	-	9.1	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	15	-	-	-	-
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	157	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	<0.5	-	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	<5	27	300	8.5	8.9	-	-	-	-	2.5	180	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	6.5	<0.1	100	<0.1	0.10
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.5	-	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	<5	-	-	-	7.5	-	-	-	-	-	150	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	5.9	-	100	<0.1	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.5	-	-	-	-	11	<0.5	<0.5	-	-	-	-	-	353	<0.001	-	-	-	-	-	-	-	5.6	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	<5	-	-	-	8.8	-	-	-	-	-	140	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	11	-	100	<0.1	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	859	<0.001	-	-	-	-	-	-	-	4.9	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	<0.5	-	-	-	-	8.5	<0.5	<0.5	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	8.7	-	-	-	-
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	40	<0.005	-	-	-	-	-	-	-	-	-	29	-	100	<0.1	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	525	<0.001	-	-	-	-	-	-	-	3.7	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	<0.5	-	-	-	-	8.8	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	<5	-	-	-	11	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	17	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Metals & Metalloids									TPHs (NEPC 1999)					TPHs (NEPC 1999) - Silica Gel				TRHs (NEPC 2013)							TRHs (NEPC 2013) - Silica Gel			
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C10-C14 Fraction (SG)	C15-C28 Fraction (SG)	C29-C36 Fraction (SG)	C10 - C36 Fraction (Sum of Total) (SG)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	>C10-C16 Fraction (SG)	>C16-C34 Fraction (SG)	>C34-C40 Fraction (SG)	>C10 - C40 Fraction (sum) (SG)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	50	100	20	50	100	100	100	20	50	50	100	100	100
SA EPA (2010) Waste Fill					20	3		60		300	1	60	200	65				1,000															
SA EPA (2010) Intermediate Waste Soil					200	30		2,000		1,200	30	600	14,000	100				1,000															
SA EPA (2010) Low Level Waste Soil					750	60		7,500		5,000	110	3,000	50,000	1,000				10,000															
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																													
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	2.9	1.5	<5	<5	-	52	<0.1	<5	24	<20	<20	<50	65	65	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	3.7	0.9	9.5	8.3	-	26	<0.1	<5	210	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	2.9	<0.4	7.2	6.1	-	9.0	<0.1	<5	16	<20	<20	<50	100	100	-	-	-	-	<20	<50	<100	110	110	<20	<50	-	-	-	-
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	4.6	<0.4	<5	8.2	-	<5	<0.1	8.6	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	3.5	<0.4	6.0	12	-	6.8	<0.1	5.5	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	5.2	<0.4	21	13	-	9.7	<0.1	10.0	24	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	6.4	0.7	19	17	-	27	<0.1	19	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	6.0	<0.4	14	11	-	20	<0.1	6.9	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	18	0.5	21	35	-	34	<0.1	27	110	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	3.2	<0.4	<5	13	-	7.6	<0.1	5.0	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	9.0	<0.4	16	21	-	14	<0.1	11	50	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<2	<0.4	<5	9.7	-	<5	<0.1	7.9	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	3.9	<0.4	12	15	-	32	<0.1	7.5	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	4.7	<0.4	10	14	-	86	<0.1	6.3	55	<20	<20	<50	210	210	-	-	-	-	<20	<50	190	220	410	<20	<50	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	3.0	<0.4	<5	13	-	<5	<0.1	5.6	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	25	0.4	14	26	-	50	<0.1	14	140	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	5.1	0.7	9.4	11	-	53	<0.1	5.7	50	<20	<20	400	240	640	-	-	-	-	<20	<50	570	150	720	<20	<50	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	4.8	<0.4	18	15	-	35	<0.1	9.3	48	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	4.7	<0.4	12	12	-	18	<0.1	6.9	30	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<2	<0.4	<5	<5	1,900	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	3.7	<0.4	8.5	9.4	-	24	<0.1	6.6	27	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	4.2	<0.4	12	47	-	28	<0.1	7.6	47	<20	<20	<50	200	200	-	-	-	-	<20	<50	180	190	370	<20	<50	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	3.7	<0.4	9.7	15	-	31	<0.1	5.1	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	3.5	<0.4	9.6	10	-	13	<0.1	6.5	20	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	3.8	<0.4	<5	9.2	-	<5	<0.1	6.7	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	2.8	<0.4	<5	6.9	-	<5	<0.1	5.9	<5	<20	<20	53	<50	53	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	2.7	<0.4	<5	6.8	-	<5	<0.1	5.9	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	7.0	<0.4	11	17	-	8.3	<0.1	7.2	39	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	8.2	<0.4	240	15	-	760	<0.1	11	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	3.2	<0.4	20	14	-	14	<0.1	11	34	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	5.0	<0.4	9.7	16	-	14	<0.1	7.7	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	4.8	<0.4	14	10	-	20	<0.1	8.5	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	3.9	<0.4	8.2	10	-	16	<0.1	<5	25	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	6.7	<0.4	25	18	-	22	0.1	11	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	11	<0.4	17	13	-	15	<0.1	13	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	4.3	<0.4	11	12	-	21	<0.1	6.0	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	4.6	<0.4	12	12	-	25	<0.1	6.7	41	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	4.5	<0.4	23	13	-	15	<0.1	11	45	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	9.9	<0.4	13	27	-	21	<0.1	9.9	49	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	5.4	<0.4	16	19	-	25	<0.1	11	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	6.3	<0.4	12	14	-	16	<0.1	10	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	5.1	<0.4	19	18	-	25	<0.1	12	98	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	7.9	<0.4	17	14	-	14	<0.1	11	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	5.1	<0.4	26	19	-	35	<0.1	17	52	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	5.9	<0.4	25	17	-	15	<0.1	16	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	9.1	<0.4	13	14	-	14	<0.1	8.8	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	7.3	<0.4	24	21	-	28	<0.1	15	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

	Metals & Metalloids									TPHs (NEPC 1999)					TPHs (NEPC 1999) - Silica Gel				TRHs (NEPC 2013)							TRHs (NEPC 2013) - Silica Gel			
	Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C10-C14 Fraction (SG)	C15-C28 Fraction (SG)	C29-C36 Fraction (SG)	C10 - C36 Fraction (Sum of Total) (SG)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	>C10-C16 Fraction (SG)	>C16-C34 Fraction (SG)	>C34-C40 Fraction (SG)	>C10 - C40 Fraction (sum) (SG)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	50	100	20	50	100	100	100	20	50	50	100	100	100
SA EPA (2010) Waste Fill	20	3		60		300	1	60	200	65				1,000															
SA EPA (2010) Intermediate Waste Soil	200	30		2,000		1,200	30	600	14,000	100				1,000															
SA EPA (2010) Low Level Waste Soil	750	60		7,500		5,000	110	3,000	50,000	1,000				10,000															

Location	Field ID	Depth	Date	Lab Report																										
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	15	<0.4	34	27	-	9.3	<0.1	24	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	5.8	0.5	16	13	-	36	<0.1	6.7	30	<20	<20	<50	74	74	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	4.8	<0.4	20	13	-	14	<0.1	9.3	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	8.6	<0.4	11	17	-	9.0	<0.1	12	21	<20	<20	<50	<50	51	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	3.6	<0.4	9.2	9.3	-	10	<0.1	7.1	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	3.4	<0.4	5.1	10	-	13	<0.1	<5	28	<20	<20	<50	<50	54	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	5.9	<0.4	12	13	-	29	<0.1	7.3	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	110	10	23	77	-	940	0.2	54	590	<20	<20	<50	<50	82	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	5.5	<0.4	14	12	-	13	<0.1	11	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	6.7	1.9	8.1	16	-	300	0.2	14	67	<20	<20	<50	<50	57	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	5,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	4.8	<0.4	16	11	-	17	<0.1	6.6	62	<20	<20	<50	91	97	-	-	-	-	<20	<50	100	<100	100	<20	<50	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	2.7	<0.4	<5	<5	-	7.3	<0.1	<5	15	<20	<20	<50	<50	57	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	4.8	<0.4	12	12	-	14	<0.1	7.8	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<2	<0.4	<5	6.0	-	<5	<0.1	<5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	3.9	<0.4	18	10	-	23	<0.1	8.2	120	<20	73	2,000	1,100	3,400	-	-	-	-	<20	180	2,700	700	3,580	<20	180	-	-	-	-
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<20	<50	<50	<50	-	-	-	-	-	-	-	<50	<100	<100	<100
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	6.4	0.5	5.9	26	-	71	<0.1	6.8	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	7.2	<0.4	24	14	-	67	<0.1	12	84	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	2.8	<0.4	5.6	50	-	23	<0.1	<5	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	5.2	<0.4	16	21	-	8.2	<0.1	14	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	<2	<0.4	<5	10	-	<5	<0.1	16	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	12	0.5	23	24	-	22	<0.1	26	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	4.5	<0.4	12	16	-	<5	<0.1	13	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	2.7	<0.4	<5	5.5	-	<5	<0.1	6.3	9.6	<20	<20	100	55	160	-	-	-	-	<20	<50	130	<100	130	<20	<50	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	4.1	<0.4	10	12	-	19	<0.1	7.5	27	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	9.7	<0.4	13	130	-	26	<0.1	9.6	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	2.6	<0.4	5.2	13	-	13	<0.1	<5	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	4.8	<0.4	10	15	-	21	<0.1	7.6	42	<20	<20	<50	<50	52	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	3.9	<0.4	<5	14	-	<5	<0.1	<5	17	<20	<20	<50	<50	55	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	5.9	<0.4	17	11	-	23	<0.1	8.1	45	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	3.1	<0.4	6.4	7.7	-	24	<0.1	<5	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	6.0	<0.4	14	13	-	24	<0.1	6.7	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	6.1	<0.4	22	20	-	58	0.1	9.7	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	6.8	<0.4	25	12	-	34	<0.1	12	42	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	3.6	0.5	<5	<5	-	25	<0.1	<5	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	4.8	<0.4	10	12	-	17	<0.1	9.3	41	<20	<20	<50	<50	53	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	4.5	0.5	8.3	11	-	51	<0.1	6.6	38	<20	<20	<50	<50	55	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	4.1	0.7	8.8	15	-	62	<0.1	11	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	2.9	<0.4	6.6	8.7	-	11	<0.1	<5	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	4.6	<0.4	7.6	9.4	-	24	<0.1	<5	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	<2	<0.4	<5	8.8	-	<5	<0.1	<5	9.1	<20	<20	<50	<50	56	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	3.3	<0.4	7.9	9.0	-	16	<0.1	5.3	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	4.1	<0.4	8.1	11	-	27	<0.1	5.8	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	3.2	<0.4	21	6.3	4,700	13	<0.1	7.4	29	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	5.5	<0.4	23	14	-	82	<0.1	11	83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	6.8	1.0	8.6	25	-	110	0.1	9.3	130	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	3.2	<0.4	12	7.0	-	14	<0.1	6.1	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

				Metals & Metalloids									TPHs (NEPC 1999)					TPHs (NEPC 1999) - Silica Gel				TRHs (NEPC 2013)							TRHs (NEPC 2013) - Silica Gel			
				Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C10-C14 Fraction (SG)	C15-C28 Fraction (SG)	C29-C36 Fraction (SG)	C10 - C36 Fraction (Sum of Total) (SG)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	>C10-C16 Fraction (SG)	>C16-C34 Fraction (SG)	>C34-C40 Fraction (SG)	>C10 - C40 Fraction (sum) (SG)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	50	100	20	50	100	100	100	20	50	50	100	100	100
SA EPA (2010) Waste Fill				20	3		60		300	1	60	200	65				1,000														
SA EPA (2010) Intermediate Waste Soil				200	30		2,000		1,200	30	600	14,000	100				1,000														
SA EPA (2010) Low Level Waste Soil				750	60		7,500		5,000	110	3,000	50,000	1,000				10,000														
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																												
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	4.0	0.5	19	10	-	30	<0.1	8.7	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	5.4	0.7	18	18	-	69	<0.1	12	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	6.4	<0.4	13	13	-	30	<0.1	9.5	50	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	4.9	<0.4	9.7	11	-	62	<0.1	7.1	37	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	4.0	<0.4	11	11	-	28	<0.1	6.6	33	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<2	<0.4	<5	<5	1,000	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	8.7	<0.4	21	21	-	21	<0.1	11	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	5.8	<0.4	13	14	-	37	<0.1	9.2	43	<20	<20	<50	<50	<50	-	-	-	-	<20	<50	<100	<100	<100	<20	<50	-	-	-	-
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	5.7	<0.4	11	9.5	-	11	<0.1	11	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	3.8	<0.4	6.8	9.2	-	22	<0.1	<5	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					BTEXN							PAH																				
					Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene_VOC	Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA (2010) Waste Fill					1	1.4	3.1			14						1															5
SA EPA (2010) Intermediate Waste Soil					5	50	100			180						2															40
SA EPA (2010) Low Level Waste Soil					15	500	1,000			1,800						5															200
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																											
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

								BTEXN							PAH																	
								Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene_VOC	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR								0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA (2010) Waste Fill								1	1.4	3.1			14						1														5
SA EPA (2010) Intermediate Waste Soil								5	50	100			180						2														40
SA EPA (2010) Low Level Waste Soil								15	500	1,000			1,800						5														200
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																													
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	1.8	<0.5	<0.5	<0.5	0.9	1.8	5.0		
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					BTEXN							PAH																				
	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene_VOC	Acenaphthene	Acenaphthylene	Anthracene	Benz[a]anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA (2010) Waste Fill	1	1.4	3.1			14						1															5
SA EPA (2010) Intermediate Waste Soil	5	50	100			180						2															40
SA EPA (2010) Low Level Waste Soil	15	500	1,000			1,800						5															200
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides																					
					4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	Aldrin + Dieldrin	Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					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	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
SA EPA (2010) Waste Fill												2	2	2									2			
SA EPA (2010) Intermediate Waste Soil												2	2	2									2			
SA EPA (2010) Low Level Waste Soil												50	50	50									50			
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																						
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

								Organochlorine Pesticides															
								4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	Aldrin + Dieldrin	Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
								mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR								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	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
SA EPA (2010) Waste Fill															2	2	2									2			
SA EPA (2010) Intermediate Waste Soil															2	2	2									2			
SA EPA (2010) Low Level Waste Soil															50	50	50									50			
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																									
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.05	<0.05	<0.05	<0.05	<0.05	<0.1	<0.2	<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	<0.05	<0.05	<0.05	<0.05	<0.5
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.47	0.47	<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	<0.5
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

									Organochlorine Pesticides																
									4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	Aldrin + Dieldrin	Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR									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	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
SA EPA (2010) Waste Fill																2	2	2									2			
SA EPA (2010) Intermediate Waste Soil																2	2	2									2			
SA EPA (2010) Low Level Waste Soil																50	50	50									50			
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																										
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organophosphorus Pesticides																																			
					Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SA EPA (2010) Waste Fill																																						
SA EPA (2010) Intermediate Waste Soil																																						
SA EPA (2010) Low Level Waste Soil																																						
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																																		
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

																			Organophosphorus Pesticides																				
							Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion	Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion
							mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR							0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SA EPA (2010) Waste Fill																																						
SA EPA (2010) Intermediate Waste Soil																																						
SA EPA (2010) Low Level Waste Soil																																						
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																																		
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

																			Organophosphorus Pesticides																		

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes																		Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls								
					1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SA EPA (2010) Waste Fill																																									2
SA EPA (2010) Intermediate Waste Soil																									14																2
SA EPA (2010) Low Level Waste Soil																									25.2																50
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																																						
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes																	Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls								
					1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SA EPA (2010) Waste Fill																																								2
SA EPA (2010) Intermediate Waste Soil																									14															2
SA EPA (2010) Low Level Waste Soil																									25.2															50
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																																					
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes																		Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls								
					1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SA EPA (2010) Waste Fill																																									2
SA EPA (2010) Intermediate Waste Soil																									14																	2
SA EPA (2010) Low Level Waste Soil																									25.2																	50
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																																						
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																														
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005	0.005	0.005	0.005
SA EPA (2010) Waste Fill																																				
SA EPA (2010) Intermediate Waste Soil																																				
SA EPA (2010) Low Level Waste Soil																																				
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																																
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																												
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005	0.005	0.005
SA EPA (2010) Waste Fill																																		
SA EPA (2010) Intermediate Waste Soil																																		
SA EPA (2010) Low Level Waste Soil																																		
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																														
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

						PFAS																											
						Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)	1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR						0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005	0.005	0.005
SA EPA (2010) Waste Fill																																	
SA EPA (2010) Intermediate Waste Soil																																	
SA EPA (2010) Low Level Waste Soil																																	
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																													
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

	PFAS (cont.)					MAH						Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
SA EPA (2010) Waste Fill																										
SA EPA (2010) Intermediate Waste Soil																										
SA EPA (2010) Low Level Waste Soil																										

Location	Field ID	Depth	Date	Lab Report																										
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

						PFAS (cont.)					MAH						Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
						Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
						mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR						0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
SA EPA (2010) Waste Fill																															
SA EPA (2010) Intermediate Waste Soil																															
SA EPA (2010) Low Level Waste Soil																															
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																											
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012		<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721		-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

				PFAS (cont.)					MAH						Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes				
				Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
				mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
SA EPA (2010) Waste Fill																															
SA EPA (2010) Intermediate Waste Soil																															
SA EPA (2010) Low Level Waste Soil																															
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																											
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils												Acid Sulphate Soils - Other													SPOCAS			
					Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent S% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide	KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity
					mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%	%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S
LOR					10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005	0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02
SA EPA (2010) Waste Fill																																	
SA EPA (2010) Intermediate Waste Soil																																	
SA EPA (2010) Low Level Waste Soil																																	
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																													
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	19,000	0.043	<1	<10	<0.02	0.083	13	0.13	<2	<2	<2	10	30	29	0.25	15,000	210	52	1.5	34	4.9	<0.005	0.25	0.33	<0.003	<0.02	93	2.0	23	<0.02
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	6,800	0.057	<1	<10	<0.02	0.063	10	0.12	<2	<2	<2	8.0	11	14	0.32	7,200	260	39	1.5	15	0.23	0.006	0.33	0.42	<0.003	<0.02	34	2.0	11	<0.02
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	17,000	0.022	<1	<10	<0.02	0.038	13	0.060	<2	<2	<2	9.3	27	30	0.31	15,000	260	24	1.5	34	4.6	<0.005	0.31	0.41	<0.003	<0.02	84	2.0	24	<0.02
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	1,600	0.095	<1	<10	<0.02	<0.005	11	0.041	<2	<2	<2	8.0	2.6	2.4	0.18	1,200	150	<2	1.5	2.8	0.46	<0.005	0.18	0.24	<0.003	<0.02	8.0	2.0	1.9	<0.02
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	5,400	0.11	<1	<10	<0.02	0.070	11	0.18	<2	<2	<2	7.9	8.7	10	0.33	5,100	280	43	1.5	11	0.47	<0.005	0.33	0.44	<0.003	<0.02	27	2.0	8.2	<0.02
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	16,000	0.022	<1	<10	<0.02	0.023	13	0.045	<2	<2	<2	12	26	25	0.39	12,000	320	14	1.5	30	5.0	<0.005	0.39	0.52	<0.003	<0.02	81	2.0	20	<0.02
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	4,500	0.068	<1	<10	<0.02	0.070	9.7	0.14	<2	<2	<2	7.7	7.2	9.3	0.41	4,600	340	44	1.5	9.7	0.38	0.012	0.42	0.54	<0.003	<0.02	23	2.0	7.4	<0.02
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	4,900	0.13	<1	<10	<0.02	0.061	11	0.19	<2	<2	<2	7.8	7.8	8.9	0.42	4,500	340	38	1.5	9.4	0.50	<0.005	0.42	0.55	<0.003	<0.02	24	2.0	7.1	<0.02
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	3,900	0.048	<1	<10	<0.02	0.039	10.0	0.087	<2	<2	<2	8.8	6.3	6.7	0.44	3,400	360	24	1.5	7.0	0.24	0.020	0.46	0.57	<0.003	<0.02	20	2.0	5.4	<0.02
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	2,800	0.061	<1	<10	<0.02	0.036	9.7	0.097	<2	<2	<2	8.6	4.4	5.0	0.23	2,500	190	22	1.5	5.3	0.25	0.018	0.25	0.31	<0.003	<0.02	14	2.0	4.0	<0.02
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	2,500	0.12	<1	<10	<0.02	0.097	9.7	0.21	<2	<2	<2	8.0	3.9	5.0	0.40	2,500	330	61	1.5	5.3	0.33	0.016	0.42	0.53	<0.003	<0.02	12	2.0	4.0	<0.02
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	8,200	0.059	<1	<10	<0.02	0.10	11	0.16	<2	<2	<2	8.3	13	18	0.19	8,800	150	65	1.5	18	0.34	<0.005	0.19	0.24	<0.003	<0.02	41	2.0	14	<0.02

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

				Acid Sulphate Soils													Acid Sulphate Soils - Other														SPOCAS			
				Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent S% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide	KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity
				mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%	%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S
LOR				10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005	0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02
SA EPA (2010) Waste Fill																																	
SA EPA (2010) Intermediate Waste Soil																																	
SA EPA (2010) Low Level Waste Soil																																	
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																													
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	1,000	0.006	<1	<10	<0.02	<0.005	9.8	<0.005	<2	<2	<2	7.6	1.7	2.5	0.066	1,200	54	<2	1.5	2.6	0.15	0.008	0.074	0.087	<0.003	<0.02	5.2	2.0	2.0	<0.02
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	12,000	0.93	<1	<10	<0.02	0.12	11	1.0	<2	<2	<2	8.7	19	25	0.30	12,000	250	73	1.5	26	1.6	0.005	0.31	0.40	<0.003	<0.02	60	2.0	20	<0.02
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	5,900	0.20	<1	<10	<0.02	0.028	11	0.23	<2	<2	<2	7.8	9.4	12	0.29	5,800	240	17	1.5	12	0.51	<0.005	0.29	0.38	<0.003	<0.02	29	2.0	9.3	<0.02
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	3,500	0.14	<1	<10	<0.02	0.058	9.7	0.20	<2	<2	<2	8.1	5.6	6.1	0.26	3,100	220	36	1.5	6.4	0.29	0.037	0.30	0.35	<0.003	<0.02	17	2.0	4.9	<0.02
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	12,000	0.33	<1	<10	<0.02	0.079	11	0.41	<2	<2	<2	7.7	19	25	0.30	12,000	250	49	1.5	25	0.64	<0.005	0.30	0.39	<0.003	<0.02	61	2.0	20	<0.02
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	12,000	0.21	<1	<10	<0.02	0.10	12	0.31	<2	<2	<2	8.4	19	23	0.36	12,000	290	62	1.5	24	0.95	<0.005	0.36	0.47	<0.003	<0.02	59	2.0	19	<0.02
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	2,200	0.11	<1	<10	<0.02	0.024	9.6	0.13	<2	<2	<2	7.8	3.6	4.3	0.16	2,200	130	15	1.5	4.6	0.24	0.021	0.18	0.21	<0.003	<0.02	11	2.0	3.5	<0.02
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	12,000	0.026	<1	<10	<0.02	0.046	9.4	0.072	<2	<2	<2	7.6	19	25	0.19	12,000	150	29	1.5	25	0.18	0.018	0.20	0.25	<0.003	<0.02	60	2.0	20	<0.02
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	8,700	0.14	<1	<10	<0.02	0.11	10	0.26	<2	<2	<2	7.8	14	17	0.34	8,700	280	69	1.5	18	0.25	0.037	0.38	0.45	<0.003	<0.02	44	2.0	14	<0.02
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	5,400	0.091	<1	<10	<0.02	0.072	9.7	0.16	<2	<2	<2	7.8	8.7	8.8	0.29	4,400	240	45	1.5	9.1	0.26	0.037	0.32	0.38	<0.003	<0.02	27	2.0	7.0	<0.02
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	6,800	0.24	<1	<10	<0.02	0.098	9.7	0.34	<2	<2	<2	7.6	11	14	0.33	7,200	270	61	1.5	15	0.51	0.013	0.34	0.43	<0.003	<0.02	34	2.0	12	<0.02
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	3,000	0.15	<1	<10	<0.02	0.065	9.6	0.21	<2	<2	<2	7.6	4.8	6.7	0.38	3,300	310	41	1.5	7.0	0.31	0.033	0.41	0.50	<0.003	<0.02	15	2.0	5.4	<0.02
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	5,200	0.28	<1	<10	<0.02	0.096	9.9	0.38	<2	<2	<2	7.8	8.3	11	0.33	5,600	270	60	1.5	12	0.62	0.010	0.34	0.44	<0.003	<0.02	26	2.0	9.0	<0.02
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	7,100	0.42	<1	<10	<0.02	0.12	11	0.54	<2	<2	<2	7.8	11	14	0.57	7,000	470	73	1.5	15	0.73	<0.005	0.57	0.75	<0.003	<0.02	36	2.0	11	<0.02
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	4,100	0.13	<1	<10	<0.02	0.086	9.5	0.21	<2	<2	<2	7.6	6.6	9.0	0.34	4,500	280	54	1.5	9.3	0.30	0.031	0.38	0.45	<0.003	<0.02	21	2.0	7.2	<0.02
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils												Acid Sulphate Soils - Other															SPOCAS			
					Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent S% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide	KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity
					mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%	%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S
LOR					10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005	0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02
SA EPA (2010) Waste Fill																																		
SA EPA (2010) Intermediate Waste Soil																																		
SA EPA (2010) Low Level Waste Soil																																		
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																														
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	9,300	0.51	<1	<10	<0.02	0.25	12	0.76	<2	<2	<2	9.0	15	18	0.56	9,100	460	160	1.5	20	1.5	<0.005	0.56	0.74	<0.003	<0.02	46	2.0	15	<0.02
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	4,700	0.030	<1	<10	<0.02	0.042	9.9	0.072	<2	<2	<2	7.7	7.5	8.3	0.36	4,200	300	26	1.5	8.5	0.16	0.024	0.39	0.48	<0.003	<0.02	23	2.0	6.7	<0.02
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	5,200	0.021	<1	<10	<0.02	0.045	9.8	0.066	<2	<2	<2	7.7	8.3	8.8	0.37	4,400	310	28	1.5	9.0	0.16	0.023	0.40	0.49	<0.003	<0.02	26	2.0	7.1	<0.02
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	5,200	0.11	<1	<10	<0.02	0.059	9.7	0.17	<2	<2	<2	7.8	8.4	9.4	0.32	4,700	260	37	1.5	9.7	0.25	0.037	0.35	0.42	<0.003	<0.02	26	2.0	7.5	<0.02
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	11,000	0.35	<1	<10	<0.02	0.047	11	0.39	<2	<2	<2	7.7	17	23	0.36	12,000	300	29	1.5	24	0.78	<0.005	0.36	0.48	<0.003	<0.02	54	2.0	19	<0.02
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organic Sulfur Compounds	Non-Metallic Inorganics	Ionic Balance				Particle Size			Asbestos		Organotin							Other				
					Carbon disulfide	Cyanide Total	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	% Clay*	<2mm Fraction	>2mm Fraction	Approximate Sample Mass	Asbestos FA & AF in Soil	Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Moisture Content (dried @ 103°C)	TOC	Analysed Material	Extraneous Material	Iron (%)
					mg/kg	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	%	%	%	g	% (w/w)	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	%	%	%	%	%
LOR					0.5	5	0.5	10	0.1	0.1	2.5	0.005	0.005			750	500	1,000	500	1,250	500	1.25	1	0.1	0.1	0.1	0.01
SA EPA (2010) Waste Fill						500																					
SA EPA (2010) Intermediate Waste Soil																											
SA EPA (2010) Low Level Waste Soil																											
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																							
BH01	BH01/1_0-0.8	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
BH02	BH02/1_0.2	0 - 0.2	22 May 2024	1101684	<0.5	<5	-	-	-	9.2	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	2.3	-	-	-	-
BH03	BH03/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	250	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH03	BH03/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-	-	-
BH03	BH03/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	<5	-	-	-	13	-	20	1.7	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	20	-	92	7.6	-
BH04	BH04/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	-	-	-	-
BH04	BH04/2_0.2-0.4	0.2 - 0.4	22 May 2024	1101684	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
BH04	BH04/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	<5	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	15	-	-	-	-
BH04	BH04/4_0.7-0.9	0.7 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	110	2.8	-	-	-	-	-	-	-	-	-	15	-	97	2.5	-
BH05	BH05/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	932	<0.001	-	-	-	-	-	-	-	5.1	-	-	-	-
BH05	BH05/4_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	-	-	-	-	-	-	170	6.4	-	-	-	-	-	-	-	-	-	13	-	96	3.6	-
BH06	BH06/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-	-
BH06	BH06/2_0.4-0.6	0.4 - 0.6	13 Jun 2024	1111027	-	<5	-	-	-	13	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	14	-	-	-	-
BH06	BH06/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-
BH07	BH07/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	-	-	-
BH07	BH07/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
BH08	BH08/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	305	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH08	BH08/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	-
BH08	BH08/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	<5	-	-	-	10	-	17	9.0	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	8.7	-	65	35	-
BH09	BH09/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH10	BH10/2_0.3-0.45	0.3 - 0.45	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6	-	-	-	-
BH11	BH11/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH12	BH12/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
BH13	BH13/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-
BH13	BH13/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-
BH13	BH13/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	360	4,500	13	-	<2.5	-	-	-	-	-	-	-	-	-	-	-	9.7	6.0	-	-	0.19
BH14	BH14/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	<5	-	-	-	9.7	-	16	4.4	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	8.1	-	78	22	-
BH15	BH15/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-
BH16	BH16/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	352	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH16	BH16/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	-	-	-	-
BH17	BH17/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	478	<0.001	-	-	-	-	-	-	-	8.5	-	-	-	-
BH18	BH18/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	-	-	-	-
BH18	BH18/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	<5	-	-	-	13	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	18	-	-	-	-
BH19	BH19/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	470	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH19	BH19/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
BH19	BH19/3_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	<5	-	-	-	13	-	21	0.83	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	18	-	96	3.8	-
BH20	BH20/1_0-0.3	0 - 0.3	22 May 2024	1101684	<0.5	-	-	-	-	7.7	-	-	-	-	-	-	-	-	-	-	-	-	2.1	-	-	-	-
BH20	BH20/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	-	<5	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	5.5	-	-	-	-
BH20	BH20/4_0.8-0.9	0.8 - 0.9	22 May 2024	1101684	-	-	-	-	-	-	-	160	90	-	-	-	-	-	-	-	-	-	7.2	-	64	36	-
BH21	BH21/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	304	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH21	BH21/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2	-	-	-	-
BH22	BH22/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-
BH23	BH23/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	-	-	-	-
BH23	BH23/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH23	BH23/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH24	BH24/2_0.2-0.4	0.2 - 0.4	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-
BH25	BH25/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	275	<0.001	-	-	-	-	-	-	-	4.1	-	-	-	-
BH25	BH25/2_0.3-0.8	0.3 - 0.8	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.5	-	-	-	-
BH25	BH25/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<5	-	-	-	9.2	-	20	4.4	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	9.6	-	82	18	-
BH26	BH26/3_0.4-0.6	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	-
BH27	BH27/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-	-	-	-
BH28	BH28/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-
BH28	BH28/2_0.5-0.8	0.5 - 0.8	13 Jun 2024	1111027	<0.5	<5	-	-	-	9.7	-	18	7.1	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	8.9	-	71	29	-
BH29	BH29/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	963	<0.001	-	-	-	-	-	-	-	2.5	-	-	-	-
BH29	BH29/3_0.6-0.8	0.6 - 0.8	22 May 2024	1101684	<0.5	<5	-	-	-	9.1	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	7.3	-	-	-	-
BH30	BH30/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	456	<0.001	-	-	-	-	-	-	-	4.3	-	-	-	-
BH30	BH30/3_0.6-1.0	0.6 - 1	13 Jun 2024	1111027	-	<5	-	-	-	8.6	-	16	13	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	9.9	-	55	45	-
BH31	BH31/1_0-0.3	0 - 0.3	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-	-	-
BH32	BH32/1_0.4-0.7	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	744	<0.001	-	-	-	-	-	-	-	2.8	-	-	-	-
BH32	BH32/2_0-0.2	0.4 - 0.6	22 May 2024	1101684	-	-	-	-	-	-	-	99	170	-	-	-	-	-	-	-	-	-	5.5	-	37	63	-
BH33	BH33/2_0.1-0.4	0.1 - 0.4	22 May 2024	1101684	-	-	-	-	-	9.0	-	-	-	697	<0.001	<750	<500	<1,000	<500	<1,250	<500	<1.25	13	-	-	-	-
BH34	BH34/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	477	<0.001	-	-	-	-	-	-	-	14	-	-	-	-
BH34	BH34/3_0.7-1	0.7 - 1	22 May 2024	1101684	-	-	-	-	-	11	-	150	44	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	11	-	77	23	-

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organic Sulfur Compounds	Non-Metallic Inorganics	Ionic Balance				Particle Size			Asbestos		Organotin							Other				
					Carbon disulfide	Cyanide Total	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	% Clay*	<2mm Fraction	>2mm Fraction	Approximate Sample Mass	Asbestos FA & AF in Soil	Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Moisture Content (dried @ 103°C)	TOC	Analysed Material	Extraneous Material	Iron (%)
					mg/kg	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	%	%	%	g	% (w/w)	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	%	%	%	%	%
LOR					0.5	5	0.5	10	0.1	0.1	2.5	0.005	0.005			750	500	1,000	500	1,250	500	1.25	1	0.1	0.1	0.1	0.01
SA EPA (2010) Waste Fill						500																					
SA EPA (2010) Intermediate Waste Soil																											
SA EPA (2010) Low Level Waste Soil																											
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																							
BH35	BH35/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	70	<0.01	-	-	-	-	-	-	-	7.2	-	-	-	-
BH35	BH35/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	9.6	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	5.5	-	-	-	-
BH35	BH35/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	190	31	-	-	-	-	-	-	-	-	-	3.4	-	86	14	-
BH36	BH36/1_0-0.2	0 - 0.2	22 May 2024	1101684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	-	-	-	-
BH36	BH36/3_0.5-0.7	0.5 - 0.7	22 May 2024	1101684	-	-	-	-	-	9.0	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-
BH36	BH36/4_0.8-1	0.8 - 1	22 May 2024	1101684	-	-	-	-	-	-	-	85	7.3	-	-	-	-	-	-	-	-	-	46	-	92	7.9	-
BH46	BH46/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	346	<0.01	-	-	-	-	-	-	-	3.8	-	-	-	-
BH46	BH46/3_0.9-1.0	0.9 - 1	14 Jun 2024	1108473	-	-	-	-	-	11	-	78	30	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	12	-	72	28	-
BH50	BH50/1_0-0.3	0 - 0.3	13 Jun 2024	1111027	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-
BH50	BH50/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	<5	-	-	-	9.6	-	27	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	5.7	-	100	<0.1	-
BH51	BH51/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	-	-	-	-
BH52	BH52/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	425	<0.001	-	-	-	-	-	-	-	4.2	-	-	-	-
BH52	BH52/3 - 0.7	3 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-
BH53	BH53/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.7	-	-	-	-
BH53	BH53/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-	-
BH54	BH54/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	344	<0.001	-	-	-	-	-	-	-	4.7	-	-	-	-
BH54	BH54/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-
BH54	BH54/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	<5	44	3,600	10	11	5.0	83	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	22	1.8	100	<0.1	0.59
BH55	BH55/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	-	-	-	-
BH55	BH55/3 - 0.9-1.0	0.9 - 1	12 Jun 2024	1108012	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
BH56	BH56/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	-	-	-	-
BH56	BH56/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.0	-	-	-	-
BH57	BH57/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	517	<0.001	-	-	-	-	-	-	-	6.3	-	-	-	-
BH57	BH57/1_0-0.2	0 - 0.2	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	-	-	-	-
BH57	BH57/2 _0.3-0.5	0.3 - 0.5	12 Jun 2024	1111649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-
BH57	BH57/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	<5	-	-	-	8.7	-	160	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	21	-	100	<0.1	-
BH58	BH58/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-	-	-	-
BH58	BH58/2_0.3-0.5	0.3 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
BH58	BH58/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<5	-	-	-	9.6	-	23	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	6.7	-	100	<0.1	-
BH59	BH59/1_0.05-0.3	0.05 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	313	<0.01	-	-	-	-	-	-	-	7.7	-	-	-	-
BH59	BH59/3_0.7-1.0	0.7 - 1	14 Jun 2024	1108473	-	-	-	-	-	13	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	14	-	-	-	-
BH60	BH60/1_0.1-0.3	0.1 - 0.3	14 Jun 2024	1108473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	-	-	-	-
BH60	BH60/3_0.65-1.0	0.65 - 1	14 Jun 2024	1108473	-	-	-	-	-	-	-	71	110	-	-	-	-	-	-	-	-	-	4.7	-	39	61	-
BH61	BH61/1 - 0.05-0.3	0.05 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-	-	-	-
BH62	BH62/1_0.05-0.2	0.05 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	-
BH63	BH63/1 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-	-	-	-
BH63	BH63/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	<5	-	-	-	9.4	-	180	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	10	-	100	<0.1	-
BH64	BH64/1 - 0-0.3	0 - 0.3	12 Jun 2024	1108012	<0.5	-	-	-	-	-	-	-	-	391	<0.001	-	-	-	-	-	-	-	3.7	-	-	-	-
BH64	BH64/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	534	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH64	BH64/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	-	-	-	-
BH66	BH66/1_0.05-0.3	0.05 - 0.3	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-
BH66	BH66/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	<0.5	<5	-	-	-	8.9	-	28	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	7.2	-	100	<0.1	-
BH67	BH67/1_0-0.2	0 - 0.2	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	-	-	-	-
BH67	BH67/3_0.7-1.0	0.7 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-
BH70	BH70/2_0.2-0.5	0.2 - 0.5	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	376	<0.001	-	-	-	-	-	-	-	11	-	-	-	-
BH70	BH70/4_0.8-1.0	0.8 - 1	13 Jun 2024	1111027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
BH71	BH71/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.3	-	-	-	-
BH72	BH72/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	359	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH73	BH73/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	800	<0.001	-	-	-	-	-	-	-	3.9	-	-	-	-
BH73	BH73/2_0.3_0.5	0.3 - 0.5	23 May 2024	1101721	-	-	-	-	-	8.3	-	-	-	-	-	-	-	-	-	-	-	-	8.8	-	-	-	-
BH73	BH73/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	<5	-	-	-	-	-	150	8.2	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	14	-	95	5.3	-
BH74	BH74/3_0.8-1	0.8 - 1	23 May 2024	1101721	<0.5	-	-	-	-	7.9	-	190	9.8	-	-	-	-	-	-	-	-	-	8.7	-	95	5.0	-
BH75	BH75/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	926	<0.001	-	-	-	-	-	-	-	4.3	-	-	-	-
BH75	BH75/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	-	<5	-	-	-	-	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	10	-	-	-	-
BH75	BH75/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	150	3.0	-	-	-	-	-	-	-	-	-	18	-	98	1.9	-
BH76	BH76/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	455	<0.001	-	-	-	-	-	-	-	3.4	-	-	-	-
BH76	BH76/2 - 0.3-0.5	0.3 - 0.5	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH76	BH76/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	<5	-	-	-	9.7	-	130	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	17	-	100	<0.1	-
BH79	BH79/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	9.0	-	-	-	456	<0.001	-	-	-	-	-	-	-	5.1	-	-	-	-
BH79	BH79/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	-	-	-	-	9.2	-	-	-	-	-	-	-	-	-	-	-	-	9.5	-	-	-	-
BH79	BH79/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	<5	30	1,200	8.2	8.4	4.0	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	12	2.5	-	-	0.47
BH80	BH80/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-	-
BH80	BH80/2 - 0.4-0.6	0.4 - 0.6	12 Jun 2024	1108012	<0.5	-	-	-	-	9.5	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
BH80	BH80/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-
BH81	BH81/3_0.7-1	0.7 - 1	23 May 2024	1101721	<0.5	<5	-	-	-	7.6	-	190	6.3	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	11	-	97	3.2	-
BH82	BH82/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	791	<0.001	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA A): 2024 SOIL DATA VS OFFSITE DISPOSAL / REUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organic Sulfur Compounds	Non-Metallic Inorganics	Ionic Balance				Particle Size			Asbestos		Organotin							Other				
					Carbon disulfide	Cyanide Total	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	% Clay*	<2mm Fraction	>2mm Fraction	Approximate Sample Mass	Asbestos FA & AF in Soil	Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Moisture Content (dried @ 103°C)	TOC	Analysed Material	Extraneous Material	Iron (%)
					mg/kg	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	%	%	%	g	% (w/w)	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	%	%	%	%	%
LOR					0.5	5	0.5	10	0.1	0.1	2.5	0.005	0.005			750	500	1,000	500	1,250	500	1.25	1	0.1	0.1	0.1	0.01
SA EPA (2010) Waste Fill						500																					
SA EPA (2010) Intermediate Waste Soil																											
SA EPA (2010) Low Level Waste Soil																											
Location	**Field ID**	**Depth**	**Date**	**Lab Report**																							
BH82	BH82/2_03-0.5	0.3 - 0.5	23 May 2024	1101721	<0.5	<5	-	-	-	8.8	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	10	-	-	-	-
BH83	BH83/4_0.7-1	0.7 - 1	29 May 2024	1104324	-	-	-	-	-	12	-	150	6.9	-	-	-	-	-	-	-	-	-	20	-	96	4.4	-
BH84	BH84/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	537	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH84	BH84/2_0.4-0.6	0.4 - 0.6	23 May 2024	1101721	<0.5	<5	-	-	-	9.1	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	15	-	-	-	-
BH85	BH85/3_0.7-1	0.7 - 1	23 May 2024	1101721	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-
BH86	BH86/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-	-	-	-
BH87	BH87/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	157	<0.001	-	-	-	-	-	-	-	-	-	-	-	-
BH87	BH87/2 - 0.2-0.5	0.2 - 0.5	12 Jun 2024	1108012	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
BH88	BH88/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	-
BH88	BH88/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	<5	27	300	8.5	8.9	2.5	180	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	6.5	<0.1	100	<0.1	0.10
BH89	BH89/1 - 0-0.1	0 - 0.1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	-
BH89	BH89/2 - 0.1-0.3	0.1 - 0.3	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
BH89	BH89/3 - 0.5-0.7	0.5 - 0.7	12 Jun 2024	1108012	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-
BH89	BH89/4 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	<5	-	-	-	7.5	-	150	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	5.9	-	100	<0.1	-
BH90	BH90/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	-	-	-	-
BH91	BH91/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	<0.5	-	-	-	-	11	-	-	-	353	<0.001	-	-	-	-	-	-	-	5.6	-	-	-	-
BH91	BH91/3 - 0.8-1.0	0.8 - 1	12 Jun 2024	1108012	-	<5	-	-	-	8.8	-	140	<0.005	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	11	-	100	<0.1	-
BH92	BH92/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	-	-	-
BH93	BH93/1_0-0.2	0 - 0.2	23 May 2024	1101721	-	-	-	-	-	-	-	-	-	859	<0.001	-	-	-	-	-	-	-	4.9	-	-	-	-
BH93	BH93/2_0.3-0.5	0.3 - 0.5	23 May 2024	1101721	<0.5	-	-	-	-	8.5	-	-	-	-	-	-	-	-	-	-	-	-	8.7	-	-	-	-
BH93	BH93/3_0.8-1	0.8 - 1	23 May 2024	1101721	-	-	-	-	-	-	-	40	<0.005	-	-	-	-	-	-	-	-	-	29	-	100	<0.1	-
BH94	BH94/1 - 0-0.2	0 - 0.2	12 Jun 2024	1108012	-	-	-	-	-	-	-	-	-	525	<0.001	-	-	-	-	-	-	-	3.7	-	-	-	-
BH94	BH94/2 - 0.4-0.7	0.4 - 0.7	12 Jun 2024	1108012	<0.5	-	-	-	-	8.8	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-
BH94	BH94/3 - 0.7-1.0	0.7 - 1	12 Jun 2024	1108012	-	<5	-	-	-	11	-	-	-	-	-	<750	<500	<1,000	<500	<1,250	<500	<1.25	17	-	-	-	-

Historic Soil Data (Area 1)

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BAE CARPARK (2023) SOIL DATA
Project Number: 63984
Project Name: BAE Carpark

JBS&G

	Metals & Metalloids															TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
	Arsenic	Beryllium	Boron	Cadmium	Chromium (hexavalent)	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene_VOC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	2	2	10	0.4	1	5	5	5	20	5	5	0.1	5	2	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	3,000	500	300,000	900	3,600	3,600	4,000	240,000		1,500	60,000	730	6,000	10,000	400,000																			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																										310 | 480		4 | 6 | 9 | 20						
>=0m, <1m																										310		4						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																										260 | 370 | 630		3 | 3 | 3 | 3					230	
>=0m, <1m																										260		3					230	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt																										250 | 360 | 590		4 | 4 | 6 | 10						
>=0m, <1m																										250		4						
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind	160					550		340		1,800			640		1,700																			370
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																							1,700	3,300		215	170	75	135	165			180	
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																							2,500	6,600		215	170	95	135	185			95	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					700	1,000	3,500	10,000										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																					800	1,000	5,000	10,000										
SA EPA Waste Fill	20	20		3	1		170	60		300	500	1	60		200	65				1,000								1	1.4	3.1			14	
SA Intermediate Waste Soil	200	40		30	200		170	2,000		1,200	6,000	30	600		14,000	100				1,000								5	50	100			180	
SA Low Level Waste Soil	750	150		60	750		1,000	7,500		5,000	10,000	110	3,000		50,000	1,000				10,000								15	500	1,000			1,800	

Location	Field ID	Date	Lab Report																															
CGW01	CGW01_0.0-0.1	27 Mar 2023	976321	6.8	-	-	0.8	-	13	-	24	-	100	-	-	11	-	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW01	CGW01_0.2-0.3	27 Mar 2023	976321	4.0	-	-	<0.4	-	11	-	12	-	37	-	<0.1	7.8	-	50	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
CGW01	CGW01_0.3-0.5	27 Mar 2023	976321	5.3	-	-	0.8	-	9.6	-	16	-	76	-	-	9.0	-	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW02	CGW02_0.0-0.1	27 Mar 2023	976321	4.8	-	-	<0.4	-	15	-	14	-	23	-	-	8.0	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW02	CGW02_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
CGW02	CGW02_0.3-0.5	27 Mar 2023	976321	3.8	-	-	<0.4	-	14	-	13	-	19	-	-	8.7	-	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW03	CGW03_0.0-0.1	27 Mar 2023	976321	5.4	-	-	<0.4	-	17	-	16	-	31	-	-	10	-	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW03	CGW03_0.3-0.5	27 Mar 2023	976321	4.3	<2	120	0.4	<1	11	12	32	-	23	890	1.4	29	<2	26	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
CGW03	CGW03_0.8-1.0	27 Mar 2023	976321	7.5	-	-	2.4	-	14	-	24	-	66	-	-	34	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.0-0.1	27 Mar 2023	976321	5.8	-	-	<0.4	-	16	-	16	-	28	-	-	8.2	-	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB01	SB01_0.4-0.5	27 Mar 2023	976321	7.5	-	-	0.8	-	5.3	-	11	-	28	-	-	7.2	-	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.8-1.0	27 Mar 2023	976321	16	-	-	<0.4	-	<5	-	17	-	11	-	-	8.0	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	DUP01	27 Mar 2023	976321	3.6	-	-	<0.4	-	12	-	13	-	25	-	<0.1	6.5	-	39	<20	21	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB02	SB02_0.0-0.2	27 Mar 2023	976321	4.1	-	-	<0.4	-	18	-	17	-	26	-	<0.1	8.5	-	44	<20	<20	120	120	240	<20	52	190	<100	242	<20	52	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB02	SB02_0.5-0.7	27 Mar 2023	976321	4.5	-	-	<0.4	-	14	-	11	-	20	-	-	7.9	-	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.7-0.9	27 Mar 2023	976321	2.2	-	-	<0.4	-	7.0	-	14	-	13	-	-	7.8	-	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.1	28 Mar 2023	976321	4.8	-	-	<0.4	-	12	-	12	-	36	-	-	7.2	-	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.3-0.5	28 Mar 2023	976321	3.4	<2	190	<0.4	<1	7.4	<5	9.6	-	22	89	<0.1	<5	<2	37	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB03	SB03_0.6-0.8	28 Mar 2023	976321	3.5	-	-	1.7	-	5.0	-	32	-	47	-	<0.1	24	-	67	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB03	SB03_0.8-1.0	28 Mar 2023	976321	11	-	-	5.3	-	6.9	-	21	-	140	-	-	13	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	28 Mar 2023	976321	5.3	-	-	<0.4	-	17	-	15	-	19	-	-	8.7	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.3-0.5	28 Mar 2023	976321	4.1	<2	110	<0.4	<1	<5	<5	16	-	8.7	540	<0.1	9.5	<2	13	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB04	SB04_0.6-0.8	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB04	SB04_0.8-0.9	28 Mar 2023	976321	11	-	-	<0.4	-	<5	-	12	-	7.2	-	-	<5	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.1	28 Mar 2023	976321	4.0	-	-	<0.4	-	8.3	-	11	-	24	-	-	<5	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.3-0.5	28 Mar 2023	976321	4.2	-	-	<0.4	-	6.6	-	12	9,000	20	-	-	<5	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.7-0.9	28 Mar 2023	976321	3.4	-	-	0.5	-	5.6	-	8.7	-	18	-	<0.1	<5	-	36	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB05	SB05_0.9-1.0	28 Mar 2023	976321	2.9	-	-	<0.4	-	<5	-	12	-	6.2	-	-	<5	-	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	28 Mar 2023	976321	4.2	-	-	<0.4	-	14	-	14	-	22	-	-	8.6	-	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.2-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB06	SB06_0.8-0.9	28 Mar 2023	976321	3.4	-	-	<0.4	-	9.5	-	9.4	-	24	-	-	5.1	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	DUP02	28 Mar 2023	976321	5.3	-	-	<0.4	-	14	-	16	-	19	-	<0.1	7.8	-	40	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB07	SB07_0.0-0.2	28 Mar 2023	976321	5.2	-	-	<0.4	-	13	-	15	-	28	-	<0.1	9.0	-	49	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB07	SB07_0.4-0.6	28 Mar 2023	976321	4.9	-	-	0.7	-	13	-	15	-	33	-	-	10	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.6-0.8	28 Mar 2023	976321	28	-	-	0.8	-	42	-	52	-	300	-	-	67	-	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.1	27 Mar 2023	976321	3.9	-	-	<0.4	-	7.5	-	7.0	-	9.4	-	-	<5	-	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB08	SB08_0.4-0.5	27 Mar 2023	976321	5.3	-	-	<0.4	-	25	-	12	-	13	-	-	11	-	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.8-0.9	27 Mar 2023	976321	4.9	-	-	<0.4	-	30	-	14	-	9.5	-	-	12	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.0-0.1	27 Mar 2023	976321	4.1	-	-	<0.4	-	11	-	10	-	16	-	<0.1	<5	-	31	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB09	SB09_0.2-0.3	27 Mar 2023	976321	4.1	-	-	<0.4	-	12	-	9.2	9,100	11	-	-	6.6	-	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.4-0.5	27 Mar 2023	976321	3.7	-	-	<0.4	-	33	-	14	-	13	-	-	17	-	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.6-0.7	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB10	SB10_0.0-0.1	27 Mar 2023	976321	6.8	-	-	<0.4	-	16	-	12	-	18	-	-	5.9	-	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.2-0.3	27 Mar 2023	976321	3.0	-	-	<0.4	-	29	-	15	-	15	-	-	12	-	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	27 Mar 2023	976321	3.5	-	-	<0.4	-	19	-	21	-	33	-	<0.1	6.7	-	40	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB10	SB10_0.8-0.9	27 Mar 2023	976321	4.3	-	-	0.4	-	33	-	17	-	40	-	-	14	-	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.1	28 Mar 2023	976321	3.9	-	-	<0.4	-	13	-	10	-	21	-	-	<5	-	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.3	28 Mar 2023	976321	6.8	<2	70	<0.4	<1	15	<5	13	-	30	120	<0.1	5.8	<2	35	<20	<20	58	110	168	<20	<50	140	<100	140	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB11	SB11_0.5-0.8	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5

OFFICIAL

BAE CARPARK (2023) SOIL DATA
Project Number: 63984
Project Name: BAE Carpark

				PAH																					Organochlorine Pesticides																									Organophosphorus Pesticides
				Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	Pentachlorophenol	4,4-DDE	Aldrin	Dieldrin	Aldrin + Dieldrin	Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Heptachlor	Methoxychlor	Mirex	Toxaphene	Chlorpyrifos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	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	0.05	0.05	0.05	0.05	0.05	0.2
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									40	40	40												4,000	660				45	530			3,600				100	50	2,500	100	160	2,000
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																																	
>=0m, <1m																																																	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																																	
>=0m, <1m																																																	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt																																																	
>=0m, <1m																																																	
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																					370									640																					
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil					1.4																																												
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil					1.4																																												
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																																		
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																																		
SA EPA Waste Fill								1															5					2	2	2						2														
SA Intermediate Waste Soil								2															40					2	2	2						2														
SA Low Level Waste Soil								5															200					50	50	50						50														

| Location | Field ID | Date | Lab Report | | | | | | | | | | | | | | | | | | |

OFFICIAL

BAE CARPARK (2023) SOIL DATA
Project Number: 63984
Project Name: BAE Carpark

				Chlorinated Alkanes																Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls								Phenols		
				1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	2-Methylphenol	3&4-Methylphenol (m&p-cresol)	Phenol
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																																					7			240,000
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																								
>=0m, <1m																																								
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																								
>=0m, <1m																																								
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt																																								
>=0m, <1m																																								
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																								
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																								
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																								
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																								
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																								
SA EPA Waste Fill																																					2			
SA Intermediate Waste Soil																									14												2			
SA Low Level Waste Soil																									25.2												50			
Location	**Field ID**	**Date**	**Lab Report**																																					
CGW01	CGW01_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW01	CGW01_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW01	CGW01_0.3-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW02	CGW02_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW02	CGW02_0.2-0.3	27 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
CGW02	CGW02_0.3-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW03	CGW03_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW03	CGW03_0.3-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.4	<0.5
CGW03	CGW03_0.8-1.0	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.2-0.3	27 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.8-1.0	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	DUP01	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.5-0.7	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.7-0.9	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.1	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.3-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.4	<0.5
SB03	SB03_0.6-0.8	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.8-1.0	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.3-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.4	<0.5
SB04	SB04_0.6-0.8	28 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.8-0.9	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.1	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.3-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.7-0.9	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.9-1.0	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.2-0.5	28 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.8-0.9	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	DUP02	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.4-0.6	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.6-0.8	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.2-0.3	27 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.4-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.8-0.9	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.4-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.6-0.7	27 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.8-0.9	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.1	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.3	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.4	<0.5
SB11	SB11_0.5-0.8	28 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-

BAE CARPARK (2023) SOIL DATA
Project Number: 63984
Project Name: BAE Carpark

JBS&G

				PFAS																																					
				Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)	1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid (PFNS)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg
LOR				0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005	0.005	0.005	0.005	0.005	0.01	0.05	0.005
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																																									
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																									
>=0m, <1m																																									
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																									
>=0m, <1m																																									
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt																																									
>=0m, <1m																																									
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																									
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																									
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																									
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																									
SA EPA Waste Fill																																									
SA Intermediate Waste Soil																																									
SA Low Level Waste Soil																																									
Location	**Field ID**	**Date**	**Lab Report**																																							
CGW01	CGW01_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW01	CGW01_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW01	CGW01_0.3-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW02	CGW02_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW02	CGW02_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW02	CGW02_0.3-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW03	CGW03_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW03	CGW03_0.3-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW03	CGW03_0.8-1.0	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.8-1.0	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	DUP01	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.5-0.7	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.7-0.9	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.1	28 Mar 2023	976321	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005
SB03	SB03_0.3-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.6-0.8	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.8-1.0	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.3-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.6-0.8	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.8-0.9	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.1	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.3-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.7-0.9	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.9-1.0	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.2-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.8-0.9	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	DUP02	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.4-0.6	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.6-0.8	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.4-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.8-0.9	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.4-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.6-0.7	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.8-0.9	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.1	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.3	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.5-0.8	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BAE CARPARK (2023) SOIL DATA
Project Number: 63984
Project Name: BAE Carpark

JBS&G

	MAH						Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes				Carbamate & Other Pesticides	Herbicides & Fungicides							Organic Sulfur Compounds	Non-Metallic Inorganics	Ionic Balance			Particle Size
	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane	Bifenthrin	Picloram	2,4,5-Trichlorophenoxy Acetic Acid	2-Methyl-4-Chlorophenoxy Butanoic Acid	2-Methyl-4-chlorophenoxyacetic acid	Atrazine	Hedonal	Mecoprop	Carbon disulfide	Cyanide (Free)	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	% Clay*
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MEQ/100G	US/CM	pH Units	%
LOR	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	5	0.05	10	0.1	1
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	80					4,500	35,000	5,000	5,000	5,000	2,500	9,000	5,000		1,500				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																			
>=0m, <1m																																			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																			
>=0m, <1m																																			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt																																			
>=0m, <1m																																			
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																			
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																			
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																			
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil																																			
SA EPA Waste Fill																																			
SA Intermediate Waste Soil																																			
SA Low Level Waste Soil																																			

Location	Field ID	Date	Lab Report																																	
CGW01	CGW01_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW01	CGW01_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW01	CGW01_0.3-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW02	CGW02_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW02	CGW02_0.2-0.3	27 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
CGW02	CGW02_0.3-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW03	CGW03_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW03	CGW03_0.3-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	<0.05	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	-	<5	-	-	-	-
CGW03	CGW03_0.8-1.0	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.2-0.3	27 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
SB01	SB01_0.4-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.8-1.0	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	DUP01	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.5-0.7	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.7-0.9	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.1	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.3-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	<0.05	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	-	<5	-	-	-	-
SB03	SB03_0.6-0.8	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.8-1.0	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.3-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	<0.05	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	-	<5	-	-	-	-
SB04	SB04_0.6-0.8	28 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
SB04	SB04_0.8-0.9	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.1	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.3-0.5	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	1,400	8.8	4.9
SB05	SB05_0.7-0.9	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.9-1.0	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.2-0.5	28 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
SB06	SB06_0.8-0.9	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	DUP02	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.4-0.6	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.6-0.8	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.2-0.3	27 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
SB08	SB08_0.4-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.8-0.9	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	980	10	5.6
SB09	SB09_0.4-0.5	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.6-0.7	27 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-
SB10	SB10_0.0-0.1	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.2-0.3	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.8-0.9	27 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.1	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.3	28 Mar 2023	976321	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	<0.05	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	<0.5	-	<5	-	-	-	-
SB11	SB11_0.5-0.8	28 Mar 2023	976321	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-

OFFICIAL

BAE CARPARK (2023) SOIL DATA
Project Number: 63984
Project Name: BAE Carpark

				Asbestos		Other		
				Approximate Sample Mass	Asbestos from FA & AF in Soil	Moisture Content (dried @ 103°C)	TOC	Iron (%)
				g	% (w/w)	%	%	%
LOR						1	0.1	0.01
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil								
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay								
>=0m, <1m								
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand								
>=0m, <1m								
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt								
>=0m, <1m								
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind								
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil								
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil								
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil								
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil								
SA EPA Waste Fill								
SA Intermediate Waste Soil								
SA Low Level Waste Soil								
Location	**Field ID**	**Date**	**Lab Report**					
CGW01	CGW01_0.0-0.1	27 Mar 2023	976321	-	-	17	-	-
CGW01	CGW01_0.2-0.3	27 Mar 2023	976321	-	-	8.9	-	-
CGW01	CGW01_0.3-0.5	27 Mar 2023	976321	-	-	11	-	-
CGW02	CGW02_0.0-0.1	27 Mar 2023	976321	-	-	13	-	-
CGW02	CGW02_0.2-0.3	27 Mar 2023	976321	-	-	11	-	-
CGW02	CGW02_0.3-0.5	27 Mar 2023	976321	-	-	6.7	-	-
CGW03	CGW03_0.0-0.1	27 Mar 2023	976321	-	-	12	-	-
CGW03	CGW03_0.3-0.5	27 Mar 2023	976321	-	-	16	-	-
CGW03	CGW03_0.8-1.0	27 Mar 2023	976321	-	-	21	-	-
SB01	SB01_0.0-0.1	27 Mar 2023	976321	-	-	26	-	-
SB01	SB01_0.2-0.3	27 Mar 2023	976321	-	-	21	-	-
SB01	SB01_0.4-0.5	27 Mar 2023	976321	-	-	31	-	-
SB01	SB01_0.8-1.0	27 Mar 2023	976321	-	-	43	-	-
SB02	DUP01	27 Mar 2023	976321	-	-	14	-	-
SB02	SB02_0.0-0.2	27 Mar 2023	976321	252	<0.01	15	-	-
SB02	SB02_0.5-0.7	27 Mar 2023	976321	-	-	19	-	-
SB02	SB02_0.7-0.9	27 Mar 2023	976321	-	-	26	-	-
SB03	SB03_0.0-0.1	28 Mar 2023	976321	-	-	15	-	-
SB03	SB03_0.3-0.5	28 Mar 2023	976321	-	-	21	-	-
SB03	SB03_0.6-0.8	28 Mar 2023	976321	-	-	29	-	-
SB03	SB03_0.8-1.0	28 Mar 2023	976321	-	-	33	-	-
SB04	SB04_0.0-0.2	28 Mar 2023	976321	-	-	17	-	-
SB04	SB04_0.3-0.5	28 Mar 2023	976321	-	-	31	-	-
SB04	SB04_0.6-0.8	28 Mar 2023	976321	-	-	25	-	-
SB04	SB04_0.8-0.9	28 Mar 2023	976321	-	-	31	-	-
SB05	SB05_0.0-0.1	28 Mar 2023	976321	510	<0.01	19	-	-
SB05	SB05_0.3-0.5	28 Mar 2023	976321	-	-	10	1.0	0.90
SB05	SB05_0.7-0.9	28 Mar 2023	976321	-	-	15	-	-
SB05	SB05_0.9-1.0	28 Mar 2023	976321	-	-	29	-	-
SB06	SB06_0.0-0.2	28 Mar 2023	976321	-	-	17	-	-
SB06	SB06_0.2-0.5	28 Mar 2023	976321	-	-	15	-	-
SB06	SB06_0.8-0.9	28 Mar 2023	976321	-	-	10	-	-
SB07	DUP02	28 Mar 2023	976321	-	-	17	-	-
SB07	SB07_0.0-0.2	28 Mar 2023	976321	-	-	22	-	-
SB07	SB07_0.4-0.6	28 Mar 2023	976321	-	-	14	-	-
SB07	SB07_0.6-0.8	28 Mar 2023	976321	-	-	10	-	-
SB08	SB08_0.0-0.1	27 Mar 2023	976321	-	-	10	-	-
SB08	SB08_0.2-0.3	27 Mar 2023	976321	-	-	15	-	-
SB08	SB08_0.4-0.5	27 Mar 2023	976321	-	-	17	-	-
SB08	SB08_0.8-0.9	27 Mar 2023	976321	-	-	17	-	-
SB09	SB09_0.0-0.1	27 Mar 2023	976321	-	-	15	-	-
SB09	SB09_0.2-0.3	27 Mar 2023	976321	329	<0.01	19	1.0	0.91
SB09	SB09_0.4-0.5	27 Mar 2023	976321	-	-	15	-	-
SB09	SB09_0.6-0.7	27 Mar 2023	976321	-	-	15	-	-
SB10	SB10_0.0-0.1	27 Mar 2023	976321	-	-	11	-	-
SB10	SB10_0.2-0.3	27 Mar 2023	976321	-	-	9.1	-	-
SB10	SB10_0.5-0.7	27 Mar 2023	976321	-	-	8.6	-	-
SB10	SB10_0.8-0.9	27 Mar 2023	976321	-	-	9.6	-	-
SB11	SB11_0.0-0.1	28 Mar 2023	976321	-	-	7.1	-	-
SB11	SB11_0.2-0.3	28 Mar 2023	976321	355	<0.01	6.1	-	-
SB11	SB11_0.5-0.8	28 Mar 2023	976321	-	-	9.2	-	-

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	Metals & Metalloids															TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
	Arsenic	Beryllium	Boron	Cadmium	Chromium (hexavalent)	Chromium (III+VI)	Cobalt	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene_VOC
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	2	2	10	0.4	1	1	5	1	20	1	5	0.1	1	2	1	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil	3,000	500	300,000	900	3,600	3,600	4,000	240,000		1,500	60,000	730	6,000	10,000	400,000																			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																										310 | 480		4 | 6 | 9 | 20						
>=0m, <1m																										310		4						
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																										260 | 370 | 630		3 | 3 | 3 | 3				230	
>=0m, <1m																										260		3					230	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt																										250 | 360 | 590		4 | 4 | 6 | 10					
>=0m, <1m																										250		4						
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind	160					310		330		1,800			730		1,900																			370
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																							1,700	3,300		215	170	75	135	165			180	
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																							2,500	6,600		215	170	95	135	185			95	
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																					700	1,000	3,500	10,000										
SA EPA Waste Fill	20	20		3	1		170	60		300	500	1	60		200	65				1,000								1	1.4	3.1			14	
SA Intermediate Waste Soil	200	40		30	200		170	2,000		1,200	6,000	30	600		14,000	100				1,000								5	50	100			180	
SA Low Level Waste Soil	750	150		60	750		1,000	7,500		5,000	10,000	110	3,000		50,000	1,000				10,000								15	500	1,000			1,800	

Location	Field ID	Date	Lab Report																																
FGW01	FGW01_0.5-0.6	28 Nov 2022	946365	<2	-	-	<0.4	-	<5	-	<5	-	<5	-	-	<5	-	<5	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
FGW01	FGW01_0.6-1.0	28 Nov 2022	946365	19	-	-	2.5	-	11	-	25	-	340	-	-	19	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW01	DUP01	28 Nov 2022	946365	22	-	-	4.3	-	15	-	24	-	490	-	-	24	-	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW01	SPLIT01	28 Nov 2022	34908	23	-	-	4	-	14	-	31	-	610	-	-	20	-	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW02	FGW02_0.3-0.5	28 Nov 2022	946365	5.0	-	-	<0.4	-	12	-	12	-	30	-	-	6.9	-	51	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
FGW03	FGW03_0.3-0.5	28 Nov 2022	946365	6.9	<2	29	<0.4	<1	14	<5	13	10,000	47	150	<0.1	6.6	<2	95	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
FGW03	FGW03_0.5-0.7	28 Nov 2022	946365	5.3	-	-	<0.4	-	9.5	-	11	-	38	-	-	5.2	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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				PAH																				Organochlorine Pesticides																					Organophosphorus Pesticides
				Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	Pentachlorophenol	4,4-DDE	Aldrin	Dieldrin	Aldrin + Dieldrin	Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Heptachlor	Methoxychlor	Mirex	Toxaphene	Chlorpyrifos
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR				0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	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	0.5	0.2
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil									40	40	40												4,000	660				45	530			3,600				100	50	2,500	100	160	2,000
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																											
>=0m, <1m																																											
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																											
>=0m, <1m																																											
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt																																											
>=0m, <1m																																											
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																					370								640															
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil					1.4																																						
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil					1.4																																						
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																											
SA EPA Waste Fill					1																		5					2	2	2						2						
SA Intermediate Waste Soil					2																		40					2	2	2						2						
SA Low Level Waste Soil					5																		200					50	50	50						50						
Location	**Field ID**	**Date**	**Lab Report**																																									
FGW01	FGW01_0.5-0.6	28 Nov 2022	946365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW01	FGW01_0.6-1.0	28 Nov 2022	946365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW01	DUP01	28 Nov 2022	946365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW01	SPLIT01	28 Nov 2022	34908	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW02	FGW02_0.3-0.5	28 Nov 2022	946365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW03	FGW03_0.3-0.5	28 Nov 2022	946365	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.05	<0.05	0.20	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	<0.05	<0.5	<0.2
FGW03	FGW03_0.5-0.7	28 Nov 2022	946365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FORMER FERROCUT (2023) SOIL DATA
Project Number: 63984
Project Name: Former Ferrocut

	Chlorinated Alkanes																Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls								Phenols		
	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	2-Methylphenol	3&4-Methylphenol (m&p-cresol)	Phenol
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
LOR	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																																		7			240,000
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																					
>=0m, <1m																																					
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																					
>=0m, <1m																																					
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt																																					
>=0m, <1m																																					
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																					
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																					
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																					
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																					
SA EPA Waste Fill																																		2			
SA Intermediate Waste Soil																							14											2			
SA Low Level Waste Soil																							25.2											50			
FGW01	FGW01_0.5-0.6	28 Nov 2022	946365	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
FGW01	FGW01_0.6-1.0	28 Nov 2022	946365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW01	DUP01	28 Nov 2022	946365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW01	SPLIT01	28 Nov 2022	34908	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW02	FGW02_0.3-0.5	28 Nov 2022	946365	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-
FGW03	FGW03_0.3-0.5	28 Nov 2022	946365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.2	<0.4	<0.5
FGW03	FGW03_0.5-0.7	28 Nov 2022	946365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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FORMER FERROCUT (2023) SOIL DATA
Project Number: 63984
Project Name: Former Ferrocut

	MAH						Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes				Carbamate & Other Pesticides	Herbicides & Fungicides							Organic Sulfur Compounds	Non-Metallic Inorganics	Ionic Balance			EPA VIC - IWRG621	
	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane	Bifenthrin	Picloram	2,4,5-Trichlorophenoxy Acetic Acid	2-Methyl-4-Chlorophenoxy Butanoic Acid	2-Methyl-4-chlorophenoxyacetic acid	Atrazine	Hedonal	Mecoprop	Carbon disulfide	Cyanide (Free)	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MEQ/100G	US/CM	pH Units	mg/kg	mg/kg
LOR	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5	0.2	0.5	0.5	0.5	5	0.05	10	0.1	0.5	0.5
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	80					4,500	35,000	5,000	5,000	5,000	2,500	9,000	5,000		1,500					
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay																																				
>=0m, <1m																																				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand																																				
>=0m, <1m																																				
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt																																				
>=0m, <1m																																				
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind																																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil																																				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil																																				
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																																				
SA EPA Waste Fill																																				
SA Intermediate Waste Soil																																				
SA Low Level Waste Soil																																				

| Location | Field ID | Date | Lab Report | | | | | | | | | | | | | | | | | | |

OFFICIAL

FORMER FERROCUT (2023) SOIL DATA
Project Number: 63984
Project Name: Former Ferrocut

	Particle Size	Moisture Content	Other		
	% Clay*	Moisture Content	Moisture Content (dried @ 103°C)	TOC	Iron (%)
	%	%	%	%	%
LOR	1	0.1	1	0.1	0.01
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil					
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay					
>=0m, <1m					
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand					
>=0m, <1m					
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Silt					
>=0m, <1m					
NEPM 2013 Table 1B(1-5) Generic EIL - Comm/Ind					
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil					
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil					
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil					
SA EPA Waste Fill					
SA Intermediate Waste Soil					
SA Low Level Waste Soil					

Location	Field ID	Date	Lab Report					
FGW01	FGW01_0.5-0.6	28 Nov 2022	946365	-	-	9.3	-	-
FGW01	FGW01_0.6-1.0	28 Nov 2022	946365	-	-	22	-	-
FGW01	DUP01	28 Nov 2022	946365	-	-	22	-	-
FGW01	SPLIT01	28 Nov 2022	34908	-	25	-	-	-
FGW02	FGW02_0.3-0.5	28 Nov 2022	946365	-	-	13	-	-
FGW03	FGW03_0.3-0.5	28 Nov 2022	946365	15	-	10.0	<0.1	1.0
FGW03	FGW03_0.5-0.7	28 Nov 2022	946365	-	-	9.5	-	-

GREENCAP 2018 SOIL DATA (SURFACE SOILS)

				Inorganics						NEPM 2013 TRH Fractions						TPH						BTEX						
				Cyanide Total*	% Total Organic Carbon (TOC)	Cation Exchange Capacity (CEC)	pH (aqueous extract)	pH (Lab)	% Clay	>C16-C34 (F3)	C6-C10 without BTEX (F1)	C6-C10 with BTEX (F1)	C10-C16 without Naphthalene (F2)	>C34-C40 (F4)	C10-C16 with Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	Benzene	Ethylbenzene	Toluene	Total BTEX	Xylene (m & p)	Xylene (o)	Xylene Total
				mg/kg	%	meq/100g	pH_Units	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
EQL				1	0.1	0.05	0.1	0.1	1	100	10	10	50	100	50	10	20	50	50	50		0.1	0.1	0.1		0.2	0.1	0.3
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				1500																								
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-											260		NL									3	NL	NL				230
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)										1700	215			3300	170							75	165	135				180
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil										3500		700		10000	1000													
SA EPA Waste Fill				500												65				1000		1	3.1	1.4				14
SA Intermediate Waste Soil				1000												100				1000		5	100	50				180
SA Low Level Waste Soil				3500												1000				10000		15	1000	500				1800
Location	Field ID	Sample Depth	Sample Date																									
TP01	TP01_0.0-0.2	0.0-0.2	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP03	TP03_0.0-0.3	0.0-0.3	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP05	TP05_0.0-0.4	0.0-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP06	TP06_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP12	TP12_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP14	TP14_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	8.2	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP16	TP16_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP18	TP18_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	8.8	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP21	TP21_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP23	TP23_0.0-0.2	0.0-0.2	11/12/2017	-	0.9	39	8.7	8.4	7.5	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP25	TP25_0.0-0.2	0.0-0.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP27	TP27_0.0-0.2	0.0-0.2	12/12/2017	-	0.3	28	9.5	9.1	7.5	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP35	TP35_0.0-0.2	0.0-0.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38	TP38_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40	TP40_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41	TP41_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP45	TP45_0.0-0.1	0.0-0.1	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47	TP47_0.0-0.1	0.0-0.1	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP50	TP50_0.0-0.3	0.0-0.3	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP52	TP52_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56	TP56_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP60	TP60_0.0-0.2	0.0-0.2	14/12/2017	<5	-	-	-	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP67	TP67_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68	TP68_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	9.2	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP72	TP72_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP75	TP75_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP78	TP78_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP80	TP80_0.0-0.2	0.0-0.2	14/12/2017	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP82	TP82_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP89	TP89_0.0-0.2	0.0-0.2	14/12/2017	<5	-	-	-	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP90	TP90_0.0-0.1	0.0-0.1	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP94	TP94_0.0-0.1	0.0-0.1	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP96	TP96_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (SURFACE SOILS)

				Inorganics						NEPM 2013 TRH Fractions						TPH						BTEX						
				Cyanide Total*	% Total Organic Carbon (TOC)	Cation Exchange Capacity (CEC)	pH (aqueous extract)	pH (Lab)	% Clay	>C16-C34 (F3)	C6-C10 without BTEX (F1)	C6-C10 with BTEX (F1)	C10-C16 without Naphthalene (F2)	>C34-C40 (F4)	C10-C16 with Naphthalene (F2)	C6 - C9	C10 - C14	C15 - C28	C29-C36	+C10 - C36 (Sum of total)	C10 - C40 (Sum of total)	Benzene	Ethylbenzene	Toluene	Total BTEX	Xylene (m & p)	Xylene (o)	Xylene Total
				mg/kg	%	meq/100g	pH_Units	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
EQL				1	0.1	0.05	0.1	0.1	1	100	10	10	50	100	50	10	20	50	50	50		0.1	0.1	0.1		0.2	0.1	0.3
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																												
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				1500																								
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-											260		NL									3	NL	NL				230
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)										1700	215			3300	170							75	165	135				180
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil										3500		700		10000	1000													
SA EPA Waste Fill				500												65				1000		1	3.1	1.4				14
SA Intermediate Waste Soil				1000												100				1000		5	100	50				180
SA Low Level Waste Soil				3500												1000				10000		15	1000	500				1800
Location	Field ID	Sample Depth	Sample Date																									
TP97	TP97_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP99	TP99_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP102	TP102_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP105	TP105_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP108	TP108_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP109	TP109_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP110	TP110_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	8.7	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP112	TP112_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP114	TP114_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP116	TP116_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP118	TP118_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP120	TP120_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	8.7	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP122	TP122_0.0-0.15	0.0-0.15	15/12/2017	<5	-	-	-	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP125	TP125_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP127	TP127_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP130	TP130_0.0-0.15	0.0-0.15	15/12/2017	-			-	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP133	TP133_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP137	TP137_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP139	TP139_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP142	TP142_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	9.3	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP144	TP144_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP149	TP149_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	8.8	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP150	TP150_0.0-0.2	0-0.2	15/12/2017	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP152	TP152_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	9.4	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP156	TP156_0.0-0.2	0.0-0.2	15/12/2017	<5	-	-	-	-	-	<100	<20	<20	<50	<100	<50	<20	<20	<50	<50	<50	-	<0.1	<0.1	<0.1	-	<0.2	<0.1	<0.3
TP158	TP158_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP160	TP160_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP162	TP162_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP164	TP164_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP167	TP167_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (SURFACE SOILS)

				Heavy Metals																PAH		
				Arsenic	Barium	Beryllium	Cadmium	Chromium (hexavalent)	Chromium (III+VI)**	Chromium (Trivalent)	Cobalt	Copper	Iron (%)	Iron	Lead	Manganese	Mercury	Nickel	Silver	Zinc	Benzo(a)pyrene TEQ (lower bound) *	Benzo(a)pyrene TEQ (upper bound) *	Benzo[b+j]fluoranthene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	MG/KG	mg/kg
EQL				2	10	1	0.4	0.5	2	5	2	5	0.01	20	5	5	0.1	2	0.2	5	0.5	0.5	0.5
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^				**160**					**430**			**90**			**1800**			**560**		**1400**			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				**3000**		**500**	**900**	**3600**			**4000**	**240000**			**1500**	**60000**	**730**	**6000**		**400000**			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																							
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
SA EPA Waste Fill				**20**	**300**	**20**	**3**	**1**		**400**	**170**	**60**			**300**	**500**	**1**	**60**		**200**			
SA Intermediate Waste Soil				**200**		**40**	**30**	**200**		**120000**	**170**	**2000**			**1200**	**6000**	**30**	**600**		**14000**			
SA Low Level Waste Soil				**750**		**150**	**60**	**750**		**300000**	**1000**	**7500**			**5000**	**10000**	**110**	**3000**		**50000**			
Location	**Field ID**	**Sample Depth**	**Sample Date**																				
TP01	TP01_0.0-0.2	0.0-0.2	8/12/2017	3.7	-	-	<0.4	-	15	-	-	8.2	-	-	10	-	<0.1	7.1	-	16	-	-	-
TP03	TP03_0.0-0.3	0.0-0.3	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP05	TP05_0.0-0.4	0.0-0.4	11/12/2017	4	-	-	<0.4	-	8.7	-	-	8.8	-	-	17	-	<0.1	5.8	-	55	-	-	-
TP06	TP06_0.0-0.2	0.0-0.2	11/12/2017	2.2	-	-	<0.4	-	<5	-	-	<5	-	-	9.8	-	<0.1	<5	-	20	-	-	-
TP12	TP12_0.0-0.2	0.0-0.2	11/12/2017	<2	-	-	<0.4	-	<5	-	-	6.4	-	-	12	-	<0.1	<5	-	22	-	-	-
TP14	TP14_0.0-0.2	0.0-0.2	11/12/2017	2.9	-	-	<0.4	-	5.2	-	-	7.4	-	-	32	-	<0.1	<5	-	27	<0.5	1.2	<0.5
TP16	TP16_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP18	TP18_0.0-0.2	0.0-0.2	11/12/2017	3.8	-	-	<0.4	-	7.3	-	-	10	-	-	36	-	<0.1	5	-	34	<0.5	1.2	<0.5
TP21	TP21_0.0-0.2	0.0-0.2	11/12/2017	3.1	-	-	<0.4	-	6.9	-	-	5.8	-	-	8.5	-	<0.1	<5	-	15	-	-	-
TP23	TP23_0.0-0.2	0.0-0.2	11/12/2017	3.5	-	-	<0.4	-	10	-	-	7.2	0.68	6800	9.7	-	<0.1	<5	-	21	<0.5	1.2	<0.5
TP25	TP25_0.0-0.2	0.0-0.2	12/12/2017	4.8	-	-	<0.4	-	16	-	-	12	-	-	26	-	<0.1	9.1	-	29	-	-	-
TP27	TP27_0.0-0.2	0.0-0.2	12/12/2017	4	-	-	<0.4	-	11	-	-	5.7	0.92	9200	<5	-	<0.1	<5	-	11	<0.5	1.2	<0.5
TP35	TP35_0.0-0.2	0.0-0.2	12/12/2017	3.4	-	-	<0.4	-	7.4	-	-	8.3	-	-	16	-	<0.1	<5	-	24	-	-	-
TP38	TP38_0.0-0.2	0.0-0.2	13/12/2017	2.5	-	-	<0.4	-	7.3	-	-	<5	-	-	<5	-	<0.1	<5	-	8.5	-	-	-
TP40	TP40_0.0-0.2	0.0-0.2	13/12/2017	2.8	-	-	<0.4	-	6.2	-	-	8.9	-	-	16	-	<0.1	<5	-	37	-	-	-
TP41	TP41_0.0-0.2	0.0-0.2	13/12/2017	<2	-	-	<0.4	-	<5	-	-	<5	-	-	<5	-	<0.1	<5	-	<5	<0.5	1.2	<0.5
TP45	TP45_0.0-0.1	0.0-0.1	13/12/2017	2	-	-	<0.4	-	6.2	-	-	<5	-	-	<5	-	<0.1	<5	-	6.7	-	-	-
TP47	TP47_0.0-0.1	0.0-0.1	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP50	TP50_0.0-0.3	0.0-0.3	13/12/2017	<2	-	-	<0.4	-	<5	-	-	<5	-	-	11	-	<0.1	<5	-	17	-	-	-
TP52	TP52_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP56	TP56_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP60	TP60_0.0-0.2	0.0-0.2	14/12/2017	2.6	37	<2	<0.4	<1	11	11	<5	5.4	-	-	<5	35	<0.1	<5	<0.2	7.5	<0.5	1.2	<0.5
TP67	TP67_0.0-0.2	0.0-0.2	14/12/2017	6.3	-	-	<0.4	-	11	-	-	8.2	-	-	8.7	-	<0.1	6.5	-	16	-	-	-
TP68	TP68_0.0-0.2	0.0-0.2	14/12/2017	3.6	-	-	<0.4	-	15	-	-	8.8	-	-	6.4	-	<0.1	6.8	-	15	<0.5	1.2	<0.5
TP72	TP72_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP75	TP75_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP78	TP78_0.0-0.2	0.0-0.2	14/12/2017	4.3	-	-	<0.4	-	17	-	-	11	-	-	6.5	-	<0.1	8.3	-	15	-	-	-
TP80	TP80_0.0-0.2	0.0-0.2	14/12/2017	5	-	-	<0.4	-	19	-	-	10	-	-	8.5	-	<0.1	8.8	-	19	-	-	-
TP82	TP82_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP89	TP89_0.0-0.2	0.0-0.2	14/12/2017	3	17	<2	<0.4	<1	7	7	<5	15	-	-	15	61	<0.1	<5	<0.2	27	<0.5	1.2	<0.5
TP90	TP90_0.0-0.1	0.0-0.1	14/12/2017	<2	-	-	<0.4	-	<5	-	-	<5	-	-	30	-	<0.1	<5	-	62	-	-	-
TP94	TP94_0.0-0.1	0.0-0.1	14/12/2017	3.1	-	-	<0.4	-	6.9	-	-	7.8	-	-	17	-	<0.1	<5	-	37	-	-	-
TP96	TP96_0.0-0.2	0.0-0.2	14/12/2017	3.4	-	-	0.5	-	6.5	-	-	11	-	-	45	-	<0.1	5.8	-	33	-	-	-

GREENCAP 2018 SOIL DATA (SURFACE SOILS)

				Heavy Metals																PAH		
				Arsenic	Barium	Beryllium	Cadmium	Chromium (hexavalent)	Chromium (III+VI)**	Chromium (Trivalent)	Cobalt	Copper	Iron (%)	Iron	Lead	Manganese	Mercury	Nickel	Silver	Zinc	Benzo(a)pyrene TEQ (lower bound) *	Benzo(a)pyrene TEQ (upper bound) *	Benzo[b+j]fluoranthene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	MG/KG	mg/kg
EQL				2	10	1	0.4	0.5	2	5	2	5	0.01	20	5	5	0.1	2	0.2	5	0.5	0.5	0.5
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^				**160**					**430**			**90**			**1800**			**560**		**1400**			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				**3000**		**500**	**900**	**3600**			**4000**	**240000**			**1500**	**60000**	**730**	**6000**		**400000**			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																							
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
SA EPA Waste Fill				**20**	**300**	**20**	**3**	**1**		**400**	**170**	**60**			**300**	**500**	**1**	**60**		**200**			
SA Intermediate Waste Soil				**200**		**40**	**30**	**200**		**120000**	**170**	**2000**			**1200**	**6000**	**30**	**600**		**14000**			
SA Low Level Waste Soil				**750**		**150**	**60**	**750**		**300000**	**1000**	**7500**			**5000**	**10000**	**110**	**3000**		**50000**			
Location	**Field ID**	**Sample Depth**	**Sample Date**																				
TP97	TP97_0.0-0.2	0.0-0.2	14/12/2017	3.5	-	-	<0.4	-	12	-	-	8.2	-	-	12	-	<0.1	8.7	-	28	<0.5	1.2	<0.5
TP99	TP99_0.0-0.15	0.0-0.15	14/12/2017	2.8	-	-	<0.4	-	5.7	-	-	11	-	-	15	-	<0.1	<5	-	25	-	-	-
TP102	TP102_0.0-0.2	0.0-0.2	14/12/2017	2.8	-	-	<0.4	-	6.2	-	-	6	-	-	11	-	<0.1	<5	-	20	<0.5	1.2	<0.5
TP105	TP105_0.0-0.15	0.0-0.15	14/12/2017	3.4	-	-	<0.4	-	6.7	-	-	8.8	-	-	32	-	<0.1	<5	-	34	-	-	-
TP108	TP108_0.0-0.15	0.0-0.15	14/12/2017	2.8	-	-	<0.4	-	5.6	-	-	7.1	-	-	15	-	<0.1	<5	-	25	<0.5	1.2	<0.5
TP109	TP109_0.0-0.15	0.0-0.15	14/12/2017	2.5	-	-	<0.4	-	<5	-	-	8.3	-	-	12	-	<0.1	<5	-	16	-	-	-
TP110	TP110_0.0-0.2	0.0-0.2	15/12/2017	4.4	-	-	<0.4	-	7.4	-	-	7.7	-	-	15	-	<0.1	<5	-	22	<0.5	1.2	<0.5
TP112	TP112_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP114	TP114_0.0-0.15	0.0-0.15	15/12/2017	3.3	-	-	<0.4	-	7	-	-	8.6	-	-	20	-	<0.1	<5	-	26	-	-	-
TP116	TP116_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP118	TP118_0.0-0.15	0.0-0.15	15/12/2017	3.6	-	-	<0.4	-	6.8	-	-	7	-	-	17	-	<0.1	<5	-	27	-	-	-
TP120	TP120_0.0-0.15	0.0-0.15	15/12/2017	3.2	-	-	<0.4	-	5.6	-	-	6	-	-	18	-	<0.1	<5	-	24	<0.5	1.2	<0.5
TP122	TP122_0.0-0.15	0.0-0.15	15/12/2017	2.7	14	<2	<0.4	<1	5.3	5.3	<5	10	-	-	17	58	<0.1	<5	<0.2	36	<0.5	1.2	<0.5
TP125	TP125_0.0-0.15	0.0-0.15	15/12/2017	3.4	-	-	<0.4	-	6.6	-	-	9	-	-	28	-	<0.1	6.3	-	28	-	-	-
TP127	TP127_0.0-0.15	0.0-0.15	15/12/2017	3.8	-	-	<0.4	-	7.7	-	-	9.1	-	-	28	-	<0.1	<5	-	38	-	-	-
TP130	TP130_0.0-0.15	0.0-0.15	15/12/2017	3.4	-	-	<0.4	-	6.4	-	-	8	-	-	19	-	<0.1	<5	-	30	<0.5	1.2	<0.5
TP133	TP133_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP137	TP137_0.0-0.2	0.0-0.2	15/12/2017	6.5	-	-	0.6	-	23	-	-	16	-	-	47	-	0.1	10	-	89	<0.5	1.2	<0.5
TP139	TP139_0.0-0.2	0.0-0.2	15/12/2017	5.7	-	-	<0.4	-	25	-	-	13	-	-	7.3	-	<0.1	11	-	18	-	-	-
TP142	TP142_0.0-0.2	0.0-0.2	15/12/2017	4.2	-	-	<0.4	-	18	-	-	10	-	-	6.7	-	<0.1	8.7	-	16	<0.5	1.2	<0.5
TP144	TP144_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP149	TP149_0.0-0.2	0.0-0.2	15/12/2017	4.9	-	-	<0.4	-	16	-	-	10	-	-	29	-	<0.1	8	-	24	<0.5	1.2	<0.5
TP150	TP150_0.0-0.2	0-0.2	15/12/2017	5.3	-	-	<0.4	-	25	-	-	12	-	-	9.6	-	<0.1	12	-	21	<0.5	1.2	<0.5
TP152	TP152_0.0-0.2	0.0-0.2	15/12/2017	4.7	-	-	<0.4	-	20	-	-	12	-	-	15	-	<0.1	10	-	22	<0.5	1.2	<0.5
TP156	TP156_0.0-0.2	0.0-0.2	15/12/2017	3.5	33	<2	<0.4	<1	11	11	<5	10	-	-	13	100	<0.1	7	<0.2	23	<0.5	1.2	<0.5
TP158	TP158_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP160	TP160_0.0-0.2	0.0-0.2	15/12/2017	7.7	-	-	<0.4	-	28	-	-	18	-	-	14	-	<0.1	15	-	24	-	-	-
TP162	TP162_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5
TP164	TP164_0.0-0.2	0.0-0.2	15/12/2017	4.6	-	-	<0.4	-	20	-	-	11	-	-	7.1	-	<0.1	9.1	-	16	-	-	-
TP167	TP167_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	1.2	<0.5

GREENCAP 2018 SOIL DATA (SURFACE SOILS)

				PAH/Phenols																							
				2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(a)pyrene TEQ (medium bound) *	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Phenol	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	5	0.2	0.5	0.4	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																								370					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	40								4000		240000		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																								NL					
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																1.4													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
SA EPA Waste Fill																1									5				
SA Intermediate Waste Soil																2									40				
SA Low Level Waste Soil																5									200				
Location	**Field ID**	**Sample Depth**	**Sample Date**																										
TP01	TP01_0.0-0.2	0.0-0.2	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP03	TP03_0.0-0.3	0.0-0.3	8/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP05	TP05_0.0-0.4	0.0-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP06	TP06_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP12	TP12_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP14	TP14_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP16	TP16_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP18	TP18_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP21	TP21_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP23	TP23_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP25	TP25_0.0-0.2	0.0-0.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP27	TP27_0.0-0.2	0.0-0.2	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP35	TP35_0.0-0.2	0.0-0.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38	TP38_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40	TP40_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41	TP41_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP45	TP45_0.0-0.1	0.0-0.1	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47	TP47_0.0-0.1	0.0-0.1	13/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP50	TP50_0.0-0.3	0.0-0.3	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP52	TP52_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP56	TP56_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP60	TP60_0.0-0.2	0.0-0.2	14/12/2017	<0.5	<5	<0.2	<1	<0.4	<5	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP67	TP67_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68	TP68_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP72	TP72_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP75	TP75_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP78	TP78_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP80	TP80_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP82	TP82_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP89	TP89_0.0-0.2	0.0-0.2	14/12/2017	<0.5	<5	<0.2	<1	<0.4	<5	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP90	TP90_0.0-0.1	0.0-0.1	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP94	TP94_0.0-0.1	0.0-0.1	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP96	TP96_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (SURFACE SOILS)

				PAH/Phenols																							
				2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(a)pyrene TEQ (medium bound) *	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Phenol	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	5	0.2	0.5	0.4	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																								370					
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	40								4000		240000		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																								NL					
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																1.4													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
SA EPA Waste Fill																1									5				
SA Intermediate Waste Soil																2									40				
SA Low Level Waste Soil																5									200				
Location	**Field ID**	**Sample Depth**	**Sample Date**																										
TP97	TP97_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP99	TP99_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP102	TP102_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP105	TP105_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP108	TP108_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP109	TP109_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP110	TP110_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP112	TP112_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP114	TP114_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP116	TP116_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP118	TP118_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP120	TP120_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP122	TP122_0.0-0.15	0.0-0.15	15/12/2017	<0.5	<5	<0.2	<1	<0.4	<5	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP125	TP125_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP127	TP127_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP130	TP130_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP133	TP133_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP137	TP137_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP139	TP139_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP142	TP142_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP144	TP144_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP149	TP149_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP150	TP150_0.0-0.2	0-0.2	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP152	TP152_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP156	TP156_0.0-0.2	0.0-0.2	15/12/2017	<0.5	<5	<0.2	<1	<0.4	<5	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP158	TP158_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP160	TP160_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP162	TP162_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP164	TP164_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP167	TP167_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5

GREENCAP 2018 SOIL DATA (SURFACE SOILS)

				Phenolics				Herbicid	Chlorina	Halogen	Organochlorine Pesticides																
				4,6-Dinitro-o-cyclohexyl phenol	Phenols	Phenols (Total Halogenated)	Phenols (Total Non Halogenated)	Dinoseb	Tetrachloroethene	Hexachlorobenzene	DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				20		1	20	20	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05			0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																					640								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										80				45		530						3600		2000			100		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																													
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
SA EPA Waste Fill														2		2					2								
SA Intermediate Waste Soil									14					2		2					2								
SA Low Level Waste Soil									25.2					50		50					50								
Location	**Field ID**	**Sample Depth**	**Sample Date**																										
TP01	TP01_0.0-0.2	0.0-0.2	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP03	TP03_0.0-0.3	0.0-0.3	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP05	TP05_0.0-0.4	0.0-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP06	TP06_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP12	TP12_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP14	TP14_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	<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
TP16	TP16_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP18	TP18_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	<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
TP21	TP21_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP23	TP23_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	<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
TP25	TP25_0.0-0.2	0.0-0.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP27	TP27_0.0-0.2	0.0-0.2	12/12/2017	-	-	-	-	-	-	<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
TP35	TP35_0.0-0.2	0.0-0.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38	TP38_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40	TP40_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41	TP41_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45	TP45_0.0-0.1	0.0-0.1	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47	TP47_0.0-0.1	0.0-0.1	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP50	TP50_0.0-0.3	0.0-0.3	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP52	TP52_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56	TP56_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP60	TP60_0.0-0.2	0.0-0.2	14/12/2017	<20	-	<1	<20	<20	<0.5	<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
TP67	TP67_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68	TP68_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	<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
TP72	TP72_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP75	TP75_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP78	TP78_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP80	TP80_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP82	TP82_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP89	TP89_0.0-0.2	0.0-0.2	14/12/2017	<20	-	<1	<20	<20	<0.5	<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
TP90	TP90_0.0-0.1	0.0-0.1	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP94	TP94_0.0-0.1	0.0-0.1	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP96	TP96_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (SURFACE SOILS)

				Phenolics				Herbicid	Chlorina	Halogen	Organochlorine Pesticides																	
				4,6-Dinitro-o-cyclohexyl phenol	Phenols	Phenols (Total Halogenated)	Phenols (Total Non Halogenated)	Dinoseb	Tetrachloroethene	Hexachlorobenzene	DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				20		1	20	20	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05			0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																					640								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										80				45		530						3600		2000			100	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																													
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
SA EPA Waste Fill														2		2					2							
SA Intermediate Waste Soil									14					2		2					2							
SA Low Level Waste Soil									25.2					50		50					50							
Location	**Field ID**	**Sample Depth**	**Sample Date**																										
TP97	TP97_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP99	TP99_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP102	TP102_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP105	TP105_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP108	TP108_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP109	TP109_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP110	TP110_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	<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
TP112	TP112_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP114	TP114_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP116	TP116_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP118	TP118_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP120	TP120_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	<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
TP122	TP122_0.0-0.15	0.0-0.15	15/12/2017	<20	-	<1	<20	<20	<0.5	<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
TP125	TP125_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP127	TP127_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP130	TP130_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	<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
TP133	TP133_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP137	TP137_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP139	TP139_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP142	TP142_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	<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
TP144	TP144_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP149	TP149_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	<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
TP150	TP150_0.0-0.2	0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP152	TP152_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	<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
TP156	TP156_0.0-0.2	0.0-0.2	15/12/2017	<20	-	<1	<20	<20	<0.5	<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
TP158	TP158_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP160	TP160_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP162	TP162_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP164	TP164_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP167	TP167_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (SURFACE SOILS)

				Organochlorine Pesticides (cont.)						OCP		Halogenated Phenols							Polychlorinated Biphenyls							
				Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	Vic EPA IWRG 621 OCP (Total)*	Vic EPA IWRG 621 Other OCP (Total)*	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	tetrachlorophenols	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.05	1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						**50**		**2500**	**160**								**660**									**7**
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																										
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																										
SA EPA Waste Fill						**2**																				**2**
SA Intermediate Waste Soil						**2**																				**2**
SA Low Level Waste Soil						**50**																				**50**
Location	**Field ID**	**Sample Depth**	**Sample Date**																							
TP01	TP01_0.0-0.2	0.0-0.2	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP03	TP03_0.0-0.3	0.0-0.3	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP05	TP05_0.0-0.4	0.0-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP06	TP06_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP12	TP12_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP14	TP14_0.0-0.2	0.0-0.2	11/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP16	TP16_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP18	TP18_0.0-0.2	0.0-0.2	11/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP21	TP21_0.0-0.2	0.0-0.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP23	TP23_0.0-0.2	0.0-0.2	11/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP25	TP25_0.0-0.2	0.0-0.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP27	TP27_0.0-0.2	0.0-0.2	12/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP35	TP35_0.0-0.2	0.0-0.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP38	TP38_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP40	TP40_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP41	TP41_0.0-0.2	0.0-0.2	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP45	TP45_0.0-0.1	0.0-0.1	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP47	TP47_0.0-0.1	0.0-0.1	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP50	TP50_0.0-0.3	0.0-0.3	13/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP52	TP52_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP56	TP56_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP60	TP60_0.0-0.2	0.0-0.2	14/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	<1	<1	<0.5	<0.5	<0.5	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP67	TP67_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP68	TP68_0.0-0.2	0.0-0.2	14/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP72	TP72_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP75	TP75_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP78	TP78_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP80	TP80_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP82	TP82_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP89	TP89_0.0-0.2	0.0-0.2	14/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	<1	<1	<0.5	<0.5	<0.5	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP90	TP90_0.0-0.1	0.0-0.1	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP94	TP94_0.0-0.1	0.0-0.1	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP96	TP96_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (SURFACE SOILS)

				Organochlorine Pesticides (cont.)						OCP		Halogenated Phenols							Polychlorinated Biphenyls							
				Endrin ketone	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	Vic EPA IWRG 621 OCP (Total)*	Vic EPA IWRG 621 Other OCP (Total)*	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	tetrachlorophenols	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.05	1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						**50**		**2500**	**160**								**660**									**7**
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																										
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																										
SA EPA Waste Fill						**2**																				**2**
SA Intermediate Waste Soil						**2**																				**2**
SA Low Level Waste Soil						**50**																				**50**
Location	**Field ID**	**Sample Depth**	**Sample Date**																							
TP97	TP97_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP99	TP99_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP102	TP102_0.0-0.2	0.0-0.2	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP105	TP105_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP108	TP108_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP109	TP109_0.0-0.15	0.0-0.15	14/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP110	TP110_0.0-0.2	0.0-0.2	15/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP112	TP112_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP114	TP114_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP116	TP116_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP118	TP118_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP120	TP120_0.0-0.15	0.0-0.15	15/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP122	TP122_0.0-0.15	0.0-0.15	15/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	<1	<1	<0.5	<0.5	<0.5	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP125	TP125_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP127	TP127_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP130	TP130_0.0-0.15	0.0-0.15	15/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP133	TP133_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP137	TP137_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP139	TP139_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP142	TP142_0.0-0.2	0.0-0.2	15/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP144	TP144_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP149	TP149_0.0-0.2	0.0-0.2	15/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP150	TP150_0.0-0.2	0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP152	TP152_0.0-0.2	0.0-0.2	15/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP156	TP156_0.0-0.2	0.0-0.2	15/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	<1	<1	<0.5	<0.5	<0.5	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP158	TP158_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP160	TP160_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP162	TP162_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP164	TP164_0.0-0.2	0.0-0.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP167	TP167_0.0-0.15	0.0-0.15	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (DEEP SOILS)

				Heavy Metal																PAH		
				Arsenic	Barium	Beryllium	Cadmium	Chromium (hexavalent)	Chromium (III+VI) **	Chromium (Trivalent)	Cobalt	Copper	Iron	Iron (%)	Lead	Manganese	Mercury	Nickel	Silver	Zinc	Benzo(a)pyrene TEQ (lower bound) *	Benzo(a)pyrene TEQ (upper bound) *	Benzo[b+j]fluoranthene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	MG/KG	mg/kg
EQL				2	10	1	0.4	0.5	2	5	2	5	20	0.01	5	5	0.1	2	0.2	5	0.5	0.5	0.5
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^				160					430			90			1800			560		1400			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				3000		500	900	3600			4000	240000			1500	60000	730	6000		400000			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																							
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
SA EPA Waste Fill				20	300	20	3	1		400	170	60			300	500	1	60		200			
SA Intermediate Waste Soil				200		40	30	200		120000	170	2000			1200	6000	30	600		14000			
SA Low Level Waste Soil				750		150	60	750		300000	1000	7500			5000	10000	110	3000		50000			
Location	**Field ID**	**Sample Depth**	**Sample Date**																				
TP01	TP01_1.0-1.1	1-1.1	8/12/2017	3.4	-	-	<0.4	-	27	-	-	15	-	-	19	-	<0.1	18	-	59	-	-	-
	TP01_1.1-1.3	1.1-1.3	8/12/2017	4	-	-	0.6	-	19	-	-	12	18000	1.8	26	-	<0.1	13	-	46	<0.5	1.2	<0.5
	TP01_1.7-2.0	1.7-2	8/12/2017	<2	-	-	<0.4	-	8.9	-	-	8.9	-	-	20	-	<0.1	8	-	31	-	-	-
TP02	TP02_0.3-0.5	0.3-0.5	8/12/2017	2.9	-	-	0.4	-	10	-	-	12	-	-	30	-	<0.1	7.2	-	36	-	-	-
	TP02_1.6-1.8	1.6-1.8	8/12/2017	60	-	-	22	-	29	-	-	20	-	-	560	-	<0.1	31	-	330	-	-	-
TP03	TP03_1.4-1.6	1.4-1.6	8/12/2017	3	39	<2	<0.4	<1	12	12	<5	13	-	-	19	130	<0.1	6.9	<0.2	34	<0.5	1.2	<0.5
	TP03_1.6-1.8	1.6-1.8	8/12/2017	<2	-	-	<0.4	-	7.2	-	-	15	-	-	14	-	<0.1	9.3	-	18	-	-	-
TP04	TP04_1.2-1.4	1.2-1.4	8/12/2017	5.1	-	-	<0.4	-	26	-	-	32	-	-	37	-	<0.1	14	-	130	<0.5	1.2	<0.5
TP05	TP05_1.0-1.2	1-1.2	11/12/2017	6.3	-	-	<0.4	-	25	-	-	32	-	-	35	-	<0.1	14	-	120	<0.5	1.2	<0.5
TP06	TP06_0.4-0.6	0.4-0.6	11/12/2017	<2	-	-	<0.4	-	9	-	-	9.5	-	-	17	-	<0.1	5.7	-	47	<0.5	1.2	<0.5
	TP06_1.4-1.6	1.4-1.6	11/12/2017	<2	-	-	<0.4	-	<5	-	-	31	-	-	7.7	-	<0.1	8.2	-	15	-	-	-
TP07	TP07_1.4-1.5	1.4-1.5	11/12/2017	2.7	-	-	<0.4	-	23	-	-	11	-	-	15	-	<0.1	15	-	47	-	-	-
	TP07_1.5-1.8	1.5-1.8	11/12/2017	11	<10	<2	<0.4	<1	<5	<5	<5	13	-	-	<5	180	<0.1	<5	<0.2	<5	<0.5	1.2	<0.5
TP08	TP08_1.3-1.5	1.3-1.5	11/12/2017	<2	-	-	<0.4	-	7.9	-	-	6.7	-	-	15	-	<0.1	<5	-	22	<0.5	1.2	<0.5
TP09	TP09_1.4-1.6	1.4-1.6	11/12/2017	2.4	-	-	0.4	-	13	-	-	12	-	-	34	-	<0.1	8.5	-	35	<0.5	1.2	<0.5
	TP09_1.7-2.0	1.7-2	11/12/2017	4.7	-	-	1.6	-	5.7	-	-	17	-	-	55	-	<0.1	8.6	-	29	-	-	-
TP10	TP10_0.3-0.5	0.3-0.5	11/12/2017	<2	-	-	<0.4	-	12	-	-	11	-	-	54	-	<0.1	8.6	-	43	<0.5	1.2	<0.5
	TP10_1.3-1.5	1.3-1.5	11/12/2017	3	-	-	<0.4	-	7.7	-	-	6.5	-	-	17	-	<0.1	<5	-	31	<0.5	1.2	<0.5
	TP10_2.0-2.2	2-2.2	11/12/2017	19	-	-	3.1	-	11	-	-	18	-	-	100	-	<0.1	13	-	74	-	-	-
TP11	TP11_0.2-0.4	0.2-0.4	11/12/2017	<2	-	-	<0.4	-	12	-	-	12	-	-	37	-	<0.1	7.9	-	39	-	-	-
	TP11_1.7-2.0	1.7-2	11/12/2017	<2	-	-	<0.4	-	<5	-	-	5.8	-	-	9.2	-	<0.1	<5	-	7.6	<0.5	1.2	<0.5
	TP11_2.6-2.7	2.6-2.7	11/12/2017	4.7	<10	<2	0.5	<1	<5	<5	<5	5.3	-	-	7.3	30	<0.1	5.9	<0.2	6.3	<0.5	1.2	<0.5
TP12	TP12_1.0-1.2	1-1.2	11/12/2017	3	-	-	0.5	-	12	-	-	21	9200	0.92	100	-	<0.1	7.2	-	45	2.6	3.1	1.7
	TP12_2.0-2.2	2-2.2	11/12/2017	68	-	-	27	-	28	-	-	23	-	-	790	-	<0.1	16	-	430	-	-	-
	TP12_3.0-3.2	3-3.2	11/12/2017	54	-	-	11	-	56	-	-	29	-	-	780	-	<0.1	11	-	150	-	-	-
TP13	TP13_1.3-1.4	1.3-1.4	11/12/2017	<2	-	-	<0.4	-	5.2	-	-	7.4	-	-	22	-	<0.1	<5	-	23	<0.5	1.2	<0.5
	TP13_3.8-4.0	3.8-4	11/12/2017	<2	-	-	0.5	-	<5	-	-	<5	-	-	11	-	<0.1	13	-	8	-	-	-
TP14	TP14_0.2-0.4	0.2-0.4	11/12/2017	<2	-	-	<0.4	-	5.9	-	-	7.7	-	-	26	-	<0.1	<5	-	27	<0.5	1.2	<0.5
	TP14_1.8-2.0	1.8-2	11/12/2017	<2	-	-	<0.4	-	<5	-	-	7	-	-	62	-	<0.1	<5	-	16	-	-	-
TP15	TP15_0.2-0.4	0.2-0.4	11/12/2017	<2	-	-	<0.4	-	5.5	-	-	6.5	-	-	17	-	<0.1	<5	-	21	<0.5	1.2	<0.5
	TP15_1.7-1.9	1.7-1.9	11/12/2017	<2	-	-	<0.4	-	<5	-	-	10	-	-	6	-	<0.1	<5	-	5.9	-	-	-
TP16	TP16_0.2-0.4	0.2-0.4	11/12/2017	<2	-	-	<0.4	-	7.5	-	-	12	-	-	29	-	<0.1	<5	-	55	-	-	-
	TP16_1.2-1.4	1.2-1.4	11/12/2017	4.3	-	-	<0.4	-	19	-	-	30	-	-	32	-	<0.1	11	-	78	<0.5	1.2	<0.5
	TP16_1.4-1.5	1.4-1.5	11/12/2017	3.9	-	-	<0.4	-	32	-	-	17	-	-	15	-	<0.1	20	-	45	<0.5	1.2	<0.5
	TP16_1.85-2.0	1.85-2	11/12/2017	<2	-	-	<0.4	-	<5	-	-	16	-	-	16	-	<0.1	5.9	-	13	-	-	-
TP17	TP17_1.1-1.3	1.1-1.3	11/12/2017	<2	-	-	<0.4	-	17	-	-	20	-	-	23	-	<0.1	9	-	43	-	-	-
	TP17_1.8-2.0	1.8-2	11/12/2017	<2	-	-	<0.4	-	<5	-	-	31	-	-	7.1	-	<0.1	5.2	-	17	-	-	-

GREENCAP 2018 SOIL DATA (DEEP SOILS)

				Heavy Metal																PAH		
				Arsenic	Barium	Beryllium	Cadmium	Chromium (hexavalent)	Chromium (III+VI) **	Chromium (Trivalent)	Cobalt	Copper	Iron	Iron (%)	Lead	Manganese	Mercury	Nickel	Silver	Zinc	Benzo(a)pyrene TEQ (lower bound) *	Benzo(a)pyrene TEQ (upper bound) *	Benzo[b+j]fluoranthene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	MG/KG	mg/kg
EQL				2	10	1	0.4	0.5	2	5	2	5	20	0.01	5	5	0.1	2	0.2	5	0.5	0.5	0.5
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^				**160**					**430**			**90**			**1800**			**560**		**1400**			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				**3000**		**500**	**900**	**3600**			**4000**	**240000**			**1500**	**60000**	**730**	**6000**		**400000**			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																							
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
SA EPA Waste Fill				**20**	**300**	**20**	**3**	**1**		**400**	**170**	**60**			**300**	**500**	**1**	**60**		**200**			
SA Intermediate Waste Soil				**200**		**40**	**30**	**200**		**120000**	**170**	**2000**			**1200**	**6000**	**30**	**600**		**14000**			
SA Low Level Waste Soil				**750**		**150**	**60**	**750**		**300000**	**1000**	**7500**			**5000**	**10000**	**110**	**3000**		**50000**			
Location	**Field ID**	**Sample Depth**	**Sample Date**																				
TP18	TP18_0.2-0.4	0.2-0.4	11/12/2017	<2	-	-	<0.4	-	7.2	-	-	9.9	-	-	26	-	<0.1	<5	-	28	-	-	-
	TP18_1.0-1.2	1-1.2	11/12/2017	2.7	-	-	<0.4	-	24	-	-	30	-	-	36	-	0.1	17	-	150	-	-	-
	TP18_2.3-2.5	2.3-2.5	11/12/2017	7.9	-	-	<0.4	-	11	-	-	<5	-	-	5.9	-	<0.1	<5	-	5.5	<0.5	1.2	<0.5
TP19	TP19_1.0-1.2	1-1.2	11/12/2017	4.1	-	-	<0.4	-	24	-	-	33	-	-	38	-	0.2	14	-	140	<0.5	1.2	<0.5
	TP19_1.2-1.4	1.2-1.4	11/12/2017	<2	-	-	<0.4	-	11	-	-	18	-	-	28	-	<0.1	5.8	-	75	<0.5	1.2	<0.5
	TP19_2.3-2.5	2.3-2.5	11/12/2017	<2	-	-	<0.4	-	110	-	-	<5	-	-	13	-	<0.1	<5	-	8.4	-	-	-
TP20	TP20_0.2-0.4	0.2-0.4	11/12/2017	<2	-	-	<0.4	-	7	-	-	6.9	-	-	14	-	<0.1	<5	-	24	-	-	-
	TP20_1.1-1.3	1.1-1.3	11/12/2017	4.9	-	-	<0.4	-	22	-	-	47	-	-	52	-	0.5	18	-	**260**	<0.5	1.2	<0.5
	TP20_1.5-1.7	1.5-1.7	11/12/2017	<2	-	-	<0.4	-	<5	-	-	30	-	-	5.7	-	<0.1	6.3	-	12	-	-	-
TP21	TP21_0.4-0.6	0.4-0.6	11/12/2017	<2	-	-	<0.4	-	6.1	-	-	7.8	-	-	20	-	<0.1	<5	-	22	-	-	-
	TP21_1.0-1.2	1-1.2	11/12/2017	3.1	-	-	<0.4	-	30	-	-	38	-	-	42	-	0.2	17	-	150	-	-	-
TP22	TP22_0.2-0.5	0.2-0.5	11/12/2017	<2	-	-	<0.4	-	13	-	-	10	-	-	13	-	<0.1	6.5	-	22	<0.5	1.2	<0.5
	TP22_0.5-0.6	0.5-0.6	11/12/2017	2.6	-	-	<0.4	-	26	-	-	15	-	-	10	-	<0.1	12	-	19	-	-	-
	TP22_1.1-1.3	1.1-1.3	11/12/2017	4.3	-	-	<0.4	-	26	-	-	30	-	-	55	-	0.1	14	-	150	<0.5	1.2	<0.5
	TP22_1.4-1.5	1.4-1.5	11/12/2017	<2	-	-	<0.4	-	9.9	-	-	11	-	-	14	-	<0.1	6.3	-	25	-	-	-
	TP22_2.2-2.4	2.2-2.4	11/12/2017	<2	-	-	0.7	-	10	-	-	8.7	-	-	16	-	0.6	18	-	16	-	-	-
TP23	TP23_0.2-0.4	0.2-0.4	11/12/2017	<2	-	-	<0.4	-	13	-	-	13	-	-	18	-	<0.1	6.9	-	28	-	-	-
	TP23_0.7-0.9	0.7-0.9	11/12/2017	<2	-	-	<0.4	-	25	-	-	26	-	-	22	-	<0.1	11	-	60	<0.5	1.2	<0.5
	TP23_1.1-1.3	1.1-1.3	11/12/2017	6.9	120	<2	**3.3**	<1	19	19	8.2	54	-	-	210	250	0.7	18	<0.2	**710**	<0.5	1.2	<0.5
	TP23_2.1-2.3	2.1-2.3	11/12/2017	14	-	-	1.5	-	20	-	-	23	-	-	84	-	0.6	14	-	130	-	-	-
TP24	TP24_0.8-1.0	0.8-1	12/12/2017	2.8	-	-	<0.4	-	23	-	-	23	-	-	31	-	<0.1	12	-	71	-	-	-
	TP24_1.7-1.9	1.7-1.9	12/12/2017	<2	-	-	<0.4	-	<5	-	-	<5	-	-	<5	-	<0.1	<5	-	7.3	-	-	-
TP25	TP25_0.2-0.4	0.2-0.4	12/12/2017	<2	-	-	<0.4	-	8.1	-	-	9.9	-	-	21	-	<0.1	<5	-	32	-	-	-
TP26	TP26_0.3-0.5	0.3-0.5	12/12/2017	<2	-	-	0.5	-	6.8	-	-	8.4	-	-	15	-	<0.1	<5	-	24	<0.5	1.2	<0.5
	TP26_1.1-1.3	1.1-1.3	12/12/2017	<2	-	-	<0.4	-	<5	-	-	26	-	-	24	-	0.1	17	-	9.3	-	-	-
TP27	TP27_0.6-0.8	0.6-0.8	12/12/2017	<2	-	-	<0.4	-	9	-	-	<5	-	-	6	-	<0.1	<5	-	12	<0.5	1.2	<0.5
	TP27_1.0-1.2	1-1.2	12/12/2017	3.6	-	-	<0.4	-	33	-	-	18	-	-	12	-	<0.1	15	-	21	<0.5	1.2	<0.5
TP28	TP28_1.0-1.2	1-1.2	12/12/2017	3.6	-	-	<0.4	-	10	-	-	16	-	-	42	-	<0.1	7	-	68	<0.5	1.2	<0.5
	TP28_2.0-2.2	2-2.2	12/12/2017	**50**	-	-	**24**	-	20	-	-	**60**	-	-	**620**	-	<0.1	21	-	**200**	<0.5	1.2	<0.5
	TP28_2.5-2.6	2.5-2.6	12/12/2017	**39**	-	-	**16**	-	45	-	-	29	-	-	**480**	-	0.9	27	-	140	<0.5	1.2	<0.5
TP29	TP29_0.5-0.7	0.5-0.7	12/12/2017	<2	-	-	0.6	-	8.4	-	-	14	-	-	58	-	<0.1	7	-	54	<0.5	1.2	<0.5
	TP29_1.3-1.5	1.3-1.5	12/12/2017	6.2	-	-	0.6	-	13	-	-	15	-	-	49	-	<0.1	8.1	-	140	<0.5	1.2	<0.5
	TP29_1.5-1.7	1.5-1.7	12/12/2017	2	42	<2	<0.4	<1	<5	<5	<5	10	-	-	14	300	<0.1	5.9	<0.2	24	<0.5	1.2	<0.5
	TP29_2.1-2.3	2.1-2.3	12/12/2017	**20**	-	-	1.3	-	58	-	-	**64**	-	-	210	-	**6.2**	25	-	**250**	0.7	1.3	0.6
TP30	TP30_0.2-0.4	0.2-0.4	12/12/2017	5.3	-	-	<0.4	-	16	-	-	9.9	-	-	8.9	-	<0.1	7.7	-	19	<0.5	1.2	<0.5
	TP30_1.1-1.3	1.1-1.3	12/12/2017	5.1	-	-	1	-	6.8	-	-	16	-	-	32	-	0.4	8.7	-	34	<0.5	1.2	<0.5
TP31	TP31_0.2-0.4	0.2-0.4	12/12/2017	2.7	-	-	<0.4	-	11	-	-	7.6	-	-	8.7	-	<0.1	5.6	-	18	<0.5	1.2	<0.5
	TP31_1.3-1.4	1.3-1.4	12/12/2017	2.8	-	-	<0.4	-	14	-	-	9.3	-	-	31	-	<0.1	9.8	-	35	-	-	-
	TP31_1.4-1.8	1.4-1.8	12/12/2017	9.7	-	-	**3**	-	6.9	-	-	14	-	-	72	-	<0.1	8.6	-	47	-	-	-

GREENCAP 2018 SOIL DATA (DEEP SOILS)

				Heavy Metal																PAH		
				Arsenic	Barium	Beryllium	Cadmium	Chromium (hexavalent)	Chromium (III+VI) **	Chromium (Trivalent)	Cobalt	Copper	Iron	Iron (%)	Lead	Manganese	Mercury	Nickel	Silver	Zinc	Benzo(a)pyrene TEQ (lower bound) *	Benzo(a)pyrene TEQ (upper bound) *	Benzo[b+j]fluoranthene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	MG/KG	mg/kg
EQL				2	10	1	0.4	0.5	2	5	2	5	20	0.01	5	5	0.1	2	0.2	5	0.5	0.5	0.5
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^				**160**					**430**			**90**			**1800**			**560**		**1400**			
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil				**3000**		**500**	**900**	**3600**			**4000**	**240000**			**1500**	**60000**	**730**	**6000**		**400000**			
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																							
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																							
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																							
SA EPA Waste Fill				**20**	**300**	**20**	**3**	**1**		**400**	**170**	**60**			**300**	**500**	**1**	**60**		**200**			
SA Intermediate Waste Soil				**200**		**40**	**30**	**200**		**120000**	**170**	**2000**			**1200**	**6000**	**30**	**600**		**14000**			
SA Low Level Waste Soil				**750**		**150**	**60**	**750**		**300000**	**1000**	**7500**			**5000**	**10000**	**110**	**3000**		**50000**			
Location	**Field ID**	**Sample Depth**	**Sample Date**																				
TP32	TP32_0.2-0.4	0.2-0.4	12/12/2017	<2	-	-	<0.4	-	<5	-	-	<5	-	-	9.2	-	<0.1	<5	-	38	-	-	-
	TP32_0.4-0.6	0.4-0.6	12/12/2017	<2	-	-	<0.4	-	<5	-	-	<5	-	-	<5	-	<0.1	<5	-	<5	-	-	-
TP33	TP33_0.6-0.8	0.6-0.8	12/12/2017	<2	-	-	<0.4	-	6.1	-	-	5.7	-	-	11	-	<0.1	<5	-	33	<0.5	1.2	<0.5
	TP33_1.4-1.5	1.4-1.5	12/12/2017	4	-	-	<0.4	-	14	-	-	18	-	-	24	-	<0.1	8.2	-	88	-	-	-
TP34	TP34_1.2-1.3	1.2-1.3	12/12/2017	3.2	-	-	<0.4	-	9.4	-	-	12	-	-	20	-	<0.1	6.9	-	50	-	-	-
	TP34_1.3-1.5	1.3-1.5	12/12/2017	<2	-	-	<0.4	-	<5	-	-	10	-	-	<5	-	<0.1	6.3	-	8	-	-	-
	TP34_2.7-3.0	2.7-3	12/12/2017	<2	-	-	<0.4	-	<5	-	-	6.7	-	-	<5	-	<0.1	<5	-	<5	<0.5	1.2	<0.5
TP35	TP35_0.2-0.4	0.2-0.4	12/12/2017	3.9	-	-	<0.4	-	16	-	-	8.7	-	-	11	-	<0.1	7.2	-	21	-	-	-
	TP35_0.6-0.8	0.6-0.8	12/12/2017	3	-	-	<0.4	-	15	-	-	8.8	-	-	10	-	<0.1	6.6	-	21	-	-	-
	TP35_0.9-1.2	0.9-1.2	12/12/2017	2.2	-	-	<0.4	-	23	-	-	16	-	-	8.3	-	<0.1	9.7	-	28	-	-	-
TP36	TP36_0.8-1.0	0.8-1	12/12/2017	2.7	-	-	<0.4	-	22	-	-	49	-	-	21	-	<0.1	7.7	-	30	<0.5	1.2	<0.5
TP158	TP158_0.2-0.4	0.2-0.4	15/12/2017	<2	-	-	<0.4	-	7	-	-	<5	-	-	6.2	-	<0.1	<5	-	15	<0.5	1.2	<0.5
	TP158_0.8-1.1	0.8-1.1	15/12/2017	5	-	-	<0.4	-	20	-	-	13	-	-	27	-	<0.1	12	-	54	<0.5	1.2	<0.5
	TP158_1.1-1.2	1.1-1.2	15/12/2017	6.2	-	-	<0.4	-	<5	-	-	5.7	-	-	<5	-	<0.1	<5	-	5.9	-	-	-
	TP158_2.2-2.4	2.2-2.4	15/12/2017	9.5	-	-	1.5	-	61	-	-	52	-	-	160	-	**2.5**	26	-	**220**	<0.5	1.2	<0.5
TP159	TP159_0.7-0.8	0.7-0.8	15/12/2017	2.8	-	-	<0.4	-	7	-	-	5.7	-	-	7.2	-	<0.1	<5	-	16	-	-	-
	TP159_0.8-1.1	0.8-1.1	15/12/2017	2.7	-	-	<0.4	-	5.8	-	-	6.9	-	-	20	-	<0.1	<5	-	21	-	-	-
TP160	TP160_0.6-0.8	0.6-0.8	15/12/2017	4.7	-	-	<0.4	-	10	-	-	13	-	-	30	-	<0.1	6.2	-	71	<0.5	1.2	<0.5
	TP160_2.1-2.3	2.1-2.3	15/12/2017	4.6	-	-	1.7	-	74	-	-	35	-	-	150	-	**1.8**	25	-	160	-	-	-
TP161	TP161_0.2-0.4	0.2-0.4	15/12/2017	5.2	-	-	<0.4	-	22	-	-	11	-	-	6.9	-	<0.1	10	-	16	-	-	-
	TP161_0.7-0.9	0.7-0.9	15/12/2017	3.1	-	-	<0.4	-	<5	-	-	8	-	-	37	-	<0.1	<5	-	44	<0.5	1.2	<0.5
TP162	TP162_0.2-0.4	0.2-0.4	15/12/2017	12	-	-	<0.4	-	16	-	-	11	-	-	6.1	-	<0.1	11	-	13	-	-	-
	TP162_0.6-1.0	0.6-1	15/12/2017	5	-	-	<0.4	-	10	-	-	13	-	-	28	-	<0.1	6.1	-	87	<0.5	1.2	<0.5
	TP162_1.0-2.2	1-2.2	15/12/2017	4.9	-	-	1	-	6.3	-	-	9.4	-	-	33	-	0.3	6.7	-	41	-	-	-
TP163	TP163_0.2-0.4	0.2-0.4	15/12/2017	2.6	-	-	<0.4	-	7.5	-	-	<5	-	-	7.1	-	<0.1	<5	-	10	<0.5	1.2	<0.5
	TP163_1.0-1.2	1-1.2	15/12/2017	2.5	15	<2	<0.4	<1	<5	<5	<5	9.7	-	-	7.4	420	<0.1	<5	<0.2	13	<0.5	1.2	<0.5
	TP163_2.0-2.2	2-2.2	15/12/2017	6.6	-	-	1	-	55	-	-	37	-	-	130	-	0.7	24	-	**250**	-	-	-
TP164	TP164_0.2-0.4	0.2-0.4	15/12/2017	<2	-	-	<0.4	-	<5	-	-	<5	-	-	<5	-	<0.1	<5	-	<5	<0.5	1.2	<0.5
	TP164_0.7-0.8	0.7-0.8	15/12/2017	2.9	-	-	<0.4	-	<5	-	-	7.6	-	-	19	-	<0.1	<5	-	23	-	-	-
TP165	TP165_0.2-0.4	0.2-0.4	15/12/2017	2.4	-	-	<0.4	-	5.5	-	-	<5	-	-	8.2	-	<0.1	<5	-	17	<0.5	1.2	<0.5
	TP165_0.8-1.0	0.8-1	15/12/2017	6.9	-	-	<0.4	-	17	-	-	16	-	-	37	-	<0.1	9.3	-	99	<0.5	1.2	<0.5

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GREENCAP 2018 SOIL DATA (DEEP SOILS)

				PAH/Phenols																								
				2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(a)pyrene TEQ (medium bound) *	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Phenol	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	5	0.2	0.5	0.4	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																									370				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	40									4000		240000	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																									NL				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)															40 #														
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
SA EPA Waste Fill															1											5			
SA Intermediate Waste Soil															2											40			
SA Low Level Waste Soil															5											200			
Location	**Field ID**	**Sample Depth**	**Sample Date**																										
TP01	TP01_1.0-1.1	1-1.1	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP01_1.1-1.3	1.1-1.3	8/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP01_1.7-2.0	1.7-2	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP02	TP02_0.3-0.5	0.3-0.5	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP02_1.6-1.8	1.6-1.8	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP03	TP03_1.4-1.6	1.4-1.6	8/12/2017	<0.5	<5	<0.2	<1	<0.4	<5	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP03_1.6-1.8	1.6-1.8	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP04	TP04_1.2-1.4	1.2-1.4	8/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP05	TP05_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP06	TP06_0.4-0.6	0.4-0.6	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP06_1.4-1.6	1.4-1.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP07	TP07_1.4-1.5	1.4-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP07_1.5-1.8	1.5-1.8	11/12/2017	<0.5	<5	<0.2	<1	<0.4	<5	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP08	TP08_1.3-1.5	1.3-1.5	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP09	TP09_1.4-1.6	1.4-1.6	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP09_1.7-2.0	1.7-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP10	TP10_0.3-0.5	0.3-0.5	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP10_1.3-1.5	1.3-1.5	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP10_2.0-2.2	2-2.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP11	TP11_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP11_1.7-2.0	1.7-2	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP11_2.6-2.7	2.6-2.7	11/12/2017	<0.5	<5	<0.2	<1	<0.4	<5	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
TP12	TP12_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	1.3	2	2.9	1.4	1.8	1.6	<0.5	2.2	<0.5	1.2	<0.5	16.2	0.6	-	2.4
	TP12_2.0-2.2	2-2.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP12_3.0-3.2	3-3.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP13	TP13_1.3-1.4	1.3-1.4	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP13_3.8-4.0	3.8-4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP14	TP14_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP14_1.8-2.0	1.8-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP15	TP15_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP15_1.7-1.9	1.7-1.9	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP16	TP16_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16_1.2-1.4	1.2-1.4	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP16_1.4-1.5	1.4-1.5	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP16_1.85-2.0	1.85-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP17	TP17_1.1-1.3	1.1-1.3	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP17_1.8-2.0	1.8-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

GREENCAP 2018 SOIL DATA (DEEP SOILS)

				PAH/Phenols																								
				2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(a)pyrene TEQ (medium bound) *	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Phenol	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	5	0.2	0.5	0.4	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																									370				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	40									4000		240000	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																									NL				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)															40 #														
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
SA EPA Waste Fill															1											5			
SA Intermediate Waste Soil															2											40			
SA Low Level Waste Soil															5											200			
Location	Field ID	Sample Depth	Sample Date																										
TP18	TP18_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP18_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
	TP18_2.3-2.5	2.3-2.5	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP19	TP19_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP19_1.2-1.4	1.2-1.4	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP19_2.3-2.5	2.3-2.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP20	TP20_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP20_1.1-1.3	1.1-1.3	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP20_1.5-1.7	1.5-1.7	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP21	TP21_0.4-0.6	0.4-0.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP21_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TP22	TP22_0.2-0.5	0.2-0.5	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP22_0.5-0.6	0.5-0.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP22_1.1-1.3	1.1-1.3	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP22_1.4-1.5	1.4-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP22_2.2-2.4	2.2-2.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP23	TP23_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP23_0.7-0.9	0.7-0.9	11/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP23_1.1-1.3	1.1-1.3	11/12/2017	<0.5	<5	<0.2	<1	<0.4	<5	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP23_2.1-2.3	2.1-2.3	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP24	TP24_0.8-1.0	0.8-1	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
	TP24_1.7-1.9	1.7-1.9	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP25	TP25_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP26	TP26_0.3-0.5	0.3-0.5	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP26_1.1-1.3	1.1-1.3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP27	TP27_0.6-0.8	0.6-0.8	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP27_1.0-1.2	1-1.2	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP28	TP28_1.0-1.2	1-1.2	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP28_2.0-2.2	2-2.2	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP28_2.5-2.6	2.5-2.6	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP29	TP29_0.5-0.7	0.5-0.7	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP29_1.3-1.5	1.3-1.5	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP29_1.5-1.7	1.5-1.7	12/12/2017	<0.5	<5	<0.5	<1	<0.4	<5	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP29_2.1-2.3	2.1-2.3	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	0.6	1	<0.5	0.7	0.5	<0.5	0.7	<0.5	<0.5	<0.5	4.1	<0.5	-	1
TP30	TP30_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP30_1.1-1.3	1.1-1.3	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP31	TP31_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP31_1.3-1.4	1.3-1.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP31_1.4-1.8	1.4-1.8	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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GREENCAP 2018 SOIL DATA (DEEP SOILS)

				PAH/Phenols																								
				2,4-dimethylphenol	2,4-dinitrophenol	2-methylphenol	2-nitrophenol	3-&4-methylphenol	4,6-Dinitro-2-methylphenol	4-chloro-3-methylphenol	4-nitrophenol	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(a)pyrene TEQ (medium bound) *	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	PAHs (Sum of total)	Phenanthrene	Phenol	Pyrene
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.5	5	0.2	0.5	0.4	5	0.5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																									370				
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil																	40									4000		240000	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																									NL				
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)															40 #														
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
SA EPA Waste Fill															1											5			
SA Intermediate Waste Soil															2											40			
SA Low Level Waste Soil															5											200			
Location	Field ID	Sample Depth	Sample Date																										
TP32	TP32_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP32_0.4-0.6	0.4-0.6	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP33	TP33_0.6-0.8	0.6-0.8	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP33_1.4-1.5	1.4-1.5	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TP34	TP34_1.2-1.3	1.2-1.3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
	TP34_1.3-1.5	1.3-1.5	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP34_2.7-3.0	2.7-3	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP35	TP35_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP35_0.6-0.8	0.6-0.8	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP35_0.9-1.2	0.9-1.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TP36	TP36_0.8-1.0	0.8-1	12/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP158	TP158_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP158_0.8-1.1	0.8-1.1	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP158_1.1-1.2	1.1-1.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP158_2.2-2.4	2.2-2.4	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP159	TP159_0.7-0.8	0.7-0.8	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP159_0.8-1.1	0.8-1.1	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TP160	TP160_0.6-0.8	0.6-0.8	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP160_2.1-2.3	2.1-2.3	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP161	TP161_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP161_0.7-0.9	0.7-0.9	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
TP162	TP162_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP162_0.6-1.0	0.6-1	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP162_1.0-2.2	1-2.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP163	TP163_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP163_1.0-1.2	1-1.2	15/12/2017	<0.5	<5	<0.2	<1	<0.4	<5	<1	<5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	TP163_2.0-2.2	2-2.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TP164	TP164_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP164_0.7-0.8	0.7-0.8	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-
TP165	TP165_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5
	TP165_0.8-1.0	0.8-1	15/12/2017	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5

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GREENCAP 2018 SOIL DATA (DEEP SOILS)

				Phenolics				Herbicide	Chlorinat	Halogena	Organochlorine Pesticides																	
				4,6-Dinitro-o-cyclohexyl phenol	Phenols	Phenols (Total Halogenated)	Phenols (Total Non Halogenated)	Dinoseb	Tetrachloroethene	Hexachlorobenzene	DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				20		1	20	20	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05			0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																					160								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										80				45		530						3600		2000			100	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																												
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																												
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																												
SA EPA Waste Fill														2		2					2							
SA Intermediate Waste Soil									14					2		2					2							
SA Low Level Waste Soil									25.2					50		50					50							
Location	Field ID	Sample Depth	Sample Date																										
TP01	TP01_1.0-1.1	1-1.1	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP01_1.1-1.3	1.1-1.3	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP01_1.7-2.0	1.7-2	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP02	TP02_0.3-0.5	0.3-0.5	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP02_1.6-1.8	1.6-1.8	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP03	TP03_1.4-1.6	1.4-1.6	8/12/2017	<20	-	<1	<20	<20	<0.5	<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
	TP03_1.6-1.8	1.6-1.8	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP04	TP04_1.2-1.4	1.2-1.4	8/12/2017	-	-	-	-	-	-	<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
TP05	TP05_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP06	TP06_0.4-0.6	0.4-0.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP06_1.4-1.6	1.4-1.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP07	TP07_1.4-1.5	1.4-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP07_1.5-1.8	1.5-1.8	11/12/2017	<20	-	<1	<20	<20	<0.5	<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
TP08	TP08_1.3-1.5	1.3-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP09	TP09_1.4-1.6	1.4-1.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP09_1.7-2.0	1.7-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP10	TP10_0.3-0.5	0.3-0.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP10_1.3-1.5	1.3-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP10_2.0-2.2	2-2.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP11	TP11_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP11_1.7-2.0	1.7-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP11_2.6-2.7	2.6-2.7	11/12/2017	<20	-	<1	<20	<20	<0.5	<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
TP12	TP12_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP12_2.0-2.2	2-2.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP12_3.0-3.2	3-3.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP13	TP13_1.3-1.4	1.3-1.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP13_3.8-4.0	3.8-4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP14	TP14_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14_1.8-2.0	1.8-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP15	TP15_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP15_1.7-1.9	1.7-1.9	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP16	TP16_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16_1.2-1.4	1.2-1.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16_1.4-1.5	1.4-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16_1.85-2.0	1.85-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP17	TP17_1.1-1.3	1.1-1.3	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP17_1.8-2.0	1.8-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (DEEP SOILS)

				Phenolics				Herbicide	Chlorinat	Halogena	Organochlorine Pesticides																	
				4,6-Dinitro-o-cyclohexyl phenol	Phenols	Phenols (Total Halogenated)	Phenols (Total Non Halogenated)	Dinoseb	Tetrachloroethene	Hexachlorobenzene	DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				20		1	20	20	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05			0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																					160								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										80				45		530						3600		2000			100		
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																													
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																													
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																													
SA EPA Waste Fill														2		2					2								
SA Intermediate Waste Soil									14					2		2					2								
SA Low Level Waste Soil									25.2					50		50					50								
Location	Field ID	Sample Depth	Sample Date																										
TP18	TP18_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP18_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP18_2.3-2.5	2.3-2.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP19	TP19_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP19_1.2-1.4	1.2-1.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP19_2.3-2.5	2.3-2.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP20	TP20_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP20_1.1-1.3	1.1-1.3	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP20_1.5-1.7	1.5-1.7	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP21	TP21_0.4-0.6	0.4-0.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP21_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP22	TP22_0.2-0.5	0.2-0.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP22_0.5-0.6	0.5-0.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP22_1.1-1.3	1.1-1.3	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP22_1.4-1.5	1.4-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP22_2.2-2.4	2.2-2.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP23	TP23_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP23_0.7-0.9	0.7-0.9	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP23_1.1-1.3	1.1-1.3	11/12/2017	<20	-	<1	<20	<20	<0.5	<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
	TP23_2.1-2.3	2.1-2.3	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP24	TP24_0.8-1.0	0.8-1	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP24_1.7-1.9	1.7-1.9	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP25	TP25_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP26	TP26_0.3-0.5	0.3-0.5	12/12/2017	-	-	-	-	-	-	<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
	TP26_1.1-1.3	1.1-1.3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP27	TP27_0.6-0.8	0.6-0.8	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP27_1.0-1.2	1-1.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP28	TP28_1.0-1.2	1-1.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP28_2.0-2.2	2-2.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP28_2.5-2.6	2.5-2.6	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP29	TP29_0.5-0.7	0.5-0.7	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP29_1.3-1.5	1.3-1.5	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP29_1.5-1.7	1.5-1.7	12/12/2017	<20	-	<1	<20	<20	<0.5	<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
	TP29_2.1-2.3	2.1-2.3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP30	TP30_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	<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
	TP30_1.1-1.3	1.1-1.3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP31	TP31_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP31_1.3-1.4	1.3-1.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP31_1.4-1.8	1.4-1.8	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (DEEP SOILS)

				Phenolics				Herbicide	Chlorinat	Halogena	Organochlorine Pesticides																	
				4,6-Dinitro-o-cyclohexyl phenol	Phenols	Phenols (Total Halogenated)	Phenols (Total Non Halogenated)	Dinoseb	Tetrachloroethene	Hexachlorobenzene	DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				20		1	20	20	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05			0.05	0.05	0.05	0.05	0.05		0.05	0.05	0.05	0.05	0.05
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																					160								
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil										80				45		530						3600		2000			100	
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																												
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																												
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																												
SA EPA Waste Fill														2		2					2							
SA Intermediate Waste Soil									14					2		2					2							
SA Low Level Waste Soil									25.2					50		50					50							
Location	Field ID	Sample Depth	Sample Date																										
TP32	TP32_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP32_0.4-0.6	0.4-0.6	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP33	TP33_0.6-0.8	0.6-0.8	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP33_1.4-1.5	1.4-1.5	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP34	TP34_1.2-1.3	1.2-1.3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP34_1.3-1.5	1.3-1.5	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP34_2.7-3.0	2.7-3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP35	TP35_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP35_0.6-0.8	0.6-0.8	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP35_0.9-1.2	0.9-1.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP36	TP36_0.8-1.0	0.8-1	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP158	TP158_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	<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
	TP158_0.8-1.1	0.8-1.1	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP158_1.1-1.2	1.1-1.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP158_2.2-2.4	2.2-2.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP159	TP159_0.7-0.8	0.7-0.8	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP159_0.8-1.1	0.8-1.1	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP160	TP160_0.6-0.8	0.6-0.8	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP160_2.1-2.3	2.1-2.3	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP161	TP161_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP161_0.7-0.9	0.7-0.9	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP162	TP162_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP162_0.6-1.0	0.6-1	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP162_1.0-2.2	1-2.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP163	TP163_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP163_1.0-1.2	1-1.2	15/12/2017	<20	-	<1	<20	<20	<0.5	<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
	TP163_2.0-2.2	2-2.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP164	TP164_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP164_0.7-0.8	0.7-0.8	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP165	TP165_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP165_0.8-1.0	0.8-1	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

GREENCAP 2018 SOIL DATA (DEEP SOILS)

				Organochlorine Pesticides (cont.)								Halogenated Phenols							Polychlorinated Biphenyls							
				Endrin ketone	g-BHC (lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	Vic EPA IWRG 621 OCP (Total)*	Vic EPA IWRG 621 Other OCP (Total)*	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	tetrachlorophenols	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.05	1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						50		2500	160								660									7
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																										
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																										
SA EPA Waste Fill						2																				2
SA Intermediate Waste Soil						2																				2
SA Low Level Waste Soil						50																				50
Location	Field ID	Sample Depth	Sample Date																							
TP01	TP01_1.0-1.1	1-1.1	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP01_1.1-1.3	1.1-1.3	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP01_1.7-2.0	1.7-2	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP02	TP02_0.3-0.5	0.3-0.5	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP02_1.6-1.8	1.6-1.8	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP03	TP03_1.4-1.6	1.4-1.6	8/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	<1	<1	<0.5	<0.5	<0.5	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TP03_1.6-1.8	1.6-1.8	8/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP04	TP04_1.2-1.4	1.2-1.4	8/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP05	TP05_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP06	TP06_0.4-0.6	0.4-0.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP06_1.4-1.6	1.4-1.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP07	TP07_1.4-1.5	1.4-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP07_1.5-1.8	1.5-1.8	11/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	<1	<1	<0.5	<0.5	<0.5	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP08	TP08_1.3-1.5	1.3-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP09	TP09_1.4-1.6	1.4-1.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP09_1.7-2.0	1.7-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP10	TP10_0.3-0.5	0.3-0.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP10_1.3-1.5	1.3-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP10_2.0-2.2	2-2.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP11	TP11_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP11_1.7-2.0	1.7-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP11_2.6-2.7	2.6-2.7	11/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	<1	<1	<0.5	<0.5	<0.5	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP12	TP12_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP12_2.0-2.2	2-2.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP12_3.0-3.2	3-3.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP13	TP13_1.3-1.4	1.3-1.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP13_3.8-4.0	3.8-4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP14	TP14_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP14_1.8-2.0	1.8-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP15	TP15_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP15_1.7-1.9	1.7-1.9	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP16	TP16_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16_1.2-1.4	1.2-1.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16_1.4-1.5	1.4-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP16_1.85-2.0	1.85-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP17	TP17_1.1-1.3	1.1-1.3	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP17_1.8-2.0	1.8-2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (DEEP SOILS)

				Organochlorine Pesticides (cont.)								Halogenated Phenols							Polychlorinated Biphenyls							
				Endrin ketone	g-BHC (lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	Vic EPA IWRG 621 OCP (Total)*	Vic EPA IWRG 621 Other OCP (Total)*	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	tetrachlorophenols	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.05	1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						50		2500	160								660									7
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																										
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																										
SA EPA Waste Fill						2																				2
SA Intermediate Waste Soil						2																				2
SA Low Level Waste Soil						50																				50
Location	**Field ID**	**Sample Depth**	**Sample Date**																							
TP18	TP18_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP18_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP18_2.3-2.5	2.3-2.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP19	TP19_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP19_1.2-1.4	1.2-1.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP19_2.3-2.5	2.3-2.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP20	TP20_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP20_1.1-1.3	1.1-1.3	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP20_1.5-1.7	1.5-1.7	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP21	TP21_0.4-0.6	0.4-0.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP21_1.0-1.2	1-1.2	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP22	TP22_0.2-0.5	0.2-0.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP22_0.5-0.6	0.5-0.6	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP22_1.1-1.3	1.1-1.3	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP22_1.4-1.5	1.4-1.5	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP22_2.2-2.4	2.2-2.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP23	TP23_0.2-0.4	0.2-0.4	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP23_0.7-0.9	0.7-0.9	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP23_1.1-1.3	1.1-1.3	11/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	<1	<1	<0.5	<0.5	<0.5	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TP23_2.1-2.3	2.1-2.3	11/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP24	TP24_0.8-1.0	0.8-1	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP24_1.7-1.9	1.7-1.9	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP25	TP25_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP26	TP26_0.3-0.5	0.3-0.5	12/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP26_1.1-1.3	1.1-1.3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP27	TP27_0.6-0.8	0.6-0.8	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP27_1.0-1.2	1-1.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP28	TP28_1.0-1.2	1-1.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP28_2.0-2.2	2-2.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP28_2.5-2.6	2.5-2.6	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP29	TP29_0.5-0.7	0.5-0.7	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP29_1.3-1.5	1.3-1.5	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP29_1.5-1.7	1.5-1.7	12/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	<1	<1	<0.5	<0.5	<0.5	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TP29_2.1-2.3	2.1-2.3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP30	TP30_0.2-0.4	0.2-0.4	12/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP30_1.1-1.3	1.1-1.3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP31	TP31_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP31_1.3-1.4	1.3-1.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP31_1.4-1.8	1.4-1.8	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

GREENCAP 2018 SOIL DATA (DEEP SOILS)

				Organochlorine Pesticides (cont.)								Halogenated Phenols							Polychlorinated Biphenyls							
				Endrin ketone	g-BHC (lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	Vic EPA IWRG 621 OCP (Total)*	Vic EPA IWRG 621 Other OCP (Total)*	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,6-dichlorophenol	2-chlorophenol	Pentachlorophenol	tetrachlorophenols	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
EQL				0.05	0.05	0.05	0.05	0.05	1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPM 2013 Calculated EIL values for Urban Commercial / Industrial ^																										
NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil						50		2500	160								660									7
NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand (0-																										
NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil (0-2m)																										
NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil																										
SA EPA Waste Fill						2																				2
SA Intermediate Waste Soil						2																				2
SA Low Level Waste Soil						50																				50
Location	**Field ID**	**Sample Depth**	**Sample Date**																							
TP32	TP32_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP32_0.4-0.6	0.4-0.6	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP33	TP33_0.6-0.8	0.6-0.8	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP33_1.4-1.5	1.4-1.5	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP34	TP34_1.2-1.3	1.2-1.3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP34_1.3-1.5	1.3-1.5	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP34_2.7-3.0	2.7-3	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP35	TP35_0.2-0.4	0.2-0.4	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP35_0.6-0.8	0.6-0.8	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP35_0.9-1.2	0.9-1.2	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP36	TP36_0.8-1.0	0.8-1	12/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP158	TP158_0.2-0.4	0.2-0.4	15/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP158_0.8-1.1	0.8-1.1	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP158_1.1-1.2	1.1-1.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP158_2.2-2.4	2.2-2.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP159	TP159_0.7-0.8	0.7-0.8	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP159_0.8-1.1	0.8-1.1	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP160	TP160_0.6-0.8	0.6-0.8	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP160_2.1-2.3	2.1-2.3	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP161	TP161_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP161_0.7-0.9	0.7-0.9	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP162	TP162_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP162_0.6-1.0	0.6-1	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP162_1.0-2.2	1-2.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP163	TP163_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP163_1.0-1.2	1-1.2	15/12/2017	<0.05	<0.05	<0.05	<0.05	<0.05	<1	<0.1	<0.1	<1	<1	<0.5	<0.5	<0.5	<1	<1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TP163_2.0-2.2	2-2.2	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP164	TP164_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP164_0.7-0.8	0.7-0.8	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TP165	TP165_0.2-0.4	0.2-0.4	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	TP165_0.8-1.0	0.8-1	15/12/2017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

COFFEY 2017 SOIL DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

					Field_ID	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0
					LocCode	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0
					Sampled_Dat	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	14-07-17	14-07-17	14-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**NEPM 2013 EIL**	**NEPM 2013 HIL/HSL Commercial/**													
Inorganic	% Clay	%	1			-	-	13	-	-	-	-	-	-	-	-	5	-
Moisture	Moisture Content	%				-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX	Benzene	mg/kg	0.1		430	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Toluene	mg/kg	0.1		99000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Ethylbenzene	mg/kg	0.1		27000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Xylene (m & p)	mg/kg	0.2			<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Xylene (o)	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Xylene Total	mg/kg	0.3		81000	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
	Total BTEX	mg/kg				-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6 - C10	mg/kg	10			<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C6-C10 less BTEX (F1)	mg/kg	10		26000	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C10-C16	mg/kg	50		20000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	C16-C34	mg/kg	100		27000	<100	<100	<100	<100	<100	<100	340	<100	<100	<100	<100	<100	<100
	C34-C40	mg/kg	100		38000	<100	<100	<100	<100	<100	<100	770	<100	<100	<100	<100	<100	<100
	C6 - C9	mg/kg	10			<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C10 - C14	mg/kg	20			<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C15 - C28	mg/kg	50			<50	<50	<50	<50	<50	<50	66	<50	<50	<50	<50	<50	<50
	C29 - C36	mg/kg	50			<50	<50	<50	<50	<50	<50	440	<50	<50	<50	<50	<50	<50
	C10 - C36 (Sum of total)	mg/kg	50			<50	<50	<50	<50	<50	<50	506	<50	<50	<50	<50	<50	<50
	C10 - C40 (Sum of total)	mg/kg				-	-	-	-	-	-	-	-	-	-	-	-	-
	F2-NAPHTHALENE	mg/kg	50			<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Metals	Arsenic	mg/kg	2	40	3000	6.6	2.1	5.3	2.5	<2	<2	<2	<2	<2	<2	3.1	<2	<2
	Barium	mg/kg	10			29	-	30	31	12	<10	-	<10	<10	<10	<10	<10	<10
	Beryllium	mg/kg	1		500	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	Boron	mg/kg	10		300000	32	16	48	12	82	18	18	23	<10	28	1100	31	65
	Cadmium	mg/kg	0.4		900	1.3	<0.4	0.7	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
	Chromium (hexavalent)	mg/kg	1		3600	<1	-	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1
	Chromium	mg/kg	2			5.9	5.9	<5	<5	<5	<5	<5	<5	7.8	<5	<5	<5	<5
	Chromium (Trivalent)	mg/kg	5	430		5.9	-	<5	<5	<5	<5	-	<5	7.8	<5	<5	<5	<5
	Cobalt	mg/kg	2		4000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Copper	mg/kg	5	90	240000	12	7.7	11	6.3	<5	<5	9.5	<5	<5	<5	<5	<5	<5
	Lead	mg/kg	5	470	1500	44	27	41	<5	5.3	<5	45	<5	<5	<5	15	<5	7
	Manganese	mg/kg	5		60000	130	60	320	240	77	32	310	40	19	110	37	7.3	60
	Mercury	mg/kg	0.1		730	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
	Nickel	mg/kg	2	560	6000	7	<5	7.3	6.2	<5	<5	6.4	<5	<5	<5	<5	<5	<5
	Selenium	mg/kg	2		10000	-	<2	-	-	-	-	<2	-	-	-	-	-	-
	Vanadium	mg/kg	5			<10	-	<10	<10	<10	<10	-	<10	<10	<10	14	<10	<10
	Zinc	mg/kg	5	1400	400000	63	67	17	<5	5.5	<5	19	<5	<5	<5	21	<5	5.7
PAH	Acenaphthene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Acenaphthylene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Anthracene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Benzo(a)anthracene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Benzo(a)pyrene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Benzo(a)pyrene TEQ (zero)	MG/KG	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Benzo(a)pyrene TEQ (half LOR)	MG/KG	0.5			-	0.6	0.6	-	-	0.6	0.6	-	0.6	-	-	0.6	0.6
	Benzo(a)pyrene TEQ (LOR)	MG/KG	0.5			-	1.2	1.2	-	-	1.2	1.2	-	1.2	-	-	1.2	1.2
	Benzo(g,h,i)perylene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Benzo(k)fluoranthene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Chrysene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Benzo[b+j]fluoranthene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Dibenz(a,h)anthracene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Fluoranthene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Fluorene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Naphthalene	mg/kg	0.5	10	11000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Phenanthrene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Pyrene	mg/kg	0.5			-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5
	Total PAHs	mg/kg	0.5		4000	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5

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					Field_ID	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0
					LocCode	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0
					Sampled_Dat	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	14-07-17	14-07-17	14-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**NEPM 2013 EIL**	**NEPM 2013 HIL/HSL Commercial/**													
Inorganics	Cyanide Total	mg/kg	5			-	-	-	-	-	-	-	-	-	-	-	<5	-
	Fluoride	mg/kg	100			-	-	<100	-	-	-	-	-	-	-	-	<100	-
	Moisture Content (dried @ 103°C)	%	1			23	5.7	33	27	15	14	15	30	19	14	30	25	25
	pH (aqueous extract)	pH_Units	0.1			-	-	-	-	-	-	-	-	-	-	-	8.6	-
MAH	1,2,4-trimethylbenzene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,3,5-trimethylbenzene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Isopropylbenzene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Styrene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
OCP	4,4-DDE	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	a-BHC	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
OCP (cont)	Aldrin	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Aldrin + Dieldrin	mg/kg			45	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1
	b-BHC	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Chlordane	mg/kg	0.1		530	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1
	d-BHC	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	DDD	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	DDT	mg/kg	0.05	3		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	DDT+DDE+DDD	mg/kg			3600	-	<0.15	<0.15	-	-	<0.15	<0.15	-	<0.15	-	-	<0.15	<0.15
	Dieldrin	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Endosulfan I	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Endosulfan II	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Endosulfan sulphate	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Endrin	mg/kg	0.05		100	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Endrin aldehyde	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Endrin ketone	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	g-BHC (Lindane)	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Heptachlor	mg/kg	0.05		50	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Heptachlor epoxide	mg/kg	0.05			-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Hexachlorobenzene	mg/kg	0.05		80	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Methoxychlor	mg/kg	0.05		2500	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05
	Toxaphene	mg/kg	1		160	-	<1	<1	-	-	<1	<1	-	<1	-	-	<1	<1
Polychlorinated Biphenyls	Arochlor 1221	mg/kg	0.1			-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1
	Aroclor 1016	mg/kg	0.1			-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1
	Aroclor 1232	mg/kg	0.1			-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1
	Aroclor 1242	mg/kg	0.1			-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1
	Aroclor 1248	mg/kg	0.1			-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1
	Aroclor 1254	mg/kg	0.1			-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1
	Aroclor 1260	mg/kg	0.1			-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1
	PCBs (Sum of total)	mg/kg	0.1		7	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1
Solvents	Methyl Ethyl Ketone	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	4-Methyl-2-pentanone	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Acetone	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Allyl chloride	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Carbon disulfide	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
SPOCAS	Acid Neutralising Capacity - Acidity	MOL H+/T	10			-	-	-	-	-	-	-	-	-	-	-	-	-
	Analysed Material	%	0.1			-	-	-	-	-	-	-	-	-	-	-	-	-
	Extraneous Material	%	0.1			-	-	-	-	-	-	-	-	-	-	-	-	-
	Liming Rate	kg CaCO3/t	1			-	-	-	-	-	-	-	-	-	-	-	-	-
VHC	1,1,1,2-tetrachloroethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,1,1-trichloroethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,1,2,2-tetrachloroethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,1,2-trichloroethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,1-dichloroethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,1-dichloroethene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,2,3-trichloropropane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,2-dibromoethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,2-dichlorobenzene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,2-dichloroethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,2-dichloropropane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-

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					Field_ID	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0
					LocCode	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0
					Sampled_Dat	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	14-07-17	14-07-17	14-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	Chemical Name	Units	LOR	NEPM 2013 EIL	NEPM 2013 HIL/HSL Commercial/													
VHC (cont.)	1,3-dichlorobenzene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,3-dichloropropane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	1,4-dichlorobenzene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	4-chlorotoluene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Bromobenzene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Bromochloromethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Bromodichloromethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Bromoform	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Bromomethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Carbon tetrachloride	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Chlorobenzene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Chlorodibromomethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Chloroethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Chloroform	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Chloromethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	cis-1,2-dichloroethene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	cis-1,3-dichloropropene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Dibromomethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Dichlorodifluoromethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Dichloromethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Iodomethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Trichloroethene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Tetrachloroethene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	trans-1,2-dichloroethene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	trans-1,3-dichloropropene	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Trichlorofluoromethane	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-
	Vinyl chloride	mg/kg	0.5			-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-

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					Field_ID	WTP12_0.5	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A
					LocCode	WTP12_0.5	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A
					Sampled_Dat	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	18-07-17	18-07-17	18-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**NEPM 2013 EIL**	**NEPM 2013 HIL/HSL Commercial/**													
Inorganic	% Clay	%	1			-	-	-	-	-	-	-	3.8	-	-	-	8.8	-
Moisture	Moisture Content	%				-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX	Benzene	mg/kg	0.1		430	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
	Toluene	mg/kg	0.1		99000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
	Ethylbenzene	mg/kg	0.1		27000	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
	Xylene (m & p)	mg/kg	0.2			<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	-
	Xylene (o)	mg/kg	0.1			<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
	Xylene Total	mg/kg	0.3		81000	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	-	<0.3	<0.3	<0.3	<0.3	<0.3	-
	Total BTEX	mg/kg				-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6 - C10	mg/kg	10			<20	<20	<20	<20	<20	<20	-	<20	<20	<20	<20	<20	-
	C6-C10 less BTEX (F1)	mg/kg	10		26000	<20	<20	<20	<20	<20	<20	-	<20	<20	<20	<20	<20	-
	C10-C16	mg/kg	50		20000	<50	<50	<50	<50	<50	<50	-	<50	<50	<50	<50	<50	-
	C16-C34	mg/kg	100		27000	<100	<100	<100	<100	<100	<100	-	<100	<100	<100	<100	<100	-
	C34-C40	mg/kg	100		38000	<100	<100	<100	<100	<100	<100	-	<100	<100	<100	<100	<100	-
	C6 - C9	mg/kg	10			<20	<20	<20	<20	<20	<20	-	<20	<20	<20	<20	<20	-
	C10 - C14	mg/kg	20			<20	<20	<20	<20	<20	<20	-	<20	<20	<20	<20	<20	-
	C15 - C28	mg/kg	50			<50	<50	<50	<50	<50	<50	-	<50	<50	<50	<50	<50	-
	C29 - C36	mg/kg	50			<50	<50	<50	<50	<50	<50	-	<50	<50	<50	<50	<50	-
	C10 - C36 (Sum of total)	mg/kg	50			<50	<50	<50	<50	<50	<50	-	<50	<50	<50	<50	<50	-
	C10 - C40 (Sum of total)	mg/kg				-	-	-	-	-	-	-	-	-	-	-	-	-
	F2-NAPHTHALENE	mg/kg	50			<50	<50	<50	<50	<50	<50	-	<50	<50	<50	<50	<50	-
Metals	Arsenic	mg/kg	2	40	3000	<2	<2	2.6	<2	<2	<2	-	<2	3.2	<2	-	<2	4.5
	Barium	mg/kg	10			<10	<10	<10	<10	<10	<10	-	<10	200	15	-	-	-
	Beryllium	mg/kg	1		500	<2	<2	<2	<2	<2	<2	-	<2	<2	<2	-	<2	<2
	Boron	mg/kg	10		300000	11	20	13	39	21	22	-	35	88	23	-	160	71
	Cadmium	mg/kg	0.4		900	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	-	<0.4	<0.4	<0.4	-	<0.4	0.5
	Chromium (hexavalent)	mg/kg	1		3600	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	-	-	-
	Chromium	mg/kg	2			<5	<5	<5	<5	<5	<5	-	<5	9.4	<5	-	<5	6.2
	Chromium (Trivalent)	mg/kg	5	430		<5	<5	<5	<5	<5	<5	-	<5	9.4	<5	-	-	-
	Cobalt	mg/kg	2		4000	<5	<5	<5	<5	<5	<5	-	<5	<5	<5	-	<5	<5
	Copper	mg/kg	5	90	240000	78	<5	<5	<5	<5	<5	-	<5	19	11	-	<5	14
	Lead	mg/kg	5	470	1500	<5	<5	<5	<5	13	<5	-	<5	16	6.6	-	<5	65
	Manganese	mg/kg	5		60000	210	31	25	30	31	9.3	-	38	81	330	-	57	110
	Mercury	mg/kg	0.1		730	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1
	Nickel	mg/kg	2	560	6000	6.2	<5	<5	<5	<5	<5	-	<5	10	<5	-	<5	5.6
	Selenium	mg/kg	2		10000	-	-	-	-	-	-	-	-	-	-	-	<2	<2
	Vanadium	mg/kg	5			<10	<10	<10	<10	<10	<10	-	<10	22	<10	-	-	-
	Zinc	mg/kg	5	1400	400000	<5	<5	<5	<5	7.5	<5	-	<5	16	11	-	<5	38
PAH	Acenaphthene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Acenaphthylene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Anthracene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Benzo(a)anthracene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Benzo(a)pyrene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Benzo(a)pyrene TEQ (zero)	MG/KG	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Benzo(a)pyrene TEQ (half LOR)	MG/KG	0.5			-	-	0.6	-	-	-	0.6	0.6	-	0.6	-	0.6	-
	Benzo(a)pyrene TEQ (LOR)	MG/KG	0.5			-	-	1.2	-	-	-	1.2	1.2	-	1.2	-	1.2	-
	Benzo(g,h,i)perylene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Benzo(k)fluoranthene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Chrysene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Benzo[b+j]fluoranthene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Dibenz(a,h)anthracene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Fluoranthene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Fluorene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Naphthalene	mg/kg	0.5	10	11000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-
	Phenanthrene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Pyrene	mg/kg	0.5			-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-
	Total PAHs	mg/kg	0.5		4000	-	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-

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					Field_ID	WTP12_0.5	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A
					LocCode	WTP12_0.5	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A
					Sampled_Dat	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	18-07-17	18-07-17	18-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**NEPM 2013 EIL**	**NEPM 2013 HIL/HSL Commercial/**													
Inorganics	Cyanide Total	mg/kg	5			-	-	-	-	-	-	-	<5	-	<5	-	-	<5
	Fluoride	mg/kg	100			-	-	-	-	-	-	-	110	-	<100	-	-	<100
	Moisture Content (dried @ 103°C)	%	1			16	26	20	23	3.6	42	4.1	34	23	20	26	18	14
	pH (aqueous extract)	pH_Units	0.1			-	-	-	-	-	-	-	8.9	-	-	-	-	-
MAH	1,2,4-trimethylbenzene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,3,5-trimethylbenzene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Isopropylbenzene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Styrene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
OCP	4,4-DDE	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	a-BHC	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
OCP (cont)	Aldrin	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Aldrin + Dieldrin	mg/kg			45	-	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	-	-
	b-BHC	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Chlordane	mg/kg	0.1		530	-	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	d-BHC	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	DDD	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	DDT	mg/kg	0.05	3		-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	DDT+DDE+DDD	mg/kg			3600	-	-	<0.15	-	-	-	<0.15	<0.15	-	<0.15	-	-	-
	Dieldrin	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Endosulfan I	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Endosulfan II	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Endosulfan sulphate	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Endrin	mg/kg	0.05		100	-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Endrin aldehyde	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Endrin ketone	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	g-BHC (Lindane)	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Heptachlor	mg/kg	0.05		50	-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Heptachlor epoxide	mg/kg	0.05			-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Hexachlorobenzene	mg/kg	0.05		80	-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Methoxychlor	mg/kg	0.05		2500	-	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05
	Toxaphene	mg/kg	1		160	-	-	<1	-	-	-	<1	<1	-	<1	-	<1	<1
Polychlorinated Biphenyls	Arochlor 1221	mg/kg	0.1			-	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	Aroclor 1016	mg/kg	0.1			-	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	Aroclor 1232	mg/kg	0.1			-	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	Aroclor 1242	mg/kg	0.1			-	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	Aroclor 1248	mg/kg	0.1			-	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	Aroclor 1254	mg/kg	0.1			-	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	Aroclor 1260	mg/kg	0.1			-	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
	PCBs (Sum of total)	mg/kg	0.1		7	-	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1
Solvents	Methyl Ethyl Ketone	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	4-Methyl-2-pentanone	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Acetone	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Allyl chloride	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Carbon disulfide	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
SPOCAS	Acid Neutralising Capacity - Acidity	MOL H+/T	10			-	-	-	-	-	-	-	-	-	-	-	-	-
	Analysed Material	%	0.1			-	-	-	-	-	-	-	-	-	-	-	-	-
	Extraneous Material	%	0.1			-	-	-	-	-	-	-	-	-	-	-	-	-
	Liming Rate	kg CaCO3/t	1			-	-	-	-	-	-	-	-	-	-	-	-	-
VHC	1,1,1,2-tetrachloroethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,1,1-trichloroethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,1,2,2-tetrachloroethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,1,2-trichloroethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,1-dichloroethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,1-dichloroethene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,2,3-trichloropropane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,2-dibromoethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,2-dichlorobenzene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,2-dichloroethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,2-dichloropropane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-

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					Field_ID	WTP12_0.5	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A
					LocCode	WTP12_0.5	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A
					Sampled_Dat	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	18-07-17	18-07-17	18-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**NEPM 2013 EIL**	**NEPM 2013 HIL/HSL Commercial/**													
VHC (cont.)	1,3-dichlorobenzene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,3-dichloropropane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	1,4-dichlorobenzene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	4-chlorotoluene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Bromobenzene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Bromochloromethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Bromodichloromethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Bromoform	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Bromomethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Carbon tetrachloride	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Chlorobenzene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Chlorodibromomethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Chloroethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Chloroform	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Chloromethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	cis-1,2-dichloroethene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	cis-1,3-dichloropropene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Dibromomethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Dichlorodifluoromethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Dichloromethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Iodomethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Trichloroethene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Tetrachloroethene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	trans-1,2-dichloroethene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	trans-1,3-dichloropropene	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Trichlorofluoromethane	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-
	Vinyl chloride	mg/kg	0.5			-	-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-

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					Field_ID	23 A	23 B	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B
					LocCode	23 A	23 B	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B
					Sampled_Dat	18-07-17	18-07-17	18-07-17	19-07-17	19-07-17	19-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**NEPM 2013 EIL**	**NEPM 2013 HIL/HSL Commercial/**													
Inorganic	% Clay	%	1			6.3	-	-	-	-	10	14	-	-	-	-	-	-
Moisture	Moisture Content	%				-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX	Benzene	mg/kg	0.1		430	-	<0.1	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Toluene	mg/kg	0.1		99000	-	<0.1	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Ethylbenzene	mg/kg	0.1		27000	-	<0.1	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Xylene (m & p)	mg/kg	0.2			-	<0.2	-	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Xylene (o)	mg/kg	0.1			-	<0.1	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Xylene Total	mg/kg	0.3		81000	-	<0.3	-	<0.3	<0.3	-	-	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
	Total BTEX	mg/kg				-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6 - C10	mg/kg	10			-	<20	-	<20	<20	-	-	<20	<20	<20	<20	<20	<20
	C6-C10 less BTEX (F1)	mg/kg	10		26000	-	<20	-	<20	<20	-	-	<20	<20	<20	<20	<20	<20
	C10-C16	mg/kg	50		20000	-	<50	-	<50	<50	-	-	<50	<50	<50	<50	<50	<50
	C16-C34	mg/kg	100		27000	-	<100	-	<100	<100	-	-	<100	<100	<100	<100	<100	<100
	C34-C40	mg/kg	100		38000	-	<100	-	<100	<100	-	-	<100	<100	<100	<100	<100	<100
	C6 - C9	mg/kg	10			-	<20	-	<20	<20	-	-	<20	<20	<20	<20	<20	<20
	C10 - C14	mg/kg	20			-	<20	-	<20	<20	-	-	<20	<20	<20	<20	<20	<20
	C15 - C28	mg/kg	50			-	<50	-	<50	<50	-	-	<50	<50	<50	<50	<50	<50
	C29 - C36	mg/kg	50			-	<50	-	<50	<50	-	-	<50	<50	<50	<50	<50	<50
	C10 - C36 (Sum of total)	mg/kg	50			-	<50	-	<50	<50	-	-	<50	<50	<50	<50	<50	<50
	C10 - C40 (Sum of total)	mg/kg				-	-	-	-	-	-	-	-	-	-	-	-	-
	F2-NAPHTHALENE	mg/kg	50			-	<50	-	<50	<50	-	-	<50	<50	<50	<50	<50	<50
Metals	Arsenic	mg/kg	2	40	3000	-	-	-	4.1	5	-	-	2.8	4.2	-	3.3	3.5	4.6
	Barium	mg/kg	10			-	-	-	-	-	-	-	-	-	-	-	-	-
	Beryllium	mg/kg	1		500	-	-	-	<2	<2	-	-	<2	<2	-	<2	<2	<2
	Boron	mg/kg	10		300000	-	-	-	71	99	-	-	76	25	-	49	130	70
	Cadmium	mg/kg	0.4		900	-	-	-	<0.4	0.5	-	-	<0.4	<0.4	-	<0.4	0.4	0.6
	Chromium (hexavalent)	mg/kg	1		3600	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium	mg/kg	2			-	-	-	9	14	-	-	5.8	20	-	7.8	7.2	6.9
	Chromium (Trivalent)	mg/kg	5	430		-	-	-	-	-	-	-	-	-	-	-	-	-
	Cobalt	mg/kg	2		4000	-	-	-	<5	<5	-	-	<5	<5	-	<5	<5	<5
	Copper	mg/kg	5	90	240000	-	-	-	7.9	14	-	-	<5	10	-	10	12	15
	Lead	mg/kg	5	470	1500	-	-	-	12	48	-	-	8.1	5.6	-	42	53	65
	Manganese	mg/kg	5		60000	-	-	-	71	130	-	-	64	53	-	250	120	150
	Mercury	mg/kg	0.1		730	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	0.1	<0.1
	Nickel	mg/kg	2	560	6000	-	-	-	<5	9.5	-	-	<5	8.7	-	7.3	6	5.7
	Selenium	mg/kg	2		10000	-	-	-	<2	<2	-	-	<2	<2	-	<2	<2	<2
	Vanadium	mg/kg	5			-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/kg	5	1400	400000	-	-	-	21	66	-	-	17	15	-	29	41	41
PAH	Acenaphthene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Acenaphthylene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Anthracene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Benzo(a)anthracene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Benzo(a)pyrene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Benzo(a)pyrene TEQ (zero)	MG/KG	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Benzo(a)pyrene TEQ (half LOR)	MG/KG	0.5			-	-	-	0.6	0.6	-	-	0.6	0.6	-	0.6	-	-
	Benzo(a)pyrene TEQ (LOR)	MG/KG	0.5			-	-	-	1.2	1.2	-	-	1.2	1.2	-	1.2	-	-
	Benzo(g,h,i)perylene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Benzo(k)fluoranthene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Chrysene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Benzo[b+j]fluoranthene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Dibenz(a,h)anthracene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Fluoranthene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Fluorene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Naphthalene	mg/kg	0.5	10	11000	-	<0.5	-	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Phenanthrene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Pyrene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Total PAHs	mg/kg	0.5		4000	-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-

COFFEY 2017 SOIL DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

					Field_ID	23 A	23 B	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B
					LocCode	23 A	23 B	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B
					Sampled_Dat	18-07-17	18-07-17	18-07-17	19-07-17	19-07-17	19-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**NEPM 2013 EIL**	**NEPM 2013 HIL/HSL Commercial/**													
Inorganics	Cyanide Total	mg/kg	5			-	-	<5	-	-	-	-	-	<5	-	-	-	-
	Fluoride	mg/kg	100			-	-	<100	-	-	-	-	-	<100	-	-	-	-
	Moisture Content (dried @ 103°C)	%	1			15	12	9.6	10	14	15	13	11	10	21	14	18	20
	pH (aqueous extract)	pH_Units	0.1			-	-	-	-	-	-	-	-	-	-	-	-	-
MAH	1,2,4-trimethylbenzene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,3,5-trimethylbenzene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Isopropylbenzene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Styrene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
OCP	4,4-DDE	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	a-BHC	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
OCP (cont)	Aldrin	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Aldrin + Dieldrin	mg/kg			45	-	-	-	-	-	-	-	-	-	-	-	-	-
	b-BHC	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Chlordane	mg/kg	0.1		530	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-
	d-BHC	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	DDD	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	DDT	mg/kg	0.05	3		-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	DDT+DDE+DDD	mg/kg			3600	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dieldrin	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Endosulfan I	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Endosulfan II	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Endosulfan sulphate	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Endrin	mg/kg	0.05		100	-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Endrin aldehyde	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Endrin ketone	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	g-BHC (Lindane)	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Heptachlor	mg/kg	0.05		50	-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Heptachlor epoxide	mg/kg	0.05			-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Hexachlorobenzene	mg/kg	0.05		80	-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Methoxychlor	mg/kg	0.05		2500	-	-	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-
	Toxaphene	mg/kg	1		160	-	-	-	<1	<1	-	-	<1	<1	-	<1	-	-
Polychlorinated Biphenyls	Arochlor 1221	mg/kg	0.1			-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-
	Aroclor 1016	mg/kg	0.1			-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-
	Aroclor 1232	mg/kg	0.1			-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-
	Aroclor 1242	mg/kg	0.1			-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-
	Aroclor 1248	mg/kg	0.1			-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-
	Aroclor 1254	mg/kg	0.1			-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-
	Aroclor 1260	mg/kg	0.1			-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-
	PCBs (Sum of total)	mg/kg	0.1		7	-	-	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-
Solvents	Methyl Ethyl Ketone	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	4-Methyl-2-pentanone	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Acetone	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Allyl chloride	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Carbon disulfide	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
SPOCAS	Acid Neutralising Capacity - Acidity	MOL H+/T	10			-	-	-	-	-	-	-	-	-	-	-	-	-
	Analysed Material	%	0.1			-	-	-	-	-	-	-	-	-	-	-	-	-
	Extraneous Material	%	0.1			-	-	-	-	-	-	-	-	-	-	-	-	-
	Liming Rate	kg CaCO3/t	1			-	-	-	-	-	-	-	-	-	-	-	-	-
VHC	1,1,1,2-tetrachloroethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,1,1-trichloroethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,1,2,2-tetrachloroethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,1,2-trichloroethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,1-dichloroethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,1-dichloroethene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,2,3-trichloropropane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,2-dibromoethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,2-dichlorobenzene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,2-dichloroethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,2-dichloropropane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-

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COFFEY 2017 SOIL DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

					Field_ID	23 A	23 B	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B
					LocCode	23 A	23 B	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B
					Sampled_Dat	18-07-17	18-07-17	18-07-17	19-07-17	19-07-17	19-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	Chemical Name	Units	LOR	NEPM 2013 EIL	NEPM 2013 HIL/HSL Commercial/													
VHC (cont.)	1,3-dichlorobenzene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,3-dichloropropane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	1,4-dichlorobenzene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	4-chlorotoluene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Bromobenzene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Bromochloromethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Bromodichloromethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Bromoform	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Bromomethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Carbon tetrachloride	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Chlorobenzene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Chlorodibromomethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Chloroethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Chloroform	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Chloromethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	cis-1,2-dichloroethene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	cis-1,3-dichloropropene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Dibromomethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Dichlorodifluoromethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Dichloromethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Iodomethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Trichloroethene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Tetrachloroethene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	trans-1,2-dichloroethene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	trans-1,3-dichloropropene	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Trichlorofluoromethane	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-
	Vinyl chloride	mg/kg	0.5			-	-	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-

COFFEY 2017 SOIL DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

					Field_ID	47 A	47 D	48 C	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B
					LocCode	47 A	47 D	48 C	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B
					Sampled_Dat	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**NEPM 2013 EIL**	**NEPM 2013 HIL/HSL Commercial/**													
Inorganic	% Clay	%	1			-	-	-	-	-	-	-	-	-	-	-	-	-
Moisture	Moisture Content	%				-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX	Benzene	mg/kg	0.1		430	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-
	Toluene	mg/kg	0.1		99000	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-
	Ethylbenzene	mg/kg	0.1		27000	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-
	Xylene (m & p)	mg/kg	0.2			<0.2	<0.2	<0.2	-	<0.2	-	-	-	-	-	-	-	-
	Xylene (o)	mg/kg	0.1			<0.1	<0.1	<0.1	-	<0.1	-	-	-	-	-	-	-	-
	Xylene Total	mg/kg	0.3		81000	<0.3	<0.3	<0.3	-	<0.3	-	-	-	-	-	-	-	-
	Total BTEX	mg/kg				-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6 - C10	mg/kg	10			<20	<20	<20	-	<20	-	-	-	-	-	-	-	-
	C6-C10 less BTEX (F1)	mg/kg	10		26000	<20	<20	<20	-	<20	-	-	-	-	-	-	-	-
	C10-C16	mg/kg	50		20000	<50	<50	<50	-	<50	-	-	-	-	-	-	-	-
	C16-C34	mg/kg	100		27000	<100	<100	<100	-	<100	-	-	-	-	-	-	-	-
	C34-C40	mg/kg	100		38000	<100	<100	<100	-	<100	-	-	-	-	-	-	-	-
	C6 - C9	mg/kg	10			<20	<20	<20	-	<20	-	-	-	-	-	-	-	-
	C10 - C14	mg/kg	20			<20	<20	<20	-	<20	-	-	-	-	-	-	-	-
	C15 - C28	mg/kg	50			<50	<50	<50	-	<50	-	-	-	-	-	-	-	-
	C29 - C36	mg/kg	50			<50	<50	<50	-	<50	-	-	-	-	-	-	-	-
	C10 - C36 (Sum of total)	mg/kg	50			<50	<50	<50	-	<50	-	-	-	-	-	-	-	-
	C10 - C40 (Sum of total)	mg/kg				-	-	-	-	-	-	-	-	-	-	-	-	-
	F2-NAPHTHALENE	mg/kg	50			<50	<50	<50	-	<50	-	-	-	-	-	-	-	-
Metals	Arsenic	mg/kg	2	40	3000	-	6.5	-	6.8	7	-	-	-	-	-	-	-	-
	Barium	mg/kg	10			-	-	-	-	-	-	-	-	-	-	-	-	-
	Beryllium	mg/kg	1		500	-	<2	-	<2	<2	-	-	-	-	-	-	-	-
	Boron	mg/kg	10		300000	-	120	-	100	110	-	-	-	-	-	-	-	-
	Cadmium	mg/kg	0.4		900	-	<0.4	-	<0.4	<0.4	-	-	-	-	-	-	-	-
	Chromium (hexavalent)	mg/kg	1		3600	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium	mg/kg	2			-	27	-	14	21	-	-	-	-	-	-	-	-
	Chromium (Trivalent)	mg/kg	5	430		-	-	-	-	-	-	-	-	-	-	-	-	-
	Cobalt	mg/kg	2		4000	-	5.6	-	<5	<5	-	-	-	-	-	-	-	-
	Copper	mg/kg	5	90	240000	-	21	-	11	23	-	-	-	-	-	-	-	-
	Lead	mg/kg	5	470	1500	-	11	-	30	26	-	-	-	-	-	-	-	-
	Manganese	mg/kg	5		60000	-	180	-	84	240	-	-	-	-	-	-	-	-
	Mercury	mg/kg	0.1		730	-	<0.1	-	<0.1	0.1	-	-	-	-	-	-	-	-
	Nickel	mg/kg	2	560	6000	-	14	-	6.1	12	-	-	-	-	-	-	-	-
	Selenium	mg/kg	2		10000	-	<2	-	<2	<2	-	-	-	-	-	-	-	-
	Vanadium	mg/kg	5			-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/kg	5	1400	400000	-	45	-	31	120	-	-	-	-	-	-	-	-
PAH	Acenaphthene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Acenaphthylene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Anthracene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a)anthracene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a)pyrene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a)pyrene TEQ (zero)	MG/KG	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a)pyrene TEQ (half LOR)	MG/KG	0.5			-	0.6	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a)pyrene TEQ (LOR)	MG/KG	0.5			-	1.2	-	-	-	-	-	-	-	-	-	-	-
	Benzo(g,h,i)perylene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Benzo(k)fluoranthene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Chrysene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Benzo[b+j]fluoranthene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Dibenz(a,h)anthracene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Fluoranthene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Fluorene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Naphthalene	mg/kg	0.5	10	11000	<0.5	<0.5	<0.5	-	<0.5	-	-	-	-	-	-	-	-
	Phenanthrene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Pyrene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Total PAHs	mg/kg	0.5		4000	-	<0.5	-	-	-	-	-	-	-	-	-	-	-

COFFEY 2017 SOIL DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

					Field_ID	47 A	47 D	48 C	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B
					LocCode	47 A	47 D	48 C	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B
					Sampled_Dat	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**NEPM 2013 EIL**	**NEPM 2013 HIL/HSL Commercial/**													
Inorganics	Cyanide Total	mg/kg	5			-	<5	-	-	-	-	-	-	-	-	-	-	-
	Fluoride	mg/kg	100			-	130	-	-	-	-	-	-	-	-	-	-	-
	Moisture Content (dried @ 103°C)	%	1			13	20	21	14	15	15	14	14	12	19	20	10	11
	pH (aqueous extract)	pH_Units	0.1			-	-	-	-	-	-	-	-	-	-	-	-	-
MAH	1,2,4-trimethylbenzene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,3,5-trimethylbenzene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Isopropylbenzene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Styrene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
OCP	4,4-DDE	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	a-BHC	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
OCP (cont)	Aldrin	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Aldrin + Dieldrin	mg/kg			45	-	-	-	-	-	-	-	-	-	-	-	-	-
	b-BHC	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Chlordane	mg/kg	0.1		530	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	d-BHC	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	DDD	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	DDT	mg/kg	0.05	3		-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	DDT+DDE+DDD	mg/kg			3600	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dieldrin	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan I	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan II	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan sulphate	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Endrin	mg/kg	0.05		100	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Endrin aldehyde	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Endrin ketone	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	g-BHC (Lindane)	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Heptachlor	mg/kg	0.05		50	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Heptachlor epoxide	mg/kg	0.05			-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Hexachlorobenzene	mg/kg	0.05		80	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Methoxychlor	mg/kg	0.05		2500	-	<0.05	-	-	-	-	-	-	-	-	-	-	-
	Toxaphene	mg/kg	1		160	-	<1	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls	Arochlor 1221	mg/kg	0.1			-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1016	mg/kg	0.1			-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1232	mg/kg	0.1			-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1242	mg/kg	0.1			-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1248	mg/kg	0.1			-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1254	mg/kg	0.1			-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1260	mg/kg	0.1			-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	PCBs (Sum of total)	mg/kg	0.1		7	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
Solvents	Methyl Ethyl Ketone	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	4-Methyl-2-pentanone	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Acetone	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Allyl chloride	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Carbon disulfide	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
SPOCAS	Acid Neutralising Capacity - Acidity	MOL H+/T	10			-	-	-	-	-	10,000	12,000	4600	4200	7300	7800	5500	4600
	Analysed Material	%	0.1			-	-	-	-	-	90	98	96	98	97	96	99	97
	Extraneous Material	%	0.1			-	-	-	-	-	10	2.4	4	2.1	2.9	3.9	0.9	3.1
	Liming Rate	kg CaCO3/t	1			-	-	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1
VHC	1,1,1,2-tetrachloroethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,1,1-trichloroethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,1,2,2-tetrachloroethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,1,2-trichloroethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,1-dichloroethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,1-dichloroethene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,2,3-trichloropropane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,2-dibromoethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,2-dichlorobenzene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,2-dichloroethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,2-dichloropropane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-

COFFEY 2017 SOIL DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

					Field_ID	47 A	47 D	48 C	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B
					LocCode	47 A	47 D	48 C	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B
					Sampled_Dat	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
					Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	Chemical Name	Units	LOR	NEPM 2013 EIL	NEPM 2013 HIL/HSL Commercial/													
VHC (cont.)	1,3-dichlorobenzene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,3-dichloropropane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	1,4-dichlorobenzene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	4-chlorotoluene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Bromobenzene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Bromochloromethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Bromodichloromethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Bromoform	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Bromomethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Carbon tetrachloride	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Chlorobenzene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Chlorodibromomethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Chloroethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Chloroform	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Chloromethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	cis-1,2-dichloroethene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	cis-1,3-dichloropropene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Dibromomethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Dichlorodifluoromethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Dichloromethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Iodomethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Trichloroethene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Tetrachloroethene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	trans-1,2-dichloroethene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	trans-1,3-dichloropropene	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Trichlorofluoromethane	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Vinyl chloride	mg/kg	0.5			-	<0.5	-	-	-	-	-	-	-	-	-	-	-

COFFEY 2017 SOIL DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

					Field_ID	TP 49 2500 A	TP 49 500 A	TP 49 500 B
					LocCode	TP 49 2500 A	TP 49 500 A	TP 49 500 B
					Sampled_Dat	20-07-17	20-07-17	20-07-17
					Matrix_Descri	Soil	Soil	Soil
				NEPM 2013	NEPM 2013			
Chemistry Group	Chemical Name	Units	LOR	EIL	HIL/HSL Commercial/			
Inorganic	% Clay	%	1			-	-	-
Moisture	Moisture Content	%				-	-	-
BTEX	Benzene	mg/kg	0.1		430	-	-	-
	Toluene	mg/kg	0.1		99000	-	-	-
	Ethylbenzene	mg/kg	0.1		27000	-	-	-
	Xylene (m & p)	mg/kg	0.2			-	-	-
	Xylene (o)	mg/kg	0.1			-	-	-
	Xylene Total	mg/kg	0.3		81000	-	-	-
	Total BTEX	mg/kg				-	-	-
TPH	C6 - C10	mg/kg	10			-	-	-
	C6-C10 less BTEX (F1)	mg/kg	10		26000	-	-	-
	C10-C16	mg/kg	50		20000	-	-	-
	C16-C34	mg/kg	100		27000	-	-	-
	C34-C40	mg/kg	100		38000	-	-	-
	C6 - C9	mg/kg	10			-	-	-
	C10 - C14	mg/kg	20			-	-	-
	C15 - C28	mg/kg	50			-	-	-
	C29 - C36	mg/kg	50			-	-	-
	C10 - C36 (Sum of total)	mg/kg	50			-	-	-
	C10 - C40 (Sum of total)	mg/kg				-	-	-
	F2-NAPHTHALENE	mg/kg	50			-	-	-
Metals	Arsenic	mg/kg	2	40	3000	-	-	-
	Barium	mg/kg	10			-	-	-
	Beryllium	mg/kg	1		500	-	-	-
	Boron	mg/kg	10		300000	-	-	-
	Cadmium	mg/kg	0.4		900	-	-	-
	Chromium (hexavalent)	mg/kg	1		3600	-	-	-
	Chromium	mg/kg	2			-	-	-
	Chromium (Trivalent)	mg/kg	5	430		-	-	-
	Cobalt	mg/kg	2		4000	-	-	-
	Copper	mg/kg	5	90	240000	-	-	-
	Lead	mg/kg	5	470	1500	-	-	-
	Manganese	mg/kg	5		60000	-	-	-
	Mercury	mg/kg	0.1		730	-	-	-
	Nickel	mg/kg	2	560	6000	-	-	-
	Selenium	mg/kg	2		10000	-	-	-
	Vanadium	mg/kg	5			-	-	-
	Zinc	mg/kg	5	1400	400000	-	-	-
PAH	Acenaphthene	mg/kg	0.5			-	-	-
	Acenaphthylene	mg/kg	0.5			-	-	-
	Anthracene	mg/kg	0.5			-	-	-
	Benzo(a)anthracene	mg/kg	0.5			-	-	-
	Benzo(a)pyrene	mg/kg	0.5			-	-	-
	Benzo(a)pyrene TEQ (zero)	MG/KG	0.5			-	-	-
	Benzo(a)pyrene TEQ (half LOR)	MG/KG	0.5			-	-	-
	Benzo(a)pyrene TEQ (LOR)	MG/KG	0.5			-	-	-
	Benzo(g,h,i)perylene	mg/kg	0.5			-	-	-
	Benzo(k)fluoranthene	mg/kg	0.5			-	-	-
	Chrysene	mg/kg	0.5			-	-	-
	Benzo[b+j]fluoranthene	mg/kg	0.5			-	-	-
	Dibenz(a,h)anthracene	mg/kg	0.5			-	-	-
	Fluoranthene	mg/kg	0.5			-	-	-
	Fluorene	mg/kg	0.5			-	-	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5			-	-	-
	Naphthalene	mg/kg	0.5	10	11000	-	-	-
	Phenanthrene	mg/kg	0.5			-	-	-
	Pyrene	mg/kg	0.5			-	-	-
	Total PAHs	mg/kg	0.5		4000	-	-	-

COFFEY 2017 SOIL DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

					Field_ID	TP 49 2500 A	TP 49 500 A	TP 49 500 B
					LocCode	TP 49 2500 A	TP 49 500 A	TP 49 500 B
					Sampled_Dat	20-07-17	20-07-17	20-07-17
					Matrix_Descri	Soil	Soil	Soil
				NEPM 2013 EIL	NEPM 2013 HIL/HSL Commercial/			
Chemistry Group	**Chemical Name**	**Units**	**LOR**					
Inorganics	Cyanide Total	mg/kg	5			-	-	-
	Fluoride	mg/kg	100			-	-	-
	Moisture Content (dried @ 103°C)	%	1			15	13	13
	pH (aqueous extract)	pH_Units	0.1			-	-	-
MAH	1,2,4-trimethylbenzene	mg/kg	0.5			-	-	-
	1,3,5-trimethylbenzene	mg/kg	0.5			-	-	-
	Isopropylbenzene	mg/kg	0.5			-	-	-
	Styrene	mg/kg	0.5			-	-	-
OCP	4,4-DDE	mg/kg	0.05			-	-	-
	a-BHC	mg/kg	0.05			-	-	-
OCP (cont)	Aldrin	mg/kg	0.05			-	-	-
	Aldrin + Dieldrin	mg/kg			45	-	-	-
	b-BHC	mg/kg	0.05			-	-	-
	Chlordane	mg/kg	0.1		530	-	-	-
	d-BHC	mg/kg	0.05			-	-	-
	DDD	mg/kg	0.05			-	-	-
	DDT	mg/kg	0.05	3		-	-	-
	DDT+DDE+DDD	mg/kg			3600	-	-	-
	Dieldrin	mg/kg	0.05			-	-	-
	Endosulfan I	mg/kg	0.05			-	-	-
	Endosulfan II	mg/kg	0.05			-	-	-
	Endosulfan sulphate	mg/kg	0.05			-	-	-
	Endrin	mg/kg	0.05		100	-	-	-
	Endrin aldehyde	mg/kg	0.05			-	-	-
	Endrin ketone	mg/kg	0.05			-	-	-
	g-BHC (Lindane)	mg/kg	0.05			-	-	-
	Heptachlor	mg/kg	0.05		50	-	-	-
	Heptachlor epoxide	mg/kg	0.05			-	-	-
	Hexachlorobenzene	mg/kg	0.05		80	-	-	-
	Methoxychlor	mg/kg	0.05		2500	-	-	-
	Toxaphene	mg/kg	1		160	-	-	-
Polychlorinated Biphenyls	Arochlor 1221	mg/kg	0.1			-	-	-
	Aroclor 1016	mg/kg	0.1			-	-	-
	Aroclor 1232	mg/kg	0.1			-	-	-
	Aroclor 1242	mg/kg	0.1			-	-	-
	Aroclor 1248	mg/kg	0.1			-	-	-
	Aroclor 1254	mg/kg	0.1			-	-	-
	Aroclor 1260	mg/kg	0.1			-	-	-
	PCBs (Sum of total)	mg/kg	0.1		7	-	-	-
Solvents	Methyl Ethyl Ketone	mg/kg	0.5			-	-	-
	4-Methyl-2-pentanone	mg/kg	0.5			-	-	-
	Acetone	mg/kg	0.5			-	-	-
	Allyl chloride	mg/kg	0.5			-	-	-
	Carbon disulfide	mg/kg	0.5			-	-	-
SPOCAS	Acid Neutralising Capacity - Acidity	MOL H+/T	10			11,000	5400	5700
	Analysed Material	%	0.1			99	96	95
	Extraneous Material	%	0.1			1	4.2	4.9
	Liming Rate	kg CaCO3/t	1			<1	<1	<1
VHC	1,1,1,2-tetrachloroethane	mg/kg	0.5			-	-	-
	1,1,1-trichloroethane	mg/kg	0.5			-	-	-
	1,1,2,2-tetrachloroethane	mg/kg	0.5			-	-	-
	1,1,2-trichloroethane	mg/kg	0.5			-	-	-
	1,1-dichloroethane	mg/kg	0.5			-	-	-
	1,1-dichloroethene	mg/kg	0.5			-	-	-
	1,2,3-trichloropropane	mg/kg	0.5			-	-	-
	1,2-dibromoethane	mg/kg	0.5			-	-	-
	1,2-dichlorobenzene	mg/kg	0.5			-	-	-
	1,2-dichloroethane	mg/kg	0.5			-	-	-
	1,2-dichloropropane	mg/kg	0.5			-	-	-

COFFEY 2017 SOIL DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE

					Field_ID	TP 49 2500 A	TP 49 500 A	TP 49 500 B
					LocCode	TP 49 2500 A	TP 49 500 A	TP 49 500 B
					Sampled_Dat	20-07-17	20-07-17	20-07-17
					Matrix_Descri	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**NEPM 2013 EIL**	**NEPM 2013 HIL/HSL Commercial/**			
VHC (cont.)	1,3-dichlorobenzene	mg/kg	0.5			-	-	-
	1,3-dichloropropane	mg/kg	0.5			-	-	-
	1,4-dichlorobenzene	mg/kg	0.5			-	-	-
	4-chlorotoluene	mg/kg	0.5			-	-	-
	Bromobenzene	mg/kg	0.5			-	-	-
	Bromochloromethane	mg/kg	0.5			-	-	-
	Bromodichloromethane	mg/kg	0.5			-	-	-
	Bromoform	mg/kg	0.5			-	-	-
	Bromomethane	mg/kg	0.5			-	-	-
	Carbon tetrachloride	mg/kg	0.5			-	-	-
	Chlorobenzene	mg/kg	0.5			-	-	-
	Chlorodibromomethane	mg/kg	0.5			-	-	-
	Chloroethane	mg/kg	0.5			-	-	-
	Chloroform	mg/kg	0.5			-	-	-
	Chloromethane	mg/kg	0.5			-	-	-
	cis-1,2-dichloroethene	mg/kg	0.5			-	-	-
	cis-1,3-dichloropropene	mg/kg	0.5			-	-	-
	Dibromomethane	mg/kg	0.5			-	-	-
	Dichlorodifluoromethane	mg/kg	0.5			-	-	-
	Dichloromethane	mg/kg	0.5			-	-	-
	Iodomethane	mg/kg	0.5			-	-	-
	Trichloroethene	mg/kg	0.5			-	-	-
	Tetrachloroethene	mg/kg	0.5			-	-	-
	trans-1,2-dichloroethene	mg/kg	0.5			-	-	-
	trans-1,3-dichloropropene	mg/kg	0.5			-	-	-
	Trichlorofluoromethane	mg/kg	0.5			-	-	-
	Vinyl chloride	mg/kg	0.5			-	-	-

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA

				Field_ID	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0	WTP12_0.5
				LocCode	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0	WTP12_0.5
				Sampled_Dat	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	14-07-17	14-07-17	14-07-17	14-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**SA EPA WF**														
Inorganic	% Clay	%	1		-	-	13	-	-	-	-	-	-	-	-	5	-	-
Moisture	Moisture Content	%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX	Benzene	mg/kg	0.1	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Toluene	mg/kg	0.1	1.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Ethylbenzene	mg/kg	0.1	3.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Xylene (m & p)	mg/kg	0.2		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Xylene (o)	mg/kg	0.1		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Xylene Total	mg/kg	0.3	14	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
	Total BTEX	mg/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6 - C10	mg/kg	10		<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C6-C10 less BTEX (F1)	mg/kg	10		<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C10-C16	mg/kg	50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
	C16-C34	mg/kg	100		<100	<100	<100	<100	<100	<100	340	<100	<100	<100	<100	<100	<100	<100
	C34-C40	mg/kg	100		<100	<100	<100	<100	<100	<100	770	<100	<100	<100	<100	<100	<100	<100
	C6 - C9	mg/kg	10	65	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C10 - C14	mg/kg	20		<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C15 - C28	mg/kg	50		<50	<50	<50	<50	<50	<50	66	<50	<50	<50	<50	<50	<50	<50
	C29 - C36	mg/kg	50		<50	<50	<50	<50	<50	<50	440	<50	<50	<50	<50	<50	<50	<50
	C10 - C36 (Sum of total)	mg/kg	50		<50	<50	<50	<50	<50	<50	506	<50	<50	<50	<50	<50	<50	<50
	C10 - C40 (Sum of total)	mg/kg		1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F2-NAPHTHALENE	mg/kg	50		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Metals	Arsenic	mg/kg	2	20	6.6	2.1	5.3	2.5	<2	<2	<2	<2	<2	<2	3.1	<2	<2	<2
	Barium	mg/kg	10	300	29	-	30	31	12	<10	-	<10	<10	<10	<10	<10	<10	<10
	Beryllium	mg/kg	1	20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
	Boron	mg/kg	10		32	16	48	12	82	18	18	23	<10	28	1100	31	65	11
	Cadmium	mg/kg	0.4	3	1.3	<0.4	0.7	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
	Chromium (hexavalent)	mg/kg	1	1	<1	-	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1
	Chromium	mg/kg	2		5.9	5.9	<5	<5	<5	<5	<5	<5	7.8	<5	<5	<5	<5	<5
	Chromium (Trivalent)	mg/kg	5	400	5.9	-	<5	<5	<5	<5	-	<5	7.8	<5	<5	<5	<5	<5
	Cobalt	mg/kg	2	170	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	Copper	mg/kg	5	60	12	7.7	11	6.3	<5	<5	9.5	<5	<5	<5	<5	<5	<5	78
	Lead	mg/kg	5	300	44	27	41	<5	5.3	<5	45	<5	<5	<5	15	<5	7	<5
	Manganese	mg/kg	5	500	130	60	320	240	77	32	310	40	19	110	37	7.3	60	210
	Mercury	mg/kg	0.1	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
	Nickel	mg/kg	2	60	7	<5	7.3	6.2	<5	<5	6.4	<5	<5	<5	<5	<5	<5	6.2
	Selenium	mg/kg	2		-	<2	-	-	-	-	<2	-	-	-	-	-	-	-
	Vanadium	mg/kg	5		<10	-	<10	<10	<10	<10	-	<10	<10	<10	14	<10	<10	<10
	Zinc	mg/kg	5	200	63	67	17	<5	5.5	<5	19	<5	<5	<5	21	<5	5.7	<5
PAH	Acenaphthene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Acenaphthylene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Anthracene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Benzo(a)anthracene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Benzo(a)pyrene	mg/kg	0.5	1	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Benzo(a)pyrene TEQ (zero)	MG/KG	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Benzo(a)pyrene TEQ (half LOR)	MG/KG	0.5		-	0.6	0.6	-	-	0.6	0.6	-	0.6	-	-	0.6	0.6	-
	Benzo(a)pyrene TEQ (LOR)	MG/KG	0.5		-	1.2	1.2	-	-	1.2	1.2	-	1.2	-	-	1.2	1.2	-
	Benzo(g,h,i)perylene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Benzo(k)fluoranthene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Chrysene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Benzo[b+j]fluoranthene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Dibenz(a,h)anthracene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Fluoranthene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Fluorene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Naphthalene	mg/kg	0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Phenanthrene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Pyrene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-
	Total PAHs	mg/kg	0.5	5	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	<0.5	<0.5	-

OFFICIAL

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA

				Field_ID	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0	WTP12_0.5
				LocCode	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0	WTP12_0.5
				Sampled_Dat	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	14-07-17	14-07-17	14-07-17	14-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**SA EPA WF**														
Inorganics	Cyanide Total	mg/kg	5	500	-	-	-	-	-	-	-	-	-	-	-	<5	-	-
	Fluoride	mg/kg	100		-	-	<100	-	-	-	-	-	-	-	-	<100	-	-
	Moisture Content (dried @ 103°C)	%	1		23	5.7	33	27	15	14	15	30	19	14	30	25	25	16
	pH (aqueous extract)	pH_Units	0.1		-	-	-	-	-	-	-	-	-	-	-	8.6	-	-
MAH	1,2,4-trimethylbenzene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,3,5-trimethylbenzene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Isopropylbenzene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Styrene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
OCP	4,4-DDE	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	a-BHC	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
OCP (cont)	Aldrin	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Aldrin + Dieldrin	mg/kg		2	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-
	b-BHC	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Chlordane	mg/kg	0.1	2	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-
	d-BHC	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	DDD	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	DDT	mg/kg	0.05	2	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	DDT+DDE+DDD	mg/kg			-	<0.15	<0.15	-	-	<0.15	<0.15	-	<0.15	-	-	<0.15	<0.15	-
	Dieldrin	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Endosulfan I	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Endosulfan II	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Endosulfan sulphate	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Endrin	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Endrin aldehyde	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Endrin ketone	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	g-BHC (Lindane)	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Heptachlor	mg/kg	0.05	2	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Heptachlor epoxide	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Hexachlorobenzene	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Methoxychlor	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	<0.05	<0.05	-
	Toxaphene	mg/kg	1		-	<1	<1	-	-	<1	<1	-	<1	-	-	<1	<1	-
Polychlorinated Biphenyls	Arochlor 1221	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-
	Aroclor 1016	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-
	Aroclor 1232	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-
	Aroclor 1242	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-
	Aroclor 1248	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-
	Aroclor 1254	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-
	Aroclor 1260	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-
	PCBs (Sum of total)	mg/kg	0.1	2	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	<0.1	<0.1	-
Solvents	Methyl Ethyl Ketone	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	4-Methyl-2-pentanone	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Acetone	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Allyl chloride	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Carbon disulfide	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
SPOCAS	Acid Neutralising Capacity - Acidity	MOL H+/T	10		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Analysed Material	%	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Extraneous Material	%	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Liming Rate	kg CaCO3/t	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
VHC	1,1,1,2-tetrachloroethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,1,1-trichloroethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,1,2,2-tetrachloroethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,1,2-trichloroethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,1-dichloroethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,1-dichloroethene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,2,3-trichloropropane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,2-dibromoethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,2-dichlorobenzene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,2-dichloroethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,2-dichloropropane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-

OFFICIAL

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA

				Field_ID	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0	WTP12_0.5
				LocCode	WTP01_0.2	WTP02_0.2	WTP02_2.5	WTP03_0.5	WTP04_0.2	WTP05_1.0	WTP06_0.2	WTP06_2.0	WTP07_2.0	WTP08_0.5	WTP09_1.0	WTP10_1.0	WTP11_2.0	WTP12_0.5
				Sampled_Dat	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	13-07-17	14-07-17	14-07-17	14-07-17	14-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				SA EPA WF														
Chemistry Group	**Chemical Name**	**Units**	**LOR**															
VHC (cont.)	1,3-dichlorobenzene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,3-dichloropropane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	1,4-dichlorobenzene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	4-chlorotoluene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Bromobenzene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Bromochloromethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Bromodichloromethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Bromoform	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Bromomethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Carbon tetrachloride	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Chlorobenzene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Chlorodibromomethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Chloroethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Chloroform	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Chloromethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	cis-1,2-dichloroethene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	cis-1,3-dichloropropene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Dibromomethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Dichlorodifluoromethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
VHC (cont.)	Dichloromethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Iodomethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Trichloroethene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Tetrachloroethene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	trans-1,2-dichloroethene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	trans-1,3-dichloropropene	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Trichlorofluoromethane	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-
	Vinyl chloride	mg/kg	0.5		-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-	<0.5	-	-

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA

				Field_ID	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A	23 A	23 B
				LocCode	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A	23 A	23 B
				Sampled_Dat	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	18-07-17	18-07-17	18-07-17	18-07-17	18-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				SA EPA WF														
Chemistry Group	**Chemical Name**	**Units**	**LOR**															
Inorganic	% Clay	%	1		-	-	-	-	-	-	3.8	-	-	-	8.8	-	6.3	-
Moisture	Moisture Content	%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX	Benzene	mg/kg	0.1	1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1
	Toluene	mg/kg	0.1	1.4	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1
	Ethylbenzene	mg/kg	0.1	3.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1
	Xylene (m & p)	mg/kg	0.2		<0.2	<0.2	<0.2	<0.2	<0.2	-	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	<0.2
	Xylene (o)	mg/kg	0.1		<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1
	Xylene Total	mg/kg	0.3	14	<0.3	<0.3	<0.3	<0.3	<0.3	-	<0.3	<0.3	<0.3	<0.3	<0.3	-	-	<0.3
	Total BTEX	mg/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6 - C10	mg/kg	10		<20	<20	<20	<20	<20	-	<20	<20	<20	<20	<20	-	-	<20
	C6-C10 less BTEX (F1)	mg/kg	10		<20	<20	<20	<20	<20	-	<20	<20	<20	<20	<20	-	-	<20
	C10-C16	mg/kg	50		<50	<50	<50	<50	<50	-	<50	<50	<50	<50	<50	-	-	<50
	C16-C34	mg/kg	100		<100	<100	<100	<100	<100	-	<100	<100	<100	<100	<100	-	-	<100
	C34-C40	mg/kg	100		<100	<100	<100	<100	<100	-	<100	<100	<100	<100	<100	-	-	<100
	C6 - C9	mg/kg	10	65	<20	<20	<20	<20	<20	-	<20	<20	<20	<20	<20	-	-	<20
	C10 - C14	mg/kg	20		<20	<20	<20	<20	<20	-	<20	<20	<20	<20	<20	-	-	<20
	C15 - C28	mg/kg	50		<50	<50	<50	<50	<50	-	<50	<50	<50	<50	<50	-	-	<50
	C29 - C36	mg/kg	50		<50	<50	<50	<50	<50	-	<50	<50	<50	<50	<50	-	-	<50
	C10 - C36 (Sum of total)	mg/kg	50		<50	<50	<50	<50	<50	-	<50	<50	<50	<50	<50	-	-	<50
	C10 - C40 (Sum of total)	mg/kg		1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F2-NAPHTHALENE	mg/kg	50		<50	<50	<50	<50	<50	-	<50	<50	<50	<50	<50	-	-	<50
Metals	Arsenic	mg/kg	2	20	<2	2.6	<2	<2	<2	-	<2	3.2	<2	-	<2	4.5	-	-
	Barium	mg/kg	10	300	<10	<10	<10	<10	<10	-	<10	200	15	-	-	-	-	-
	Beryllium	mg/kg	1	20	<2	<2	<2	<2	<2	-	<2	<2	<2	-	<2	<2	-	-
	Boron	mg/kg	10		20	13	39	21	22	-	35	88	23	-	160	71	-	-
	Cadmium	mg/kg	0.4	3	<0.4	<0.4	<0.4	<0.4	<0.4	-	<0.4	<0.4	<0.4	-	<0.4	0.5	-	-
	Chromium (hexavalent)	mg/kg	1	1	<1	<1	<1	<1	<1	-	<1	<1	<1	-	-	-	-	-
	Chromium	mg/kg	2		<5	<5	<5	<5	<5	-	<5	9.4	<5	-	<5	6.2	-	-
	Chromium (Trivalent)	mg/kg	5	400	<5	<5	<5	<5	<5	-	<5	9.4	<5	-	-	-	-	-
	Cobalt	mg/kg	2	170	<5	<5	<5	<5	<5	-	<5	<5	<5	-	<5	<5	-	-
	Copper	mg/kg	5	60	<5	<5	<5	<5	<5	-	<5	19	11	-	<5	14	-	-
	Lead	mg/kg	5	300	<5	<5	<5	13	<5	-	<5	16	6.6	-	<5	65	-	-
	Manganese	mg/kg	5	500	31	25	30	31	9.3	-	38	81	330	-	57	110	-	-
	Mercury	mg/kg	0.1	1	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	<0.1	-	-
	Nickel	mg/kg	2	60	<5	<5	<5	<5	<5	-	<5	10	<5	-	<5	5.6	-	-
	Selenium	mg/kg	2		-	-	-	-	-	-	-	-	-	-	<2	<2	-	-
	Vanadium	mg/kg	5		<10	<10	<10	<10	<10	-	<10	22	<10	-	-	-	-	-
	Zinc	mg/kg	5	200	<5	<5	<5	7.5	<5	-	<5	16	11	-	<5	38	-	-
PAH	Acenaphthene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Acenaphthylene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Anthracene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Benzo(a)anthracene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Benzo(a)pyrene	mg/kg	0.5	1	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Benzo(a)pyrene TEQ (zero)	MG/KG	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Benzo(a)pyrene TEQ (half LOR)	MG/KG	0.5		-	0.6	-	-	-	0.6	0.6	-	0.6	-	0.6	-	-	-
	Benzo(a)pyrene TEQ (LOR)	MG/KG	0.5		-	1.2	-	-	-	1.2	1.2	-	1.2	-	1.2	-	-	-
	Benzo(g,h,i)perylene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Benzo(k)fluoranthene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Chrysene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Benzo[b+j]fluoranthene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Dibenz(a,h)anthracene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Fluoranthene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Fluorene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Naphthalene	mg/kg	0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	<0.5
	Phenanthrene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Pyrene	mg/kg	0.5		-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-
	Total PAHs	mg/kg	0.5	5	-	<0.5	-	-	-	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA

				Field_ID	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A	23 A	23 B
				LocCode	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A	23 A	23 B
				Sampled_Dat	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	18-07-17	18-07-17	18-07-17	18-07-17	18-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**SA EPA WF**														
Inorganics	Cyanide Total	mg/kg	5	500	-	-	-	-	-	-	<5	-	<5	-	-	<5	-	-
	Fluoride	mg/kg	100		-	-	-	-	-	-	110	-	<100	-	-	<100	-	-
	Moisture Content (dried @ 103°C)	%	1		26	20	23	3.6	42	4.1	34	23	20	26	18	14	15	12
	pH (aqueous extract)	pH_Units	0.1		-	-	-	-	-	-	8.9	-	-	-	-	-	-	-
MAH	1,2,4-trimethylbenzene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,3,5-trimethylbenzene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Isopropylbenzene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Styrene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
OCP	4,4-DDE	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	a-BHC	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
OCP (cont)	Aldrin	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Aldrin + Dieldrin	mg/kg		2	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	-	-	-	-
	b-BHC	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Chlordane	mg/kg	0.1	2	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	-
	d-BHC	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	DDD	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	DDT	mg/kg	0.05	2	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	DDT+DDE+DDD	mg/kg			-	<0.15	-	-	-	<0.15	<0.15	-	<0.15	-	-	-	-	-
	Dieldrin	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Endosulfan I	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Endosulfan II	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Endosulfan sulphate	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Endrin	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Endrin aldehyde	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Endrin ketone	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	g-BHC (Lindane)	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Heptachlor	mg/kg	0.05	2	-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Heptachlor epoxide	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Hexachlorobenzene	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Methoxychlor	mg/kg	0.05		-	<0.05	-	-	-	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-
	Toxaphene	mg/kg	1		-	<1	-	-	-	<1	<1	-	<1	-	<1	<1	-	-
Polychlorinated Biphenyls	Arochlor 1221	mg/kg	0.1		-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	-
	Aroclor 1016	mg/kg	0.1		-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	-
	Aroclor 1232	mg/kg	0.1		-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	-
	Aroclor 1242	mg/kg	0.1		-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	-
	Aroclor 1248	mg/kg	0.1		-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	-
	Aroclor 1254	mg/kg	0.1		-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	-
	Aroclor 1260	mg/kg	0.1		-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	-
	PCBs (Sum of total)	mg/kg	0.1	2	-	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	-	-
Solvents	Methyl Ethyl Ketone	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	4-Methyl-2-pentanone	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Acetone	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Allyl chloride	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Carbon disulfide	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
SPOCAS	Acid Neutralising Capacity - Acidity	MOL H+/T	10		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Analysed Material	%	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Extraneous Material	%	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Liming Rate	kg CaCO3/t	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
VHC	1,1,1,2-tetrachloroethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,1,1-trichloroethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,1,2,2-tetrachloroethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,1,2-trichloroethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,1-dichloroethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,1-dichloroethene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,2,3-trichloropropane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,2-dibromoethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,2-dichlorobenzene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,2-dichloroethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,2-dichloropropane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-

OFFICIAL

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA

				Field_ID	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A	23 A	23 B
				LocCode	WTP13_1.0	WTP14_0.5	WTP15_1.0	WTP16_0.2	WTP17_1.0	WTP18_0.2	WTP18_2.0	WTP19_1.0	WTP20_0.35	21C 1	21D 2.5-2.0	22 A	23 A	23 B
				Sampled_Dat	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	14-07-17	18-07-17	18-07-17	18-07-17	18-07-17	18-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				SA EPA WF														
Chemistry Group	**Chemical Name**	**Units**	**LOR**															
VHC (cont.)	1,3-dichlorobenzene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,3-dichloropropane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	1,4-dichlorobenzene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	4-chlorotoluene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Bromobenzene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Bromochloromethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Bromodichloromethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Bromoform	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Bromomethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Carbon tetrachloride	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Chlorobenzene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Chlorodibromomethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Chloroethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Chloroform	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Chloromethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	cis-1,2-dichloroethene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	cis-1,3-dichloropropene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Dibromomethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Dichlorodifluoromethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
VHC (cont.)	Dichloromethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Iodomethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Trichloroethene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Tetrachloroethene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	trans-1,2-dichloroethene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	trans-1,3-dichloropropene	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Trichlorofluoromethane	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-
	Vinyl chloride	mg/kg	0.5		-	<0.5	-	-	-	-	<0.5	-	<0.5	-	<0.5	-	-	-

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA				Field_ID	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B	47 A	47 D	48 C
				LocCode	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B	47 A	47 D	48 C
				Sampled_Dat	18-07-17	19-07-17	19-07-17	19-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				SA EPA WF														
Chemistry Group	**Chemical Name**	**Units**	**LOR**															
Inorganic	% Clay	%	1		-	-	-	10	14	-	-	-	-	-	-	-	-	-
Moisture	Moisture Content	%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX	Benzene	mg/kg	0.1	1	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Toluene	mg/kg	0.1	1.4	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Ethylbenzene	mg/kg	0.1	3.1	-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Xylene (m & p)	mg/kg	0.2		-	<0.2	<0.2	-	-	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Xylene (o)	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Xylene Total	mg/kg	0.3	14	-	<0.3	<0.3	-	-	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
	Total BTEX	mg/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6 - C10	mg/kg	10		-	<20	<20	-	-	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C6-C10 less BTEX (F1)	mg/kg	10		-	<20	<20	-	-	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C10-C16	mg/kg	50		-	<50	<50	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50
	C16-C34	mg/kg	100		-	<100	<100	-	-	<100	<100	<100	<100	<100	<100	<100	<100	<100
	C34-C40	mg/kg	100		-	<100	<100	-	-	<100	<100	<100	<100	<100	<100	<100	<100	<100
	C6 - C9	mg/kg	10	65	-	<20	<20	-	-	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C10 - C14	mg/kg	20		-	<20	<20	-	-	<20	<20	<20	<20	<20	<20	<20	<20	<20
	C15 - C28	mg/kg	50		-	<50	<50	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50
	C29 - C36	mg/kg	50		-	<50	<50	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50
	C10 - C36 (Sum of total)	mg/kg	50		-	<50	<50	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50
	C10 - C40 (Sum of total)	mg/kg		1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F2-NAPHTHALENE	mg/kg	50		-	<50	<50	-	-	<50	<50	<50	<50	<50	<50	<50	<50	<50
Metals	Arsenic	mg/kg	2	20	-	4.1	5	-	-	2.8	4.2	-	3.3	3.5	4.6	-	6.5	-
	Barium	mg/kg	10	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Beryllium	mg/kg	1	20	-	<2	<2	-	-	<2	<2	-	<2	<2	<2	-	<2	-
	Boron	mg/kg	10		-	71	99	-	-	76	25	-	49	130	70	-	120	-
	Cadmium	mg/kg	0.4	3	-	<0.4	0.5	-	-	<0.4	<0.4	-	<0.4	0.4	0.6	-	<0.4	-
	Chromium (hexavalent)	mg/kg	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium	mg/kg	2		-	9	14	-	-	5.8	20	-	7.8	7.2	6.9	-	27	-
	Chromium (Trivalent)	mg/kg	5	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cobalt	mg/kg	2	170	-	<5	<5	-	-	<5	<5	-	<5	<5	<5	-	5.6	-
	Copper	mg/kg	5	60	-	7.9	14	-	-	<5	10	-	10	12	15	-	21	-
	Lead	mg/kg	5	300	-	12	48	-	-	8.1	5.6	-	42	53	65	-	11	-
	Manganese	mg/kg	5	500	-	71	130	-	-	64	53	-	250	120	150	-	180	-
	Mercury	mg/kg	0.1	1	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	0.1	<0.1	-	<0.1	-
	Nickel	mg/kg	2	60	-	<5	9.5	-	-	<5	8.7	-	7.3	6	5.7	-	14	-
	Selenium	mg/kg	2		-	<2	<2	-	-	<2	<2	-	<2	<2	<2	-	<2	-
	Vanadium	mg/kg	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/kg	5	200	-	21	66	-	-	17	15	-	29	41	41	-	45	-
PAH	Acenaphthene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Acenaphthylene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Anthracene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Benzo(a)anthracene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Benzo(a)pyrene	mg/kg	0.5	1	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Benzo(a)pyrene TEQ (zero)	MG/KG	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Benzo(a)pyrene TEQ (half LOR)	MG/KG	0.5		-	0.6	0.6	-	-	0.6	0.6	-	0.6	-	-	-	0.6	-
	Benzo(a)pyrene TEQ (LOR)	MG/KG	0.5		-	1.2	1.2	-	-	1.2	1.2	-	1.2	-	-	-	1.2	-
	Benzo(g,h,i)perylene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Benzo(k)fluoranthene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Chrysene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Benzo[b+j]fluoranthene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Dibenz(a,h)anthracene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Fluoranthene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Fluorene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Naphthalene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Phenanthrene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Pyrene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Total PAHs	mg/kg	0.5	5	-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA

				Field_ID	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B	47 A	47 D	48 C
				LocCode	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B	47 A	47 D	48 C
				Sampled_Dat	18-07-17	19-07-17	19-07-17	19-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				SA EPA WF														
Chemistry Group	**Chemical Name**	**Units**	**LOR**															
Inorganics	Cyanide Total	mg/kg	5	500	<5	-	-	-	-	-	<5	-	-	-	-	-	<5	-
	Fluoride	mg/kg	100		<100	-	-	-	-	-	<100	-	-	-	-	-	130	-
	Moisture Content (dried @ 103°C)	%	1		9.6	10	14	15	13	11	10	21	14	18	20	13	20	21
	pH (aqueous extract)	pH_Units	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAH	1,2,4-trimethylbenzene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,3,5-trimethylbenzene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Isopropylbenzene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Styrene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
OCP	4,4-DDE	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	a-BHC	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
OCP (cont)	Aldrin	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Aldrin + Dieldrin	mg/kg		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	b-BHC	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Chlordane	mg/kg	0.1	2	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	-
	d-BHC	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	DDD	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	DDT	mg/kg	0.05	2	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	DDT+DDE+DDD	mg/kg			-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dieldrin	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Endosulfan I	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Endosulfan II	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Endosulfan sulphate	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Endrin	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Endrin aldehyde	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Endrin ketone	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	g-BHC (Lindane)	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Heptachlor	mg/kg	0.05	2	-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Heptachlor epoxide	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Hexachlorobenzene	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Methoxychlor	mg/kg	0.05		-	<0.05	<0.05	-	-	<0.05	<0.05	-	<0.05	-	-	-	<0.05	-
	Toxaphene	mg/kg	1		-	<1	<1	-	-	<1	<1	-	<1	-	-	-	<1	-
Polychlorinated Biphenyls	Arochlor 1221	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	-
	Aroclor 1016	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	-
	Aroclor 1232	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	-
	Aroclor 1242	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	-
	Aroclor 1248	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	-
	Aroclor 1254	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	-
	Aroclor 1260	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	-
	PCBs (Sum of total)	mg/kg	0.1	2	-	<0.1	<0.1	-	-	<0.1	<0.1	-	<0.1	-	-	-	<0.1	-
Solvents	Methyl Ethyl Ketone	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	4-Methyl-2-pentanone	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Acetone	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Allyl chloride	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Carbon disulfide	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
SPOCAS	Acid Neutralising Capacity - Acidity	MOL H+/T	10		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Analysed Material	%	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Extraneous Material	%	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Liming Rate	kg CaCO3/t	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
VHC	1,1,1,2-tetrachloroethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,1,1-trichloroethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,1,2,2-tetrachloroethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,1,2-trichloroethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,1-dichloroethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,1-dichloroethene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,2,3-trichloropropane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,2-dibromoethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,2-dichlorobenzene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,2-dichloroethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,2-dichloropropane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-

OFFICIAL

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA				Field_ID	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B	47 A	47 D	48 C
				LocCode	24 B	38 C	39 C	39 D	40 B	41 B	42 A	43 A	44 D	45 C	46 B	47 A	47 D	48 C
				Sampled_Dat	18-07-17	19-07-17	19-07-17	19-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				SA EPA WF														
Chemistry Group	Chemical Name	Units	LOR															
VHC (cont.)	1,3-dichlorobenzene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,3-dichloropropane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	1,4-dichlorobenzene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	4-chlorotoluene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Bromobenzene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Bromochloromethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Bromodichloromethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Bromoform	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Bromomethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Carbon tetrachloride	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Chlorobenzene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Chlorodibromomethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Chloroethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Chloroform	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Chloromethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	cis-1,2-dichloroethene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	cis-1,3-dichloropropene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Dibromomethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Dichlorodifluoromethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
VHC (cont.)	Dichloromethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Iodomethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Trichloroethene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Tetrachloroethene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	trans-1,2-dichloroethene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	trans-1,3-dichloropropene	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Trichlorofluoromethane	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-
	Vinyl chloride	mg/kg	0.5		-	<0.5	<0.5	-	-	<0.5	<0.5	-	<0.5	-	-	-	<0.5	-

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA

				Field_ID	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B	TP 49 2500 A	TP 49 500 A	TP 49 500 B
				LocCode	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B	TP 49 2500 A	TP 49 500 A	TP 49 500 B
				Sampled_Dat	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
				SA EPA WF													
Chemistry Group	**Chemical Name**	**Units**	**LOR**														
Inorganic	% Clay	%	1		-	-	-	-	-	-	-	-	-	-	-	-	-
Moisture	Moisture Content	%			-	-	-	-	-	-	-	-	-	-	-	-	-
BTEX	Benzene	mg/kg	0.1	1	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	Toluene	mg/kg	0.1	1.4	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	Ethylbenzene	mg/kg	0.1	3.1	-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	Xylene (m & p)	mg/kg	0.2		-	<0.2	-	-	-	-	-	-	-	-	-	-	-
	Xylene (o)	mg/kg	0.1		-	<0.1	-	-	-	-	-	-	-	-	-	-	-
	Xylene Total	mg/kg	0.3	14	-	<0.3	-	-	-	-	-	-	-	-	-	-	-
	Total BTEX	mg/kg			-	-	-	-	-	-	-	-	-	-	-	-	-
TPH	C6 - C10	mg/kg	10		-	<20	-	-	-	-	-	-	-	-	-	-	-
	C6-C10 less BTEX (F1)	mg/kg	10		-	<20	-	-	-	-	-	-	-	-	-	-	-
	C10-C16	mg/kg	50		-	<50	-	-	-	-	-	-	-	-	-	-	-
	C16-C34	mg/kg	100		-	<100	-	-	-	-	-	-	-	-	-	-	-
	C34-C40	mg/kg	100		-	<100	-	-	-	-	-	-	-	-	-	-	-
	C6 - C9	mg/kg	10	65	-	<20	-	-	-	-	-	-	-	-	-	-	-
	C10 - C14	mg/kg	20		-	<20	-	-	-	-	-	-	-	-	-	-	-
	C15 - C28	mg/kg	50		-	<50	-	-	-	-	-	-	-	-	-	-	-
	C29 - C36	mg/kg	50		-	<50	-	-	-	-	-	-	-	-	-	-	-
	C10 - C36 (Sum of total)	mg/kg	50		-	<50	-	-	-	-	-	-	-	-	-	-	-
	C10 - C40 (Sum of total)	mg/kg		1000	-	-	-	-	-	-	-	-	-	-	-	-	-
	F2-NAPHTHALENE	mg/kg	50		-	<50	-	-	-	-	-	-	-	-	-	-	-
Metals	Arsenic	mg/kg	2	20	6.8	7	-	-	-	-	-	-	-	-	-	-	-
	Barium	mg/kg	10	300	-	-	-	-	-	-	-	-	-	-	-	-	-
	Beryllium	mg/kg	1	20	<2	<2	-	-	-	-	-	-	-	-	-	-	-
	Boron	mg/kg	10		100	110	-	-	-	-	-	-	-	-	-	-	-
	Cadmium	mg/kg	0.4	3	<0.4	<0.4	-	-	-	-	-	-	-	-	-	-	-
	Chromium (hexavalent)	mg/kg	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chromium	mg/kg	2		14	21	-	-	-	-	-	-	-	-	-	-	-
	Chromium (Trivalent)	mg/kg	5	400	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cobalt	mg/kg	2	170	<5	<5	-	-	-	-	-	-	-	-	-	-	-
	Copper	mg/kg	5	60	11	23	-	-	-	-	-	-	-	-	-	-	-
	Lead	mg/kg	5	300	30	26	-	-	-	-	-	-	-	-	-	-	-
	Manganese	mg/kg	5	500	84	240	-	-	-	-	-	-	-	-	-	-	-
	Mercury	mg/kg	0.1	1	<0.1	0.1	-	-	-	-	-	-	-	-	-	-	-
	Nickel	mg/kg	2	60	6.1	12	-	-	-	-	-	-	-	-	-	-	-
	Selenium	mg/kg	2		<2	<2	-	-	-	-	-	-	-	-	-	-	-
	Vanadium	mg/kg	5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Zinc	mg/kg	5	200	31	120	-	-	-	-	-	-	-	-	-	-	-
PAH	Acenaphthene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Acenaphthylene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Anthracene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a)anthracene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a)pyrene	mg/kg	0.5	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a)pyrene TEQ (zero)	MG/KG	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a)pyrene TEQ (half LOR)	MG/KG	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(a)pyrene TEQ (LOR)	MG/KG	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(g,h,i)perylene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo(k)fluoranthene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Chrysene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Benzo[b+j]fluoranthene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibenz(a,h)anthracene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluoranthene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluorene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Indeno(1,2,3-c,d)pyrene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Naphthalene	mg/kg	0.5		-	<0.5	-	-	-	-	-	-	-	-	-	-	-
	Phenanthrene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Pyrene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Total PAHs	mg/kg	0.5	5	-	-	-	-	-	-	-	-	-	-	-	-	-

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA

				Field_ID	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B	TP 49 2500 A	TP 49 500 A	TP 49 500 B
				LocCode	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B	TP 49 2500 A	TP 49 500 A	TP 49 500 B
				Sampled_Dat	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**SA EPA WF**													
Inorganics	Cyanide Total	mg/kg	5	500	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fluoride	mg/kg	100		-	-	-	-	-	-	-	-	-	-	-	-	-
	Moisture Content (dried @ 103°C)	%	1		14	15	15	14	14	12	19	20	10	11	15	13	13
	pH (aqueous extract)	pH_Units	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-
MAH	1,2,4-trimethylbenzene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,3,5-trimethylbenzene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Isopropylbenzene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Styrene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
OCP	4,4-DDE	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	a-BHC	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
OCP (cont)	Aldrin	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Aldrin + Dieldrin	mg/kg		2	-	-	-	-	-	-	-	-	-	-	-	-	-
	b-BHC	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Chlordane	mg/kg	0.1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	d-BHC	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	DDD	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	DDT	mg/kg	0.05	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	DDT+DDE+DDD	mg/kg			-	-	-	-	-	-	-	-	-	-	-	-	-
	Dieldrin	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan I	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan II	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Endosulfan sulphate	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Endrin	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Endrin aldehyde	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Endrin ketone	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	g-BHC (Lindane)	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Heptachlor	mg/kg	0.05	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	Heptachlor epoxide	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Hexachlorobenzene	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Methoxychlor	mg/kg	0.05		-	-	-	-	-	-	-	-	-	-	-	-	-
	Toxaphene	mg/kg	1		-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls	Arochlor 1221	mg/kg	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1016	mg/kg	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1232	mg/kg	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1242	mg/kg	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1248	mg/kg	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1254	mg/kg	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-
	Aroclor 1260	mg/kg	0.1		-	-	-	-	-	-	-	-	-	-	-	-	-
	PCBs (Sum of total)	mg/kg	0.1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Solvents	Methyl Ethyl Ketone	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	4-Methyl-2-pentanone	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Acetone	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Allyl chloride	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Carbon disulfide	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
SPOCAS	Acid Neutralising Capacity - Acidity	MOL H+/T	10		-	-	10,000	12,000	4600	4200	7300	7800	5500	4600	11,000	5400	5700
	Analysed Material	%	0.1		-	-	90	98	96	98	97	96	99	97	99	96	95
	Extraneous Material	%	0.1		-	-	10	2.4	4	2.1	2.9	3.9	0.9	3.1	1	4.2	4.9
	Liming Rate	kg CaCO3/t	1		-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
VHC	1,1,1,2-tetrachloroethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,1,1-trichloroethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,1,2,2-tetrachloroethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,1,2-trichloroethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,1-dichloroethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,1-dichloroethene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,2,3-trichloropropane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,2-dibromoethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,2-dichlorobenzene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,2-dichloroethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,2-dichloropropane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-

COFFEY 2017 SOIL DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA

				Field_ID	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B	TP 49 2500 A	TP 49 500 A	TP 49 500 B
				LocCode	49 A	49 C	TP 44 2500 A	TP 44 2500 B	TP 44 500 A	TP 44 500 B	TP 47 2500 A	TP 47 2500 B	TP 47 500 A	TP 47 500 B	TP 49 2500 A	TP 49 500 A	TP 49 500 B
				Sampled_Dat	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17	20-07-17
				Matrix_Descri	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Chemistry Group	**Chemical Name**	**Units**	**LOR**	**SA EPA WF**													
VHC (cont.)	1,3-dichlorobenzene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,3-dichloropropane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	1,4-dichlorobenzene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	4-chlorotoluene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Bromobenzene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Bromochloromethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Bromodichloromethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Bromoform	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Bromomethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Carbon tetrachloride	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Chlorobenzene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Chlorodibromomethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Chloroethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Chloroform	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Chloromethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	cis-1,2-dichloroethene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	cis-1,3-dichloropropene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Dibromomethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Dichlorodifluoromethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
VHC (cont.)	Dichloromethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Iodomethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Trichloroethene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Tetrachloroethene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	trans-1,2-dichloroethene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	trans-1,3-dichloropropene	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Trichlorofluoromethane	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-
	Vinyl chloride	mg/kg	0.5		-	-	-	-	-	-	-	-	-	-	-	-	-

2023 Soil Summary Tables (Area 2 and 3)

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SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
NEPC (2013) HILs: Commercial					3000	900	3600	240000		1500	730	6000	400000																			
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																								260	NL	3	NL	NL			230	
1-2m																								370	NL	3	NL	NL			NL	
2-4m																								630	NL	3	NL	NL			NL	
>4m																								NL	NL	3	NL	NL			NL	
NEPC (2013) Management Limits: Commercial, Coarse																			700	1000	3500	10000										
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)					160		360	300		1800		670	980																			
NEPC (2013) ESLs: Commercial, Coarse																					1700	3300		215	170	75	135	165			180	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB01	SB01_0.0-0.2	A	22-May-23	992922	3.7	<0.4	10	6.6	-	18	<0.1	5.4	32	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB01	SB01_0.4-0.6	A	22-May-23	992922	2.8	<0.4	5.9	<5	-	7.1	<0.1	5.5	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	5	<0.4	11	10	-	55	<0.1	5.6	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	2.2	<0.4	6.5	5.8	-	9.6	<0.1	<5	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	<2	<0.4	<5	<5	-	<5	<0.1	<5	6.2	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	2.4	<0.4	6	5.3	-	28	<0.1	<5	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	8.4	<0.4	22	15	-	7.9	<0.1	13	20	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB07	SB07_0.0-0.2	A	22-May-23	992922	6.5	<0.4	56	28	-	16	<0.1	25	52	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	10	<0.4	85	50	-	36	0.2	39	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	3.1	<0.4	9.7	<5	-	19	<0.1	<5	28	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB09	SB09_0.0-0.2	A	22-May-23	992922	6.5	<0.4	70	33	-	22	<0.1	30	64	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB09	SB09_0.3-0.5	A	22-May-23	992922	6.8	<0.4	51	24	-	12	<0.1	23	34	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	6	<0.4	40	17	-	8.8	<0.1	17	26	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB11	SB11_0.0-0.2	A	25-May-23	993441	6	<0.4	65	30	-	17	<0.1	28	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	7.9	<0.4	50	25	-	16	<0.1	21	46	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB12	SB12_0-0.2	A	22-May-23	992922	6.1	<0.4	21	15	-	14	<0.1	11	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	3.8	<0.4	7.8	<5	-	<5	<0.1	<5	12	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB14	SB14_0.0-0.2	A	22-May-23	992922	3.8	<0.4	18	11	-	12	<0.1	8.8	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	3.7	<0.4	16	9.8	-	8.7	<0.1	7.9	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	6.8	<0.4	26	21	-	18	<0.1	12	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	4.8	<0.4	18	16	-	15	<0.1	7.7	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	2.6	<0.4	7.1	<5	-	<5	<0.1	<5	7.2	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB16	SB16_0.7-1.0	A	23-May-23	992922	11	<0.4	13	110	-	160	3.1	6.1	170	<20	<20	140	120	260	<20	<50	240	<100	240	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB17	SB17_0.2-0.5	A	22-May-23	992922	2.8	<0.4	6.9	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	2.6	<0.4	8	<5	-	<5	<0.1	<5	8.2	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	6.5	<0.4	26	16	-	13	<0.1	12	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	10	<0.4	37	21	-	14	<0.1	16	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	2.9	<0.4	10	7.4	-	8.4	<0.1	<5	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	5.4	<0.4	6.7	<5	-	<5	<0.1	<5	<5	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB22	SB22_0.0-0.2	A	23-May-23	992922	7.1	<0.4	30	21	-	21	<0.1	14	40	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB22	SB22_0.5-0.7	A	23-May-23	992922	13	2	23	19	-	65	<0.1	15	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	8.1	<0.4	26	17	-	13	<0.1	12	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	11	<0.4	35	24	-	16	<0.1	20	37	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB24	SB24_0.7-1.0	A	23-May-23	992922	12	<0.4	29	24	-	27	0.7	16	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	6.8	<0.4	39	20	-	12	<0.1	18	35	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB26	SB26_0.0-0.2	A	23-May-23	992922	5.7	<0.4	29	17	-	12	<0.1	13	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	7.8	<0.4	32	20	-	12	<0.1	15	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	6.4	<0.4	35	20	-	14	<0.1	15	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	5	<0.4	20	16	-	13	<0.1	9.4	47	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
NEPC (2013) HILs: Commercial					3000	900	3600	240000		1500	730	6000	400000																				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																								260	NL	3	NL	NL			230	
1-2m																								370	NL	3	NL	NL			NL	
2-4m																								630	NL	3	NL	NL			NL	
>4m																								NL	NL	3	NL	NL			NL	
NEPC (2013) Management Limits: Commercial, Coarse																			700	1000	3500	10000										
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)					160		360	300		1800		670	980																			
NEPC (2013) ESLs: Commercial, Coarse																					1700	3300		215	170	75	135	165			180	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB28	SB28_0.0-0.3	A	23-May-23	992922	8.1	<0.4	27	17	-	13	<0.1	13	35	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB28	SB28_0.3-0.5	A	23-May-23	992922	7.6	<0.4	33	21	-	14	<0.1	16	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	6.8	<0.4	26	16	-	14	<0.1	12	35	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB29	SB29_0.0-0.2	A	23-May-23	992922	4	<0.4	15	13	-	10	<0.1	6.9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	6.4	<0.4	22	23	-	19	0.1	10	63	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB30	SB30_0.2-0.4	A	25-May-23	993964	6	<0.4	46	20	-	10	<0.1	19	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	4.1	<0.4	13	16	-	27	<0.1	10	39	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB31	SB31_0.2-0.5	A	25-May-23	993964	4.1	<0.4	12	20	-	6	<0.1	7	23	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB32	SB32_0-0.2	A	23-May-23	992922	6.3	<0.4	28	18	-	15	<0.1	12	38	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB33	SB33_0.0-0.2	A	25-May-23	993964	4.4	<0.4	13	38	-	32	<0.1	8.2	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	<2	<0.4	6.5	<5	-	<5	<0.1	<5	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	2.4	<0.4	7.7	<5	-	<5	<0.1	<5	9.6	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB35	SB35_0.0-0.2	A	23-May-23	992922	<2	<0.4	5.1	<5	-	<5	<0.1	<5	6.5	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB36	SB36_0.0-0.2	A	25-May-23	993441	5.6	<0.4	27	15	-	8.9	<0.1	11	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	2.7	<0.4	11	5.2	-	<5	<0.1	<5	8.4	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB37	SB37_0.0-0.2	A	23-May-23	992922	6.6	<0.4	33	21	-	16	<0.1	15	47	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	5	<0.4	18	9.8	-	7.4	<0.1	8.2	18	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB38	SB38_0.6-0.8	A	25-May-23	993441	14	<0.4	46	34	-	38	0.3	22	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	5.1	<0.4	21	9.9	-	5.7	<0.1	10	16	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB39	SB39_0.3-0.5	A	23-May-23	992922	12	<0.4	37	23	-	19	0.1	18	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	10	<0.4	56	31	-	20	<0.1	27	56	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB40	SB40_0.3-0.5	A	23-May-23	992922	11	<0.4	54	38	-	30	0.2	26	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	7.2	<0.4	63	33	-	18	<0.1	30	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	7.6	<0.4	42	24	-	15	<0.1	20	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	13	0.9	69	66	-	71	0.6	32	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	9.2	<0.4	56	36	-	27	0.2	25	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	2.3	<0.4	5.9	<5	-	<5	<0.1	<5	6.1	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB45	SB45_0.5-0.7	A	25-May-23	993441	9.5	<0.4	50	32	-	24	<0.1	23	65	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB46	SB46_0.0-0.2	A	25-May-23	993441	2.2	<0.4	5	<5	-	<5	<0.1	<5	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	2.3	<0.4	6.5	<5	-	<5	<0.1	<5	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB48	SB48_0.0-0.2	A	25-May-23	993441	4.8	<0.4	13	6.2	-	5	<0.1	5.8	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	3.4	<0.4	12	11	-	13	<0.1	5.6	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	4.9	<0.4	17	17	-	20	<0.1	8.3	47	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB50	SB50_0.3-0.5	A	29-May-23	995383	3.8	<0.4	24	11	-	6.4	<0.1	9.5	19	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB50	SB50_1.7-2.0	A	29-May-23	995383	5.2	<0.4	21	8.1	-	5.4	<0.1	9.2	33	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB50	SB50_2.3-3.0	A	29-May-23	995383	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	12	0.8	66	60	-	62	0.5	30	150	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
NEPC (2013) HILs: Commercial					3000	900	3600	240000		1500	730	6000	400000																				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																								260	NL	3	NL	NL			230	
1-2m																								370	NL	3	NL	NL			NL	
2-4m																								630	NL	3	NL	NL			NL	
>4m																								NL	NL	3	NL	NL			NL	
NEPC (2013) Management Limits: Commercial, Coarse																			700	1000	3500	10000										
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)					160		360	300		1800		670	980																			
NEPC (2013) ESLs: Commercial, Coarse																					1700	3300		215	170	75	135	165			180	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB52	SB52_0.0-0.2	A	25-May-23	993441	10	<0.4	61	41	-	38	0.2	28	93	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB53	SB53_0.2-0.5	A	29-May-23	995383	<2	<0.4	6.1	6.4	-	7.6	<0.1	<5	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	8.2	<0.4	30	12	-	8.9	<0.1	14	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	16,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	3.3	<0.4	22	11	-	7.3	<0.1	9.3	18	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	6.8	<0.4	50	29	-	21	<0.1	21	39	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	15	0.6	50	38	-	46	0.3	23	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	3.7	<0.4	11	9.3	-	17	<0.1	5.7	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	3	<0.4	19	7.3	-	16	<0.1	8.3	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	5.2	<0.4	16	13	-	18	<0.1	8.5	31	<20	<20	<50	<50	57	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	4.4	<0.4	11	13	-	19	<0.1	7.3	37	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB73	SB73_2.7-3.0	B	29-May-23	995383	6.5	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	4.3	<0.4	9.8	15	-	24	<0.1	6.8	35	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB74	SB74_1.3-1.5	B	29-May-23	995383	13	<0.4	15	24	-	41	<0.1	11	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	5.2	<0.4	15	10	-	17	<0.1	7.6	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	6.7	<0.4	16	13	-	20	<0.1	9.5	39	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB60	SB60_0.6-0.7	C	25-May-23	993964	5.2	<0.4	14	11	-	27	<0.1	7.8	36	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB61	SB61_0.0-0.2	C	25-May-23	993964	4	<0.4	11	8.2	-	16	<0.1	5.6	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	4.2	<0.4	11	9.6	-	19	<0.1	6.8	27	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB75	SB75_1.7-1.8	C	29-May-23	995383	4.4	<0.4	5.9	13	-	<5	<0.1	12	8.4	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB75	SB75_2.3-2.5	C	29-May-23	995383	2.4	<0.4	9.6	6.7	-	<5	<0.1	5.5	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	4	<0.4	12	9.3	-	16	<0.1	6.4	23	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB63	SB63_0.5-0.6	D	25-May-23	993964	2.7	<0.4	11	5.3	-	7.8	<0.1	<5	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	4.3	<0.4	26	14	-	8.6	<0.1	12	25	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB64	SB64_0.0-0.2	D	25-May-23	993964	3.6	<0.4	11	7.9	-	12	<0.1	5.3	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	4	<0.4	13	8	-	11	<0.1	5.5	19	<20	<20	<50	<50	56	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB65	SB65_0.4-0.6	D	26-May-23	994339	5	<0.4	19	12	-	16	<0.1	9.5	24	<20	<20	<50	<50	57	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB65	SB65_0.8-1.0	D	26-May-23	994339	4.6	<0.4	18	8.4	-	5.1	<0.1	8.2	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	5.5	<0.4	15	12	-	23	<0.1	8.2	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	28	11	7.5	12	-	170	<0.1	11	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	2.6	6.4	<5	16	-	27	<0.1	7.5	6.9	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB66	SB66_0.4-0.7	E	26-May-23	994339	4.4	<0.4	67	20	-	23	<0.1	30	35	<20	<20	<50	<50	56	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB66	SB66_0.9-1.0	E	26-May-23	994339	5.5	<0.4	21	10	-	8.3	<0.1	9.3	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	4.3	<0.4	14	33	-	12	<0.1	17	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	5.2	<0.4	27	15	-	12	<0.1	12	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	6.9	<0.4	15	37	-	28	<0.1	9.8	45	<20	<20	<50	<50	59	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
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					Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
NEPC (2013) HILs: Commercial					3000	900	3600	240000		1500	730	6000	400000																				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																								260	NL	3	NL	NL			230	
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>4m																								NL	NL	3	NL	NL			NL	
NEPC (2013) Management Limits: Commercial, Coarse																			700	1000	3500	10000										
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)					160		360	300		1800		670	980																			
NEPC (2013) ESLs: Commercial, Coarse																					1700	3300		215	170	75	135	165			180	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
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Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	4.1	<0.4	14	9.9	-	11	<0.1	6.8	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	5.6	<0.4	17	13	-	16	<0.1	8.8	31	<20	<20	<50	<50	57	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB70	SB70_0.7-1.0	E	26-May-23	994339	6.2	<0.4	35	18	-	27	<0.1	32	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	6.6	<0.4	23	17	-	19	0.1	11	38	<20	<20	<50	<50	57	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB71	SB71_0.8-1.0	E	26-May-23	994339	<2	<0.4	6.6	12	-	5.2	<0.1	<5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	7.9	<0.4	15	13	-	14	<0.1	9.4	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	2.5	<0.4	6.4	7.7	-	8.6	<0.1	<5	24	<20	<20	<50	<50	56	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	5.1	<0.4	14	9.7	-	13	<0.1	7.5	46	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB77	SB77_0.9-1.1	E	29-May-23	995383	4.3	<0.4	11	11	-	11	<0.1	6.5	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	8.8	4.7	7.4	13	-	63	<0.1	11	31	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB77	SB77_2.8-3.0	E	29-May-23	995383	24	14	23	12	-	150	<0.1	18	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	4.4	<0.4	15	12	-	17	<0.1	8.4	36	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB171	SB171_1.3-1.5	E	29-May-23	995383	6	<0.4	11	12	-	15	<0.1	11	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	12	0.9	<5	29	-	33	<0.1	8.9	13	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB172	SB172_0-0.2	E	29-May-23	995383	3.9	<0.4	12	11	-	14	<0.1	7.2	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	<2	<0.4	6.8	11	-	<5	<0.1	9	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	7.4	2.7	7.4	19	-	38	<0.1	6.8	62	<20	24	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB79	SB79_0.3-0.5	F	29-May-23	995383	5.6	1.2	9.9	11	-	410	<0.1	9.3	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	4.5	<0.4	14	6.9	-	5.6	<0.1	6.5	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	2.6	<0.4	7.7	5.3	-	6.3	<0.1	<5	27	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB84	SB84_0.6-0.7	F	29-May-23	995383	5.3	<0.4	16	11	-	15	<0.1	8.4	30	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB87	SB87_0-0.2	F	29-May-23	995383	5.1	<0.4	13	10	-	17	<0.1	7	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	3.2	<0.4	10	5.6	-	5.7	<0.1	<5	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	20	0.7	17	24	-	33	<0.1	14	130	<20	<20	<50	<50	58	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB89	SB89_0.7-1.0	F	26-May-23	994339	7	<0.4	35	18	-	10	<0.1	16	29	<20	<20	<50	<50	58	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB95	SB95_0.9-1.0	F	30-May-23	995189	16	0.5	46	43	-	66	0.8	22	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	7.8	<0.4	28	16	-	21	0.1	14	43	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB106	SB106_0.0-0.2	F	29-May-23	995383	4.2	<0.4	10	11	-	21	<0.1	5.7	30	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB106	SB106_2.1-2.3	F	29-May-23	995383	<2	<0.4	<5	<5	1100	<5	<0.1	<5	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	6.5	<0.4	17	13	-	23	<0.1	9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	2.8	<0.4	9.6	23	-	9.9	<0.1	6.6	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	<2	0.4	5.4	<5	-	11	<0.1	<5	45	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	3.2	<0.4	6.6	20	-	5.4	<0.1	12	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	6.5	<0.4	47	21	-	9.4	<0.1	20	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	11	<0.4	18	12	-	14	<0.1	10	45	<20	<20	<50	<50	58	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	6.5	<0.4	15	9.7	-	8.9	<0.1	7.6	25	<20	<20	<50	<50	56	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB108	SB108_0.0-0.2	G	30-May-23	995189	8.1	<0.4	17	14	-	16	<0.1	10	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
NEPC (2013) HILs: Commercial					3000	900	3600	240000		1500	730	6000	400000																			
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																								260	NL	3	NL	NL			230	
1-2m																								370	NL	3	NL	NL			NL	
2-4m																								630	NL	3	NL	NL			NL	
>4m																								NL	NL	3	NL	NL			NL	
NEPC (2013) Management Limits: Commercial, Coarse																			700	1000	3500	10000										
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)					160		360	300		1800		670	980																			
NEPC (2013) ESLs: Commercial, Coarse																					1700	3300		215	170	75	135	165			180	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB108	SB108_0.8-1.0	G	30-May-23	995189	12	<0.4	9	14	-	24	<0.1	8.2	94	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB108	SB108_2.1-2.3	G	30-May-23	995189	120	18	16	12	-	200	<0.1	23	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	25	9.4	50	24	-	120	<0.1	30	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	7.2	<0.4	15	10	-	7.5	<0.1	8.3	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	4.6	<0.4	13	8.3	-	11	<0.1	6.2	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	5.2	<0.4	14	12	-	21	<0.1	8.5	34	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB91	SB91_0.6-0.8	H	30-May-23	995189	5.1	<0.4	18	14	-	19	<0.1	11	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	4	<0.4	23	12	-	12	<0.1	12	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	4.8	<0.4	11	11	-	20	<0.1	7.6	54	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB110	SB110_2.1-2.3	H	30-May-23	995189	21	14	15	21	-	280	<0.1	13	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	5.4	<0.4	14	8	-	7.3	<0.1	7.4	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	6.4	<0.4	13	12	-	6.6	<0.1	16	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	19	0.6	22	31	-	43	<0.1	15	180	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB174	SB174_1.7-1.9	I	30-May-23	995189	3.9	1	6.3	15	-	34	<0.1	7.3	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	3400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	3.5	<0.4	9.5	5.3	-	5	<0.1	<5	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	10	<0.4	22	14	-	27	0.2	12	64	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB113	SB113_2.3-2.5	J	30-May-23	995189	4.2	<0.4	<5	11	-	25	<0.1	6.6	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	-	-	-	-	-	-	<0.5
SB97	SB97_0.7-1.0	K	30-May-23	995189	7.2	<0.4	22	19	-	45	0.3	10	77	<20	28	430	140	598	<20	140	480	<100	620	<20	140	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB98	SB98_0.4-0.6	K	30-May-23	995189	6	<0.4	15	12	-	22	<0.1	8.3	48	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB114	SB114_0.0-0.2	K	30-May-23	995189	7.2	<0.4	18	15	-	24	0.1	10	39	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	3.2	<0.4	12	20	-	6.5	<0.1	18	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	4.5	<0.4	12	12	-	12	<0.1	6.8	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	5.6	<0.4	16	15	-	15	<0.1	10	36	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	3	<0.4	5.8	26	-	14	0.1	10	23	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB112	SB112_1.9-2.2	L	30-May-23	995189	<2	<0.4	8.8	28	-	9.1	<0.1	9.1	5.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	2.1	0.6	<5	13	-	31	<0.1	6.4	7.3	<20	26	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
NEPC (2013) HILs: Commercial					3000	900	3600	240000		1500	730	6000	400000																				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																								260	NL	3	NL	NL			230	
1-2m																								370	NL	3	NL	NL			NL	
2-4m																								630	NL	3	NL	NL			NL	
>4m																								NL	NL	3	NL	NL			NL	
NEPC (2013) Management Limits: Commercial, Coarse																			700	1000	3500	10000										
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)					160		360	300		1800		670	980																			
NEPC (2013) ESLs: Commercial, Coarse																					1700	3300		215	170	75	135	165			180	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB132	SB132_2.7-3.0	N	30-May-23	995189	7.4	<0.4	6.7	13	-	6.5	<0.1	<5	7.7	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB115	SB115_0.0-0.2	O	31-May-23	996096	4	<0.4	7	15	-	8.1	<0.1	7.5	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	5.8	<0.4	13	10	-	9.4	<0.1	11	20	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB125	SB125_2.4-2.6	O	30-May-23	995189	<2	<0.4	<5	16	-	<5	<0.1	<5	<5	<20	20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	4.9	<0.4	14	9.6	-	14	<0.1	8.1	32	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	<2	<0.4	<5	10	-	<5	<0.1	11	<5	<20	<20	<50	52	52	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB131	SB131_2.8-3.0	P	30-May-23	995189	3.9	<0.4	38	19	-	24	<0.1	17	36	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB133	SB133_0.6-0.8	Q	30-May-23	995189	8.6	0.7	8.5	44	-	65	<0.1	7.9	110	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB133	SB133_2.3-2.5	Q	30-May-23	995189	3	0.7	<5	8.6	-	26	<0.1	5.3	14	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	3	<0.4	8.8	5.5	-	<5	<0.1	<5	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	5.7	<0.4	10	7.1	-	6.7	<0.1	6.1	16	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB118	SB118_0.0-0.2	S	31-May-23	996096	3.1	<0.4	16	20	-	8.1	<0.1	11	40	<20	<20	80	190	270	<20	<50	210	180	390	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB118	SB118_0.3-0.6	S	31-May-23	996096	2.9	<0.4	9.5	5.1	-	<5	<0.1	<5	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	3.7	<0.4	15	7.1	-	<5	<0.1	6.4	11	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB127	SB127_2.3-2.5	S	31-May-23	996096	18	34	11	17	-	2700	<0.1	18	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	7.5	1	14	19	-	83	<0.1	17	65	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB128	SB128_0.0-0.2	T	31-May-23	996096	9	<0.4	26	26	-	5.4	<0.1	15	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	3.3	<0.4	7	5.8	-	6.7	<0.1	<5	19	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB128	SB128_1.7-2.0	T	31-May-23	996096	3.3	<0.4	9.8	7.5	-	9.3	<0.1	5.6	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	2.8	<0.4	11	16	-	7.8	<0.1	6.7	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	7.4	<0.4	21	13	-	20	<0.1	11	46	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	37	11	21	27	-	270	0.3	29	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	5	<0.4	29	18	-	23	<0.1	14	58	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB165	SB165_0.7-1.0	W	30-May-23	995189	2.9	<0.4	12	8.4	-	<5	<0.1	9.6	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	12	<0.4	26	12	-	18	<0.1	14	39	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PAH																		Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPC (2013) HILs: Commercial										40	40	40											4000							45
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																					NL									
0-1m																					NL									
1-2m																					NL									
2-4m																					NL									
>4m																														
NEPC (2013) Management Limits: Commercial, Coarse																														
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																														
NEPC (2013) EILs: Commercial (site specific)																					370									
NEPC (2013) ESLs: Commercial, Coarse					1.4																									
PFAS NEMP 2020 Table 3 Interim EDE All land uses																														
PFAS NEMP 2020 Table 3 Interim EIE All land uses																														
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																														
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																														
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																										
SB01	SB01_0.0-0.2	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB09	SB09_0.0-0.2	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB12	SB12_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0.0-0.4	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB14	SB14_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	<0.5	<0.5	<0.5	0.5	0.6	1.3	1	0.7	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0.9	<0.5	<0.5	<0.5	0.8	3.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PAH																		Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPC (2013) HILs: Commercial										40	40	40											4000								45
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																					NL										
0-1m																					NL										
1-2m																					NL										
2-4m																					NL										
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																					370										
NEPC (2013) ESLs: Commercial, Coarse					1.4																										
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB28	SB28_0.0-0.3	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB31	SB31_0.2-0.5	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB34	SB34_0.3-0.5	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB50	SB50_1.7-2.0	A	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PAH																		Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPC (2013) HILs: Commercial										40	40	40											4000							45
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																					NL									
0-1m																					NL									
1-2m																					NL									
2-4m																					NL									
>4m																														
NEPC (2013) Management Limits: Commercial, Coarse																														
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																														
NEPC (2013) EILs: Commercial (site specific)																					370									
NEPC (2013) ESLs: Commercial, Coarse					1.4																									
PFAS NEMP 2020 Table 3 Interim EDE All land uses																														
PFAS NEMP 2020 Table 3 Interim EIE All land uses																														
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																														
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																														
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																										
SB52	SB52_0.0-0.2	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB66	SB66_0.4-0.7	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PAH																		Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPC (2013) HILs: Commercial										40	40	40											4000							45
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																					NL									
0-1m																					NL									
1-2m																					NL									
2-4m																					NL									
>4m																														
NEPC (2013) Management Limits: Commercial, Coarse																														
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																														
NEPC (2013) EILs: Commercial (site specific)																					370									
NEPC (2013) ESLs: Commercial, Coarse					1.4																									
PFAS NEMP 2020 Table 3 Interim EDE All land uses																														
PFAS NEMP 2020 Table 3 Interim EIE All land uses																														
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																														
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																														
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																										
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB89	SB89_0.7-1.0	F	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PAH																	Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPC (2013) HILs: Commercial										40	40	40											4000							45
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																					NL									
0-1m																					NL									
1-2m																					NL									
2-4m																					NL									
>4m																														
NEPC (2013) Management Limits: Commercial, Coarse																														
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																														
NEPC (2013) EILs: Commercial (site specific)																					370									
NEPC (2013) ESLs: Commercial, Coarse					1.4																									
PFAS NEMP 2020 Table 3 Interim EDE All land uses																														
PFAS NEMP 2020 Table 3 Interim EIE All land uses																														
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																														
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																														
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																										
SB108	SB108_0.8-1.0	G	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	1	1	3.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB98	SB98_0.4-0.6	K	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	0.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PAH																		Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05
NEPC (2013) HILs: Commercial										40	40	40											4000							45
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																					NL									
0-1m																					NL									
1-2m																					NL									
2-4m																					NL									
>4m																														
NEPC (2013) Management Limits: Commercial, Coarse																														
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																														
NEPC (2013) EILs: Commercial (site specific)																					370									
NEPC (2013) ESLs: Commercial, Coarse					1.4																									
PFAS NEMP 2020 Table 3 Interim EDE All land uses																														
PFAS NEMP 2020 Table 3 Interim EIE All land uses																														
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																														
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																														
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																										
SB132	SB132_2.7-3.0	N	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB133	SB133_2.3-2.5	Q	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	30-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)														Organophosphorus Pesticides														
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPC (2013) HILs: Commercial					530			3600				100			50		2500	160				2000										
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)						640																										
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB14	SB14_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)														Organophosphorus Pesticides														
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPC (2013) HILs: Commercial					530			3600				100			50		2500	160				2000										
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)						640																										
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB28	SB28_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)														Organophosphorus Pesticides													
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPC (2013) HILs: Commercial					530			3600				100			50		2500	160				2000										
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)						640																										
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB52	SB52_0.0-0.2	A	25-May-23	993441	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB66	SB66_0.9-1.0	E	26-May-23	994339	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)														Organophosphorus Pesticides														
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPC (2013) HILs: Commercial					530			3600				100			50		2500	160				2000										
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)						640																										
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB89	SB89_0.7-1.0	F	26-May-23	994339	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)													Organophosphorus Pesticides													
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPC (2013) HILs: Commercial					530			3600				100			50		2500	160				2000										
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)						640																										
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB108	SB108_0.8-1.0	G	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)														Organophosphorus Pesticides														
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
NEPC (2013) HILs: Commercial					530			3600				100			50		2500	160				2000										
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)						640																										
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	30-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organophosphorus Pesticides (cont.)																			Chlorinated Alkanes							
					Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB14	SB14_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organophosphorus Pesticides (cont.)																			Chlorinated Alkanes							
					Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
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NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB28	SB28_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organophosphorus Pesticides (cont.)																			Chlorinated Alkanes							
					Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB52	SB52_0.0-0.2	A	25-May-23	993441	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organophosphorus Pesticides (cont.)																			Chlorinated Alkanes							
					Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB89	SB89_0.7-1.0	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organophosphorus Pesticides (cont.)																			Chlorinated Alkanes							
					Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB108	SB108_0.8-1.0	G	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organophosphorus Pesticides (cont.)																			Chlorinated Alkanes							
					Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	30-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes (cont.)								Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
					1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPC (2013) HILs: Commercial																															7
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB14	SB14_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes (cont.)								Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
					1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPC (2013) HILs: Commercial																															7
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	Field ID	CT	Sample Date	Lab Report																											
SB28	SB28_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes (cont.)								Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
					1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPC (2013) HILs: Commercial																															7
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB52	SB52_0.0-0.2	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes (cont.)								Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
					1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPC (2013) HILs: Commercial																															7
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB89	SB89_0.7-1.0	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes (cont.)								Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
					1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPC (2013) HILs: Commercial																															7
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB108	SB108_0.8-1.0	G	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes (cont.)								Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
					1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
NEPC (2013) HILs: Commercial																															7
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	30-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																										
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial									50																20		20					
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses									10																		1					
PFAS NEMP 2020 Table 3 Interim EIE All land uses																											0.01					
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB08	SB08_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.0-0.2	A	22-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB16	SB16_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																										
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H:1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H:1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H:1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
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NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial									50																20		20					
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses									10																		1					
PFAS NEMP 2020 Table 3 Interim EIE All land uses																											0.01					
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB28	SB28_0.0-0.3	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB51	SB51_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																										
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial									50																20		20					
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses									10																		1					
PFAS NEMP 2020 Table 3 Interim EIE All land uses																											0.01					
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB52	SB52_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB75	SB75_1.7-1.8	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																										
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H:1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H:1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H:1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
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NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial									50																20		20					
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses									10																		1					
PFAS NEMP 2020 Table 3 Interim EIE All land uses																											0.01					
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB72	SB72_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB89	SB89_0.5-0.7	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.7-1.0	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB111	SB111_1.4-1.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_0.0-0.2	F	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB108	SB108_0.0-0.2	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																										
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H:1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H:1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H:1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial									50																20		20					
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses									10																		1					
PFAS NEMP 2020 Table 3 Interim EIE All land uses																											0.01					
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB108	SB108_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB174	SB174_1.3-1.5	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB113	SB113_0.8-1.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB105	SB105_0.3-0.5	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																										
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H:1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H:1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H:1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial									50																20		20					
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses									10																		1					
PFAS NEMP 2020 Table 3 Interim EIE All land uses																											0.01					
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB131	SB131_1.3-1.5	P	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	30-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB127	SB127_0.4-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.0-0.2	T	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB128	SB128_0.2-0.5	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																												80					
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																	
0-1m																																	
1-2m																																	
2-4m																																	
>4m																																	
NEPC (2013) Management Limits: Commercial, Coarse																																	
PFAS NEMP 2020 Table 2 Health Industrial/Commercial						20																											
NEPC (2013) EILs: Commercial (site specific)																																	
NEPC (2013) ESLs: Commercial, Coarse																																	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																	
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																	
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																	
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																	
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																													
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-
SB14	SB14_0.0-0.2	A	22-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-
SB26	SB26_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																												80				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial						20																										
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB28	SB28_0.0-0.3	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																												80				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial						20																										
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB52	SB52_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																												80				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial						20																										
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
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SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB89	SB89_0.7-1.0	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB173	SB173_0.0-0.2	F	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																												80				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial						20																										
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB108	SB108_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.5	0.5	0.5	0.5
NEPC (2013) HILs: Commercial																												80				
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial						20																										
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB128	SB128_0.0-0.2	T	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																				
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
NEPC (2013) HILs: Commercial																																	
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																	
0-1m																																	
1-2m																																	
2-4m																																	
>4m																																	
NEPC (2013) Management Limits: Commercial, Coarse																																	
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																	
NEPC (2013) EILs: Commercial (site specific)																																	
NEPC (2013) ESLs: Commercial, Coarse																																	
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																	
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																	
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																18	0.03																
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																36	0.06																
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																62	0.1																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																													
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	1700	0.61	<1	<10	<0.02	0.15	8.9	0.76	<2	<2	<2	8.5	2.7	2.3	0.7	1200	570	93	1.5	3.2
SB08	SB08_0.7-1.0	A	25-May-23	993441	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.0-0.2	A	22-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	3500	0.053	<1	<10	<0.02	0.12	9.3	0.17	<2	<2	<2	8.7	5.6	5.9	0.6	2900	490	75	1.5	6.1
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	3900	0.009	<1	<10	<0.02	0.021	9.6	0.03	<2	<2	<2	8.4	6.2	7.1	0.36	3500	300	13	1.5	7.2
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	3600	0.097	<1	<10	<0.02	0.033	9.2	0.13	<2	<2	<2	8.5	5.7	5.7	0.73	2900	600	21	1.5	6
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																			
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																18	0.03															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																36	0.06															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																62	0.1															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB28	SB28_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	5000	0.21	<1	<10	<0.02	0.075	9.2	0.29	<2	<2	<2	9	8	8.8	0.5	4400	420	47	1.5	9.2
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	3500	0.22	<1	<10	<0.02	0.11	9.3	0.34	<2	<2	<2	8.6	5.6	6.1	0.44	3000	360	71	1.5	6.4
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	4000	0.091	<1	<10	<0.02	0.05	9.6	0.14	<2	<2	<2	8.1	6.4	7.4	0.33	3700	270	31	1.5	7.6
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	3000	0.18	<1	<10	<0.02	0.24	9.3	0.42	<2	<2	<2	8.6	4.8	5.5	0.4	2700	330	150	1.5	5.8
SB37	SB37_0.4-0.6	A	23-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	3700	0.22	<1	<10	<0.02	0.26	9.2	0.48	<2	<2	<2	8.3	5.9	6.6	0.5	3300	410	160	1.5	6.9
SB39	SB39_0.3-0.5	A	23-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	2000	0.31	<1	<10	<0.02	0.41	9.1	0.72	<2	<2	<2	8.3	3.2	4.1	0.2	2000	170	250	1.5	4.5
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	2400	0.25	<1	<10	<0.02	0.29	9	0.54	<2	<2	<2	8.6	3.8	3.8	0.71	1900	590	180	1.5	4.2
SB51	SB51_0.2-0.4	A	25-May-23	993441	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																			
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
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NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																18	0.03															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																36	0.06															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																62	0.1															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB52	SB52_0.0-0.2	A	25-May-23	993441	<750	<500	<1000	<500	<1250	<500	<1.25	<5	2000	0.23	<1	<10	<0.02	0.32	9	0.55	<2	<2	<2	8.6	3.2	3.6	0.44	1800	360	200	1.5	4
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	5200	0.13	<1	<10	<0.02	0.06	9.7	0.19	<2	<2	<2	8.6	8.3	9.6	0.37	4800	310	37	1.5	10
SB58	SB58_0-0.2	B	26-May-23	994339	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	4000	0.12	<1	<10	<0.02	0.078	9.3	0.2	<2	<2	<2	8.6	6.5	6.8	0.29	3400	240	49	1.5	7.1
SB74	SB74_1.3-1.5	B	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	-	-	-	-	-	-	-	-	4000	0.13	<1	<10	<0.02	0.067	9.4	0.19	<2	<2	<2	8.2	6.5	7.2	0.3	3600	240	42	1.5	7.5
SB75	SB75_1.7-1.8	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.5-0.6	D	25-May-23	993964	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	2200	0.065	<1	<10	<0.02	0.044	9.3	0.11	<2	<2	<2	8.6	3.5	3.8	0.21	1900	180	27	1.5	4.1
SB76	SB76_0.0-0.2	D	29-May-23	995383	-	-	-	-	-	-	-	-	3200	0.094	<1	<10	<0.02	0.053	9.3	0.15	<2	<2	<2	8.6	5.1	5.5	0.25	2700	200	33	1.5	5.7
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																		
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																18	0.03														
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																36	0.06														
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																62	0.1														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	4300	0.21	<1	<10	<0.02	0.078	11	0.29	<2	<2	<2	9	6.8	7.7	0.23	3800	190	49	1.5	8.4
SB69	SB69_0-0.2	E	26-May-23	994339	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	5000	0.16	<1	<10	<0.02	0.077	9.3	0.24	<2	<2	<2	7.9	8.1	9	0.34	4500	280	48	1.5	9.5
SB77	SB77_0.0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	4700	0.11	<1	<10	<0.02	0.077	11	0.18	<2	<2	<2	8.5	7.5	7.9	0.27	3900	230	48	1.5	8.3
SB171	SB171_1.3-1.5	E	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	3500	0.13	<1	<10	<0.02	0.076	10	0.21	<2	<2	<2	8.5	5.5	6.1	0.3	3000	250	48	1.5	6.4
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.7-1.0	F	26-May-23	994339	-	-	-	-	-	-	-	-	1600	0.07	<1	<10	<0.02	0.025	9.3	0.096	<2	<2	<2	8.5	2.6	2.4	0.15	1200	120	16	1.5	2.6
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	2700	0.19	<1	<10	<0.02	0.58	8.9	0.77	<2	<2	<2	7	4.4	5.7	0.32	2800	260	360	1.5	6.1
SB107	SB107_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	4600	0.075	<1	<10	<0.02	0.062	9.4	0.14	<2	<2	<2	8.7	7.4	9.7	0.34	4800	280	39	1.5	10
SB107	SB107_2.2-2.4	F	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	4500	0.15	<1	<10	<0.02	0.077	9.3	0.22	<2	<2	<2	8.2	7.3	7.6	0.3	3800	250	48	1.5	7.9
SB111	SB111_1.4-1.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	4000	0.12	<1	<10	<0.02	0.085	9.9	0.21	<2	<2	<2	8.6	6.4	6.9	0.29	3400	240	53	1.5	7.2
SB173	SB173_1.8-2.0	F	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	5700	0.21	<1	<10	<0.02	0.14	9.2	0.35	<2	<2	<2	8.4	9.1	10	0.36	5100	290	84	1.5	11
SB94	SB94_0-0.2	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	2500	0.1	<1	<10	<0.02	0.038	9.2	0.14	<2	<2	<2	8.4	3.9	4.9	0.23	2500	190	24	1.5	5.2

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																			
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
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NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																18	0.03															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																36	0.06															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																62	0.1															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB108	SB108_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	3600	0.037	<1	<10	<0.02	0.041	9.4	0.078	<2	<2	<2	8.6	5.7	7.7	0.3	3900	250	25	1.5	7.9
SB109	SB109_0.8-1.0	G	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	7600	0.24	<1	<10	<0.02	0.011	11	0.25	<2	<2	<2	8.7	12	16	0.18	7800	150	6.9	1.5	16
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	4200	0.016	<1	<10	<0.02	0.036	9.4	0.052	<2	<2	<2	8.2	6.7	9.2	0.37	4600	310	23	1.5	9.4
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	3400	0.1	<1	<10	<0.02	0.05	9.4	0.15	<2	<2	<2	8.9	5.4	5.7	0.21	2900	170	31	1.5	6
SB174	SB174_1.3-1.5	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.7-1.9	I	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	16,000	0.16	<1	<10	<0.02	0.047	12	0.2	<2	<2	<2	12	25	27	0.14	13,000	110	29	1.5	28
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.3-0.5	K	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	15,000	0.12	<1	<10	<0.02	0.034	12	0.15	<2	<2	<2	12	24	26	0.15	13,000	120	21	1.5	27
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	16,000	0.14	<1	<10	<0.02	0.043	12	0.18	<2	<2	<2	11	25	27	0.22	13,000	180	27	1.5	29
SB112	SB112_1.5-1.8	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	17,000	0.12	<1	<10	<0.02	<0.005	12	0.12	<2	<2	<2	12	27	37	0.094	18,000	77	<2	1.5	38
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	2700	0.089	<1	<10	<0.02	0.25	9.2	0.34	<2	<2	<2	8.1	4.3	6.2	0.23	3100	190	160	1.5	6.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																			
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
NEPC (2013) HILs: Commercial																																
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																																
0-1m																																
1-2m																																
2-4m																																
>4m																																
NEPC (2013) Management Limits: Commercial, Coarse																																
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																																
NEPC (2013) EILs: Commercial (site specific)																																
NEPC (2013) ESLs: Commercial, Coarse																																
PFAS NEMP 2020 Table 3 Interim EDE All land uses																																
PFAS NEMP 2020 Table 3 Interim EIE All land uses																																
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																18	0.03															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																36	0.06															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																62	0.1															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB132	SB132_2.7-3.0	N	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	13,000	0.34	<1	<10	<0.02	0.069	12	0.41	<2	<2	<2	10	21	28	0.29	14,000	240	43	1.5	29
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	12,000	0.27	<1	<10	<0.02	0.065	13	0.33	<2	<2	<2	12	19	24	0.16	12,000	130	40	1.5	26
SB133	SB133_0.6-0.8	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	13,000	0.17	<1	<10	<0.02	0.047	13	0.22	<2	<2	<2	12	21	26	0.16	13,000	130	30	1.5	29
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	2700	0.027	<1	<10	<0.02	0.02	9.6	0.047	<2	<2	<2	8	4.3	4.9	0.27	2500	220	12	1.5	5.1
SB126	SB126_0.8-1.1	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.3-0.6	S	31-May-23	996096	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.3-2.5	S	31-May-23	996096	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	16,000	0.15	<1	<10	<0.02	0.043	12	0.19	<2	<2	<2	11	26	28	0.26	14,000	210	27	1.5	30
SB120	SB120_0.5-0.7	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	5600	0.35	<1	<10	<0.02	0.06	12	0.41	<2	<2	<2	8.9	9	9.3	0.23	4600	190	38	1.5	10
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	10,000	0.096	<1	<10	<0.02	0.11	9.7	0.2	<2	<2	<2	8.5	17	22	0.41	11,000	340	66	1.5	22
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils (cont.)											Sulfur Comp	EIL Site Specific Calculation											Other			
					KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity		Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
					%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S		mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL					0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02		0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	7.9	-	-	-	-	-	-	-	-	5.5	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	8.1	-	-	-	-	-	-	-	-	2.9	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	23	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	41	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	0.85	0.28	0.98	0.92	<0.003	<0.02	8.4	2	1.9	<0.02		-	-	-	-	-	-	-	-	-	-	120	<0.005	-	26	100	<0.1	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	8.5	<0.5	<0.5	<0.1	<0.1	-	-	-	-	24	-	-	-
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	23	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	6.5	-	-	<0.1	<0.1	-	-	-	-	7.4	-	-	-
SB14	SB14_0.0-0.2	A	22-May-23	992922	0.24	0.047	0.65	0.79	<0.003	<0.02	18	2	4.7	<0.02		-	-	-	-	-	-	-	-	-	-	190	43	-	8.9	81	19	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	7.8	-	-	-	-	-	-	-	-	15	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	13	-	-	-
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	6.3	-	-	-
SB18	SB18_0.7-1.0	A	23-May-23	992922	0.16	0.028	0.39	0.48	<0.003	<0.02	19	2	5.7	<0.02		-	-	-	-	-	-	-	-	-	-	140	<0.005	-	7.9	100	<0.1	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	8.2	-	-	-	-	-	-	-	-	14	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	9.1	-	-	-	-	-	-	-	-	11	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	8	-	-	-	-	-	-	-	-	9.9	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	14	-	-	-
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	9	-	-	-	-	-	-	-	-	10	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	0.25	0.078	0.81	0.96	<0.003	<0.02	18	2	4.6	<0.02		-	-	-	-	-	-	-	-	-	-	230	1.4	-	13	99	0.6	-
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils (cont.)											Sulfur Comp	EIL Site Specific Calculation											Other			
					KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity		Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
					%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S		mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL					0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02		0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB28	SB28_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	7.6	-	-	-	-	-	-	-	-	11	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	0.35	0.07	0.58	0.67	<0.003	<0.02	25	2	7	<0.02		-	-	-	-	-	-	-	<0.1	<0.1	-	190	21	-	15	90	10	-
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	8.6	-	-	-	-	-	-	-	-	13	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	20	-	-	-
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	7.2	<0.5	<0.5	-	-	-	-	-	-	11	-	-	-
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	0.36	0.087	0.53	0.58	<0.003	<0.02	18	2	4.9	<0.02		<0.5	-	-	-	8.9	<0.5	<0.5	-	-	-	130	3.7	-	13	97	2.8	-
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	12	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	0.24	0.065	0.39	0.43	<0.003	<0.02	20	2	5.9	<0.02		<0.5	-	-	-	-	<0.5	<0.5	-	-	-	170	<0.005	-	12	100	<0.1	-
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	0.33	0.09	0.49	0.53	<0.003	<0.02	15	2	4.4	<0.02		<0.5	-	-	-	-	<0.5	<0.5	-	-	-	150	<0.005	-	19	100	<0.1	-
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	0.29	0.16	0.66	0.66	<0.003	<0.02	18	2	5.3	<0.02		<0.5	-	-	-	-	<0.5	<0.5	-	-	-	200	<0.005	-	21	100	<0.1	-
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	0.47	0.23	0.43	0.27	<0.003	<0.02	10	2	3.2	<0.02		<0.5	-	-	-	-	<0.5	<0.5	-	-	-	190	<0.005	-	27	100	<0.1	-
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	7.9	<0.5	<0.5	<0.1	<0.1	-	-	-	-	25	-	-	-
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	15	-	-	-
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	0.44	0.18	0.9	0.94	<0.003	<0.02	12	2	3	<0.02		-	-	-	-	-	-	-	-	-	-	120	<0.005	-	21	100	<0.1	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	8.4	<0.5	<0.5	<0.1	<0.1	-	-	-	-	39	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils (cont.)											Sulfur Comp	EIL Site Specific Calculation											Other			
					KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity		Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
					%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S		mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL					0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02		0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB52	SB52_0.0-0.2	A	25-May-23	993441	0.44	0.18	0.62	0.58	<0.003	<0.02	10	2	2.9	<0.02		<0.5	-	-	-	7.7	<0.5	<0.5	<0.1	<0.1	-	140	<0.005	-	25	100	<0.1	-
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	45	5600	9.5	-	-	-	-	-	10	-	-	0.7	24	-	-	1.6
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	8.3	<0.5	<0.5	-	-	-	-	-	-	14	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	29	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	8.4	-	-	-	-	-	-	-	-	13	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	0.44	0.038	0.41	0.49	<0.003	<0.02	26	2	7.7	<0.02		-	-	-	-	-	-	-	-	-	-	120	4.6	-	13	96	3.8	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	0.29	0.03	0.32	0.38	<0.003	<0.02	20	2	5.4	<0.02		<0.5	-	-	-	8.4	<0.5	<0.5	<0.1	<0.1	-	170	4.3	-	11	98	2.5	-
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	8.1	-	-	-	-	-	-	-	-	11	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	12	-	-	-
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	0.29	0.021	0.32	0.39	<0.003	<0.02	20	2	5.8	<0.02		-	-	-	-	-	-	-	-	-	-	190	2.9	-	12	99	1.5	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	13	<0.5	<0.5	<0.1	<0.1	-	-	-	-	22	-	-	-
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	7.6	<0.5	<0.5	<0.1	<0.1	-	-	-	-	11	-	-	-
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	8.5	-	-	-	-	-	-	-	-	11	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	0.26	0.03	0.24	0.28	<0.003	<0.02	11	2	3	<0.02		-	-	-	-	-	-	-	-	-	-	120	<0.005	-	12	100	<0.1	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	0.26	0.04	0.29	0.33	<0.003	<0.02	16	2	4.4	<0.02		-	-	-	-	-	-	-	-	-	-	170	1	-	12	99	0.6	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-		-	-	-	-	13	-	-	<0.1	<0.1	-	-	-	-	31	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	8.8	<0.5	<0.5	<0.1	<0.1	-	-	-	-	11	-	-	-
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	12	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils (cont.)										Sulfur Comp	EIL Site Specific Calculation											Other			
					KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity	Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
					%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL					0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02	0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
NEPC (2013) HILs: Commercial																														
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																														
0-1m																														
1-2m																														
2-4m																														
>4m																														
NEPC (2013) Management Limits: Commercial, Coarse																														
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																														
NEPC (2013) EILs: Commercial (site specific)																														
NEPC (2013) ESLs: Commercial, Coarse																														
PFAS NEMP 2020 Table 3 Interim EDE All land uses																														
PFAS NEMP 2020 Table 3 Interim EIE All land uses																														
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																														
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																														
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																										
SB68	SB68_0.8-1.0	E	26-May-23	994339	0.72	<0.005	0.23	0.3	<0.003	<0.02	21	2	6.1	<0.02	-	-	-	-	-	-	-	-	-	-	95	13	-	14	88	12	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8.8	<0.5	<0.5	<0.1	<0.1	-	-	-	-	11	-	-	-
SB72	SB72_0.7-1.0	E	26-May-23	994339	0.47	0.075	0.41	0.44	<0.003	<0.02	25	2	7.2	<0.02	-	-	-	-	-	-	-	-	-	-	82	8.6	-	22	91	9.5	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	16	-	-	-
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	31	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	45	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	0.36	<0.005	0.27	0.36	<0.003	<0.02	23	2	6.3	<0.02	-	-	-	-	-	-	-	-	-	-	120	35	-	13	77	23	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	0.34	0.006	0.3	0.39	<0.003	<0.02	17	2	4.9	<0.02	-	-	-	-	-	-	-	-	-	-	200	33	-	16	86	14	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	13	<0.5	<0.5	<0.1	<0.1	-	-	-	-	28	-	-	-
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8	<0.5	<0.5	<0.1	<0.1	-	-	-	-	17	-	-	-
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8.2	<0.5	<0.5	<0.1	<0.1	-	-	-	-	14	-	-	-
SB89	SB89_0.7-1.0	F	26-May-23	994339	0.27	0.043	0.19	0.2	<0.003	<0.02	8.1	2	1.9	<0.02	-	-	-	-	-	-	-	<0.1	<0.1	-	220	4.8	-	14	98	2.1	-
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	0.4	0.24	0.56	0.42	<0.003	<0.02	14	2	4.6	<0.02	-	44	11,000	7.9	-	-	-	-	-	5.9	59	<0.005	7	40	100	<0.1	0.11
SB107	SB107_0.0-0.2	F	30-May-23	995189	0.26	0.029	0.37	0.45	<0.003	<0.02	23	2	7.8	<0.02	-	-	-	-	-	-	-	-	-	-	150	8.2	-	15	95	5.1	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	0.32	0.035	0.34	0.4	<0.003	<0.02	23	2	6.1	<0.02	-	-	-	-	-	-	-	-	-	-	130	3.9	-	19	97	3	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	11	<0.5	<0.5	<0.1	<0.1	-	-	-	-	24	-	-	-
SB173	SB173_0.0-0.2	F	30-May-23	995189	0.3	0.027	0.32	0.38	<0.003	<0.02	20	2	5.5	<0.02	-	-	-	-	-	-	-	-	-	-	120	27	-	14	81	19	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8	<0.5	<0.5	<0.1	<0.1	-	-	-	-	14	-	-	-
SB94	SB94_0.8-1.0	G	26-May-23	994339	0.44	0.055	0.41	0.47	<0.003	<0.02	28	2	8.3	<0.02	-	-	-	-	-	-	-	-	-	-	120	38	-	15	75	25	-
SB94	SB94_0-0.2	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	0.27	0.059	0.29	0.3	<0.003	<0.02	12	2	4	<0.02	-	-	-	-	-	-	-	-	-	-	19	5.3	-	16	78	22	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils (cont.)											Sulfur Comp	EIL Site Specific Calculation											Other			
					KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity		Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
					%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S		mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL					0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02		0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB108	SB108_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	12	-	-	-
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	41	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	0.21	0.039	0.34	0.4	<0.003	<0.02	18	2	6.2	<0.02		-	-	-	-	-	-	-	-	-	-	160	6.1	-	13	96	3.8	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	13	-	-	-
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	0.24	<0.005	0.18	0.24	<0.003	<0.02	38	2	13	<0.02		-	-	-	-	-	-	-	-	-	130	<0.005	-	27	100	<0.1	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	0.2	0.032	0.41	0.49	<0.003	<0.02	21	2	7.3	<0.02		-	-	-	-	-	-	-	-	-	140	1.8	-	11	99	1.3	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	0.26	0.027	0.24	0.28	<0.003	<0.02	17	2	4.6	<0.02		-	-	-	-	-	-	-	-	-	160	3.9	-	14	98	2.5	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	13	-	-	-
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	130	8600	12	-	-	-	-	-	11	-	-	13	60	-	-	0.34
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	13	-	-	-
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	1.1	<0.005	0.14	0.18	<0.003	<0.02	79	2	21	<0.02		-	-	-	-	-	-	-	-	-	140	<0.005	-	33	100	<0.1	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	19	-	-	-
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	17	-	-	-
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	0.75	<0.005	0.15	0.2	<0.003	<0.02	75	2	21	<0.02		-	-	-	-	-	-	-	-	-	150	<0.005	-	33	100	<0.1	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	8.1	-	-	-	-	-	-	-	-	13	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	9	<0.5	<0.5	<0.1	<0.1	-	-	-	-	8.2	-	-	-
SB105	SB105_0.7-1.0	L	31-May-23	996096	2.1	<0.005	0.22	0.29	<0.003	<0.02	78	2	22	<0.02		-	-	-	-	-	-	-	-	-	170	28	-	16	85	15	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	25	-	-	-
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	1	<0.005	0.094	0.12	<0.003	<0.02	85	2	29	<0.02		-	-	-	-	-	-	-	-	-	140	<0.005	-	28	100	<0.1	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	0.26	0.037	0.27	0.31	<0.003	<0.02	14	2	5	<0.02		-	-	-	-	-	-	-	-	-	150	11	-	15	93	7.2	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS CRITERIA FOR COMMERCIAL / INDUSTRIAL LANDUSE
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils (cont.)											Sulfur Comp	EIL Site Specific Calculation											Other			
					KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity		Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
					%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S		mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL					0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02		0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
NEPC (2013) HILs: Commercial																															
NEPC (2013) HSLs for Vapour Intrusion: Commercial, Sand																															
0-1m																															
1-2m																															
2-4m																															
>4m																															
NEPC (2013) Management Limits: Commercial, Coarse																															
PFAS NEMP 2020 Table 2 Health Industrial/Commercial																															
NEPC (2013) EILs: Commercial (site specific)																															
NEPC (2013) ESLs: Commercial, Coarse																															
PFAS NEMP 2020 Table 3 Interim EDE All land uses																															
PFAS NEMP 2020 Table 3 Interim EIE All land uses																															
SA EPA (2007) ASS Guideline - Sands to Loamy Sands																															
SA EPA (2007) ASS Guideline - Sandy Loams to Light Clays																															
SA EPA (2007) ASS Guideline - Medium to Heavy Clays and Silty Clays																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	8.6	-	-	-	-	-	-	-	-	32	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	1.2	<0.005	0.29	0.38	<0.003	<0.02	64	2	22	<0.02		-	-	-	-	-	-	-	-	-	-	89	<0.005	-	30	100	<0.1	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	2.1	<0.005	0.16	0.21	<0.003	<0.02	60	2	19	<0.02		-	-	-	-	-	-	-	-	-	-	120	<0.005	-	27	100	<0.1	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	13	-	-	-
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	3.7	<0.005	0.16	0.21	<0.003	<0.02	67	2	20	<0.02		-	-	-	-	-	-	-	-	-	-	170	<0.005	-	27	100	<0.1	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	0.21	0.03	0.3	0.35	<0.003	<0.02	13	2	3.9	<0.02		-	-	-	-	-	-	-	-	-	-	120	12	-	7.6	91	9.2	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	9.6	<0.5	<0.5	<0.1	<0.1	-	-	-	-	5.2	-	-	-
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	8.8	<0.5	<0.5	<0.1	<0.1	-	-	-	-	9.6	-	-	-
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	2.2	<0.005	0.26	0.34	<0.003	<0.02	82	2	22	<0.02		-	-	-	-	-	-	-	-	-	-	180	<0.005	-	31	100	<0.1	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	11	<0.5	<0.5	<0.1	<0.1	-	-	-	-	28	-	-	-
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	8.7	<0.5	<0.5	<0.1	<0.1	-	-	-	-	12	-	-	-
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	1.2	<0.005	0.23	0.31	<0.003	<0.02	28	2	7.4	<0.02		-	-	-	-	-	-	-	-	-	-	160	19	-	19	89	11	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-		-	-	-	-	11	-	-	-	-	-	-	-	-	6.9	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	14	-	-	-
SB163	SB163_0.8-1.0	W	30-May-23	995189	0.24	0.077	0.49	0.54	<0.003	<0.02	52	2	18	<0.02		-	-	-	-	-	-	-	-	-	-	110	0.7	-	28	99	0.7	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	13	-	-	-
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-		<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	21	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
SA EPA Waste Fill					20	3		60		300	1	60	200	65				1000								1	1.4	3.1			14	
SA Intermediate Waste Soil					200	30		2000		1200	30	600	14000	100				1000								5	50	100			180	
SA Low Level Waste Soil					750	60		7500		5000	110	3000	50000	1000				10000								15	500	1000			1800	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB01	SB01_0.0-0.2	A	22-May-23	992922	3.7	<0.4	10	6.6	-	18	<0.1	5.4	32	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB01	SB01_0.4-0.6	A	22-May-23	992922	2.8	<0.4	5.9	<5	-	7.1	<0.1	5.5	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	5	<0.4	11	10	-	55	<0.1	5.6	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	2.2	<0.4	6.5	5.8	-	9.6	<0.1	<5	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	<2	<0.4	<5	<5	-	<5	<0.1	<5	6.2	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	2.4	<0.4	6	5.3	-	28	<0.1	<5	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	8.4	<0.4	22	15	-	7.9	<0.1	13	20	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB07	SB07_0.0-0.2	A	22-May-23	992922	6.5	<0.4	56	28	-	16	<0.1	25	52	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	10	<0.4	85	50	-	36	0.2	39	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	3.1	<0.4	9.7	<5	-	19	<0.1	<5	28	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB09	SB09_0.0-0.2	A	22-May-23	992922	6.5	<0.4	70	33	-	22	<0.1	30	64	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB09	SB09_0.3-0.5	A	22-May-23	992922	6.8	<0.4	51	24	-	12	<0.1	23	34	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	6	<0.4	40	17	-	8.8	<0.1	17	26	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB11	SB11_0.0-0.2	A	25-May-23	993441	6	<0.4	65	30	-	17	<0.1	28	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	7.9	<0.4	50	25	-	16	<0.1	21	46	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB12	SB12_0.0-0.2	A	22-May-23	992922	6.1	<0.4	21	15	-	14	<0.1	11	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0.0-0.4	A	22-May-23	992922	3.8	<0.4	7.8	<5	-	<5	<0.1	<5	12	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB14	SB14_0.0-0.2	A	22-May-23	992922	3.8	<0.4	18	11	-	12	<0.1	8.8	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	3.7	<0.4	16	9.8	-	8.7	<0.1	7.9	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	6.8	<0.4	26	21	-	18	<0.1	12	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	4.8	<0.4	18	16	-	15	<0.1	7.7	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	2.6	<0.4	7.1	<5	-	<5	<0.1	<5	7.2	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB16	SB16_0.7-1.0	A	23-May-23	992922	11	<0.4	13	110	-	160	3.1	6.1	170	<20	<20	140	120	260	<20	<50	240	<100	240	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB17	SB17_0.2-0.5	A	22-May-23	992922	2.8	<0.4	6.9	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	2.6	<0.4	8	<5	-	<5	<0.1	<5	8.2	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	6.5	<0.4	26	16	-	13	<0.1	12	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	10	<0.4	37	21	-	14	<0.1	16	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0.0-0.2	A	22-May-23	992922	2.9	<0.4	10	7.4	-	8.4	<0.1	<5	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0.0-0.2	A	23-May-23	992922	5.4	<0.4	6.7	<5	-	<5	<0.1	<5	<5	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB22	SB22_0.0-0.2	A	23-May-23	992922	7.1	<0.4	30	21	-	21	<0.1	14	40	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB22	SB22_0.5-0.7	A	23-May-23	992922	13	2	23	19	-	65	<0.1	15	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0.0-0.2	A	23-May-23	992922	8.1	<0.4	26	17	-	13	<0.1	12	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	11	<0.4	35	24	-	16	<0.1	20	37	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB24	SB24_0.7-1.0	A	23-May-23	992922	12	<0.4	29	24	-	27	0.7	16	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0.0-0.3	A	23-May-23	992922	6.8	<0.4	39	20	-	12	<0.1	18	35	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB26	SB26_0.0-0.2	A	23-May-23	992922	5.7	<0.4	29	17	-	12	<0.1	13	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	7.8	<0.4	32	20	-	12	<0.1	15	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	6.4	<0.4	35	20	-	14	<0.1	15	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0.0-0.2	A	23-May-23	992922	5	<0.4	20	16	-	13	<0.1	9.4	47	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB28	SB28_0.0-0.3	A	23-May-23	992922	8.1	<0.4	27	17	-	13	<0.1	13	35	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB28	SB28_0.3-0.5	A	23-May-23	992922	7.6	<0.4	33	21	-	14	<0.1	16	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	6.8	<0.4	26	16	-	14	<0.1	12	35	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB29	SB29_0.0-0.2	A	23-May-23	992922	4	<0.4	15	13	-	10	<0.1	6.9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	6.4	<0.4	22	23	-	19	0.1	10	63	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB30	SB30_0.2-0.4	A	25-May-23	993964	6	<0.4	46	20	-	10	<0.1	19	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	4.1	<0.4	13	16	-	27	<0.1	10	39	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB31	SB31_0.2-0.5	A	25-May-23	993964	4.1	<0.4	12	20	-	6	<0.1	7	23	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB32	SB32_0.0-0.2	A	23-May-23	992922	6.3	<0.4	28	18	-	15	<0.1	12	38	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
SA EPA Waste Fill					20	3		60		300	1	60	200	65				1000								1	1.4	3.1			14	
SA Intermediate Waste Soil					200	30		2000		1200	30	600	14000	100				1000								5	50	100			180	
SA Low Level Waste Soil					750	60		7500		5000	110	3000	50000	1000				10000								15	500	1000			1800	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB33	SB33_0.0-0.2	A	25-May-23	993964	4.4	<0.4	13	38	-	32	<0.1	8.2	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	<2	<0.4	6.5	<5	-	<5	<0.1	<5	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	2.4	<0.4	7.7	<5	-	<5	<0.1	<5	9.6	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB35	SB35_0.0-0.2	A	23-May-23	992922	<2	<0.4	5.1	<5	-	<5	<0.1	<5	6.5	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB36	SB36_0.0-0.2	A	25-May-23	993441	5.6	<0.4	27	15	-	8.9	<0.1	11	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	2.7	<0.4	11	5.2	-	<5	<0.1	<5	8.4	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB37	SB37_0.0-0.2	A	23-May-23	992922	6.6	<0.4	33	21	-	16	<0.1	15	47	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	5	<0.4	18	9.8	-	7.4	<0.1	8.2	18	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB38	SB38_0.6-0.8	A	25-May-23	993441	14	<0.4	46	34	-	38	0.3	22	81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	5.1	<0.4	21	9.9	-	5.7	<0.1	10	16	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB39	SB39_0.3-0.5	A	23-May-23	992922	12	<0.4	37	23	-	19	0.1	18	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	10	<0.4	56	31	-	20	<0.1	27	56	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB40	SB40_0.3-0.5	A	23-May-23	992922	11	<0.4	54	38	-	30	0.2	26	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	7.2	<0.4	63	33	-	18	<0.1	30	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	7.6	<0.4	42	24	-	15	<0.1	20	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	13	0.9	69	66	-	71	0.6	32	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	9.2	<0.4	56	36	-	27	0.2	25	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	2.3	<0.4	5.9	<5	-	<5	<0.1	<5	6.1	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB45	SB45_0.5-0.7	A	25-May-23	993441	9.5	<0.4	50	32	-	24	<0.1	23	65	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB46	SB46_0.0-0.2	A	25-May-23	993441	2.2	<0.4	5	<5	-	<5	<0.1	<5	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	2.3	<0.4	6.5	<5	-	<5	<0.1	<5	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB48	SB48_0.0-0.2	A	25-May-23	993441	4.8	<0.4	13	6.2	-	5	<0.1	5.8	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	3.4	<0.4	12	11	-	13	<0.1	5.6	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	4.9	<0.4	17	17	-	20	<0.1	8.3	47	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB50	SB50_0.3-0.5	A	29-May-23	995383	3.8	<0.4	24	11	-	6.4	<0.1	9.5	19	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB50	SB50_1.7-2.0	A	29-May-23	995383	5.2	<0.4	21	8.1	-	5.4	<0.1	9.2	33	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB50	SB50_2.3-3.0	A	29-May-23	995383	<2	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	12	0.8	66	60	-	62	0.5	30	150	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB52	SB52_0.0-0.2	A	25-May-23	993441	10	<0.4	61	41	-	38	0.2	28	93	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB53	SB53_0.2-0.5	A	29-May-23	995383	<2	<0.4	6.1	6.4	-	7.6	<0.1	<5	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	8.2	<0.4	30	12	-	8.9	<0.1	14	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	16,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	3.3	<0.4	22	11	-	7.3	<0.1	9.3	18	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	6.8	<0.4	50	29	-	21	<0.1	21	39	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	15	0.6	50	38	-	46	0.3	23	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	3.7	<0.4	11	9.3	-	17	<0.1	5.7	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	3	<0.4	19	7.3	-	16	<0.1	8.3	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	5.2	<0.4	16	13	-	18	<0.1	8.5	31	<20	<20	<50	<50	57	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	4.4	<0.4	11	13	-	19	<0.1	7.3	37	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB73	SB73_2.7-3.0	B	29-May-23	995383	6.5	<0.4	<5	<5	-	<5	<0.1	<5	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	4.3	<0.4	9.8	15	-	24	<0.1	6.8	35	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

						Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
						Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
						mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL						2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
SA EPA Waste Fill						20	3		60		300	1	60	200	65				1000								1	1.4	3.1			14	
SA Intermediate Waste Soil						200	30		2000		1200	30	600	14000	100				1000								5	50	100			180	
SA Low Level Waste Soil						750	60		7500		5000	110	3000	50000	1000				10000								15	500	1000			1800	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																													
SB74	SB74_1.3-1.5	B	29-May-23	995383		13	<0.4	15	24	-	41	<0.1	11	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964		5.2	<0.4	15	10	-	17	<0.1	7.6	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964		6.7	<0.4	16	13	-	20	<0.1	9.5	39	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB60	SB60_0.6-0.7	C	25-May-23	993964		5.2	<0.4	14	11	-	27	<0.1	7.8	36	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB61	SB61_0.0-0.2	C	25-May-23	993964		4	<0.4	11	8.2	-	16	<0.1	5.6	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383		4.2	<0.4	11	9.6	-	19	<0.1	6.8	27	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB75	SB75_1.7-1.8	C	29-May-23	995383		4.4	<0.4	5.9	13	-	<5	<0.1	12	8.4	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB75	SB75_2.3-2.5	C	29-May-23	995383		2.4	<0.4	9.6	6.7	-	<5	<0.1	5.5	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964		4	<0.4	12	9.3	-	16	<0.1	6.4	23	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB63	SB63_0.5-0.6	D	25-May-23	993964		2.7	<0.4	11	5.3	-	7.8	<0.1	<5	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964		4.3	<0.4	26	14	-	8.6	<0.1	12	25	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB64	SB64_0.0-0.2	D	25-May-23	993964		3.6	<0.4	11	7.9	-	12	<0.1	5.3	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339		4	<0.4	13	8	-	11	<0.1	5.5	19	<20	<20	<50	<50	56	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB65	SB65_0.4-0.6	D	26-May-23	994339		5	<0.4	19	12	-	16	<0.1	9.5	24	<20	<20	<50	<50	57	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB65	SB65_0.8-1.0	D	26-May-23	994339		4.6	<0.4	18	8.4	-	5.1	<0.1	8.2	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383		5.5	<0.4	15	12	-	23	<0.1	8.2	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383		28	11	7.5	12	-	170	<0.1	11	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383		2.6	6.4	<5	16	-	27	<0.1	7.5	6.9	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB66	SB66_0.4-0.7	E	26-May-23	994339		4.4	<0.4	67	20	-	23	<0.1	30	35	<20	<20	<50	<50	56	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB66	SB66_0.9-1.0	E	26-May-23	994339		5.5	<0.4	21	10	-	8.3	<0.1	9.3	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339		4.3	<0.4	14	33	-	12	<0.1	17	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339		5.2	<0.4	27	15	-	12	<0.1	12	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339		6.9	<0.4	15	37	-	28	<0.1	9.8	45	<20	<20	<50	<50	59	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB68	SB68_0.8-1.0	E	26-May-23	994339		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339		4.1	<0.4	14	9.9	-	11	<0.1	6.8	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339		5.6	<0.4	17	13	-	16	<0.1	8.8	31	<20	<20	<50	<50	57	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB70	SB70_0.7-1.0	E	26-May-23	994339		6.2	<0.4	35	18	-	27	<0.1	32	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339		6.6	<0.4	23	17	-	19	0.1	11	38	<20	<20	<50	<50	57	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB71	SB71_0.8-1.0	E	26-May-23	994339		<2	<0.4	6.6	12	-	5.2	<0.1	<5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339		7.9	<0.4	15	13	-	14	<0.1	9.4	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339		2.5	<0.4	6.4	7.7	-	8.6	<0.1	<5	24	<20	<20	<50	<50	56	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB72	SB72_0.7-1.0	E	26-May-23	994339		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383		5.1	<0.4	14	9.7	-	13	<0.1	7.5	46	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB77	SB77_0.9-1.1	E	29-May-23	995383		4.3	<0.4	11	11	-	11	<0.1	6.5	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383		8.8	4.7	7.4	13	-	63	<0.1	11	31	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB77	SB77_2.8-3.0	E	29-May-23	995383		24	14	23	12	-	150	<0.1	18	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383		4.4	<0.4	15	12	-	17	<0.1	8.4	36	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB171	SB171_1.3-1.5	E	29-May-23	995383		6	<0.4	11	12	-	15	<0.1	11	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383		12	0.9	<5	29	-	33	<0.1	8.9	13	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB172	SB172_0-0.2	E	29-May-23	995383		3.9	<0.4	12	11	-	14	<0.1	7.2	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383		<2	<0.4	6.8	11	-	<5	<0.1	9	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383		7.4	2.7	7.4	19	-	38	<0.1	6.8	62	<20	24	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB79	SB79_0.3-0.5	F	29-May-23	995383		5.6	1.2	9.9	11	-	410	<0.1	9.3	87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383		4.5	<0.4	14	6.9	-	5.6	<0.1	6.5	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383		2.6	<0.4	7.7	5.3	-	6.3	<0.1	<5	27	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB84	SB84_0.6-0.7	F	29-May-23	995383		5.3	<0.4	16	11	-	15	<0.1	8.4	30	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB87	SB87_0-0.2	F	29-May-23	995383		5.1	<0.4	13	10	-	17	<0.1	7	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339		3.2	<0.4	10	5.6	-	5.7	<0.1	<5	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339		20	0.7	17	24	-	33	<0.1	14	130	<20	<20	<50	<50	58	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB89	SB89_0.7-1.0	F	26-May-23	994339		7	<0.4	35	18	-	10	<0.1	16	29	<20	<20	<50	<50	58	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
SA EPA Waste Fill					20	3		60		300	1	60	200	65				1000								1	1.4	3.1			14	
SA Intermediate Waste Soil					200	30		2000		1200	30	600	14000	100				1000								5	50	100			180	
SA Low Level Waste Soil					750	60		7500		5000	110	3000	50000	1000				10000								15	500	1000			1800	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB95	SB95_0.9-1.0	F	30-May-23	995189	16	0.5	46	43	-	66	0.8	22	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	7.8	<0.4	28	16	-	21	0.1	14	43	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB106	SB106_0.0-0.2	F	29-May-23	995383	4.2	<0.4	10	11	-	21	<0.1	5.7	30	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB106	SB106_2.1-2.3	F	29-May-23	995383	<2	<0.4	<5	<5	1100	<5	<0.1	<5	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	6.5	<0.4	17	13	-	23	<0.1	9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	2.8	<0.4	9.6	23	-	9.9	<0.1	6.6	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	<2	0.4	5.4	<5	-	11	<0.1	<5	45	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	3.2	<0.4	6.6	20	-	5.4	<0.1	12	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	6.5	<0.4	47	21	-	9.4	<0.1	20	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	11	<0.4	18	12	-	14	<0.1	10	45	<20	<20	<50	<50	58	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	6.5	<0.4	15	9.7	-	8.9	<0.1	7.6	25	<20	<20	<50	<50	56	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB108	SB108_0.0-0.2	G	30-May-23	995189	8.1	<0.4	17	14	-	16	<0.1	10	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.8-1.0	G	30-May-23	995189	12	<0.4	9	14	-	24	<0.1	8.2	94	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB108	SB108_2.1-2.3	G	30-May-23	995189	120	18	16	12	-	200	<0.1	23	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	25	9.4	50	24	-	120	<0.1	30	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	7.2	<0.4	15	10	-	7.5	<0.1	8.3	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	4.6	<0.4	13	8.3	-	11	<0.1	6.2	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	5.2	<0.4	14	12	-	21	<0.1	8.5	34	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB91	SB91_0.6-0.8	H	30-May-23	995189	5.1	<0.4	18	14	-	19	<0.1	11	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	4	<0.4	23	12	-	12	<0.1	12	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	4.8	<0.4	11	11	-	20	<0.1	7.6	54	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB110	SB110_2.1-2.3	H	30-May-23	995189	21	14	15	21	-	280	<0.1	13	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	5.4	<0.4	14	8	-	7.3	<0.1	7.4	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	6.4	<0.4	13	12	-	6.6	<0.1	16	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	19	0.6	22	31	-	43	<0.1	15	180	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB174	SB174_1.7-1.9	I	30-May-23	995189	3.9	1	6.3	15	-	34	<0.1	7.3	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	3400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	3.5	<0.4	9.5	5.3	-	5	<0.1	<5	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	10	<0.4	22	14	-	27	0.2	12	64	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB113	SB113_2.3-2.5	J	30-May-23	995189	4.2	<0.4	<5	11	-	25	<0.1	6.6	7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	-	-	-	-	-	-	<0.5
SB97	SB97_0.7-1.0	K	30-May-23	995189	7.2	<0.4	22	19	-	45	0.3	10	77	<20	28	430	140	598	<20	140	480	<100	620	<20	140	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB98	SB98_0.4-0.6	K	30-May-23	995189	6	<0.4	15	12	-	22	<0.1	8.3	48	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB114	SB114_0.0-0.2	K	30-May-23	995189	7.2	<0.4	18	15	-	24	0.1	10	39	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	3.2	<0.4	12	20	-	6.5	<0.1	18	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	4.5	<0.4	12	12	-	12	<0.1	6.8	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	5.6	<0.4	16	15	-	15	<0.1	10	36	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Metals & Metalloids									TPHs (NEPC 1999)					TRHs (NEPC 2013)							BTEXN						
					Arsenic	Cadmium	Chromium (III+VI)	Copper	Iron	Lead	Mercury	Nickel	Zinc	C6-C9 Fraction	C10-C14 Fraction	C15-C28 Fraction	C29-C36 Fraction	C10-C36 Fraction (Sum of Total)	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene
					mg/kg	mg/kg	mg/kg	mg/kg	MG/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					2	0.4	5	5	20	5	0.1	5	5	20	20	50	50	50	20	50	100	100	100	20	50	0.1	0.1	0.1	0.1	0.2	0.3	0.5
SA EPA Waste Fill					20	3		60		300	1	60	200	65				1000								1	1.4	3.1			14	
SA Intermediate Waste Soil					200	30		2000		1200	30	600	14000	100				1000								5	50	100			180	
SA Low Level Waste Soil					750	60		7500		5000	110	3000	50000	1000				10000								15	500	1000			1800	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	3	<0.4	5.8	26	-	14	0.1	10	23	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB112	SB112_1.9-2.2	L	30-May-23	995189	<2	<0.4	8.8	28	-	9.1	<0.1	9.1	5.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	2.1	0.6	<5	13	-	31	<0.1	6.4	7.3	<20	26	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB132	SB132_2.7-3.0	N	30-May-23	995189	7.4	<0.4	6.7	13	-	6.5	<0.1	<5	7.7	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB115	SB115_0.0-0.2	O	31-May-23	996096	4	<0.4	7	15	-	8.1	<0.1	7.5	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	5.8	<0.4	13	10	-	9.4	<0.1	11	20	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB125	SB125_2.4-2.6	O	30-May-23	995189	<2	<0.4	<5	16	-	<5	<0.1	<5	<5	<20	20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	4.9	<0.4	14	9.6	-	14	<0.1	8.1	32	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	<2	<0.4	<5	10	-	<5	<0.1	11	<5	<20	<20	<50	52	52	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB131	SB131_2.8-3.0	P	30-May-23	995189	3.9	<0.4	38	19	-	24	<0.1	17	36	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB133	SB133_0.6-0.8	Q	30-May-23	995189	8.6	0.7	8.5	44	-	65	<0.1	7.9	110	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB133	SB133_2.3-2.5	Q	30-May-23	995189	3	0.7	<5	8.6	-	26	<0.1	5.3	14	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	3	<0.4	8.8	5.5	-	<5	<0.1	<5	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	5.7	<0.4	10	7.1	-	6.7	<0.1	6.1	16	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB118	SB118_0.0-0.2	S	31-May-23	996096	3.1	<0.4	16	20	-	8.1	<0.1	11	40	<20	<20	80	190	270	<20	<50	210	180	390	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB118	SB118_0.3-0.6	S	31-May-23	996096	2.9	<0.4	9.5	5.1	-	<5	<0.1	<5	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	3.7	<0.4	15	7.1	-	<5	<0.1	6.4	11	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB127	SB127_2.3-2.5	S	31-May-23	996096	18	34	11	17	-	2700	<0.1	18	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	7.5	1	14	19	-	83	<0.1	17	65	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB128	SB128_0.0-0.2	T	31-May-23	996096	9	<0.4	26	26	-	5.4	<0.1	15	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	3.3	<0.4	7	5.8	-	6.7	<0.1	<5	19	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB128	SB128_1.7-2.0	T	31-May-23	996096	3.3	<0.4	9.8	7.5	-	9.3	<0.1	5.6	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	2.8	<0.4	11	16	-	7.8	<0.1	6.7	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	7.4	<0.4	21	13	-	20	<0.1	11	46	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	37	11	21	27	-	270	0.3	29	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	5	<0.4	29	18	-	23	<0.1	14	58	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5
SB165	SB165_0.7-1.0	W	30-May-23	995189	2.9	<0.4	12	8.4	-	<5	<0.1	9.6	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	12	<0.4	26	12	-	18	<0.1	14	39	<20	<20	<50	<50	<50	<20	<50	<100	<100	<100	<20	<50	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.5

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PAH																	Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
SA EPA Waste Fill									1														5								2
SA Intermediate Waste Soil									2														40								2
SA Low Level Waste Soil									5														200								50
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB01	SB01_0.0-0.2	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB09	SB09_0.0-0.2	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB12	SB12_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0.0-0.4	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB14	SB14_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	<0.5	<0.5	<0.5	0.5	0.6	1.3	1	0.7	<0.5	<0.5	<0.5	0.6	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	0.8	3.4	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0.0-0.3	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB28	SB28_0.0-0.3	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB31	SB31_0.2-0.5	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB32	SB32_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PAH																	Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
SA EPA Waste Fill									1														5								2
SA Intermediate Waste Soil									2														40								2
SA Low Level Waste Soil									5														200								50
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB34	SB34_0.3-0.5	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB50	SB50_1.7-2.0	A	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB52	SB52_0.0-0.2	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PAH																	Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
SA EPA Waste Fill									1														5								2
SA Intermediate Waste Soil									2														40								2
SA Low Level Waste Soil									5														200								50
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB66	SB66_0.4-0.7	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB89	SB89_0.7-1.0	F	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PAH																	Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
SA EPA Waste Fill									1														5								2
SA Intermediate Waste Soil									2														40								2
SA Low Level Waste Soil									5														200								50
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.8-1.0	G	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	1	1	3.2	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB98	SB98_0.4-0.6	K	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	0.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PAH																		Organochlorine Pesticides							
					Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(a)pyrene TEQ (LOR)	Benzo(a)pyrene TEQ calc (Half)	Benzo(a)pyrene TEQ calc (Zero)	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	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	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
SA EPA Waste Fill									1														5								2
SA Intermediate Waste Soil									2														40								2
SA Low Level Waste Soil									5														200								50
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB132	SB132_2.7-3.0	N	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB133	SB133_2.3-2.5	Q	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	0.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)													Organophosphorus Pesticides													
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SA EPA Waste Fill					2	2									2																	
SA Intermediate Waste Soil					2			2							2																	
SA Low Level Waste Soil					50			50							50																	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB14	SB14_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)													Organophosphorus Pesticides													
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SA EPA Waste Fill					2	2									2																	
SA Intermediate Waste Soil					2			2							2																	
SA Low Level Waste Soil					50			50							50																	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB52	SB52_0.0-0.2	A	25-May-23	993441	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)													Organophosphorus Pesticides													
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SA EPA Waste Fill					2	2									2																	
SA Intermediate Waste Soil					2			2							2																	
SA Low Level Waste Soil					50			50							50																	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB66	SB66_0.9-1.0	E	26-May-23	994339	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB89	SB89_0.7-1.0	F	26-May-23	994339	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)													Organophosphorus Pesticides													
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SA EPA Waste Fill					2	2									2																	
SA Intermediate Waste Soil					2			2							2																	
SA Low Level Waste Soil					50			50							50																	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.8-1.0	G	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organochlorine Pesticides (cont.)													Organophosphorus Pesticides													
					Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene	Azinophos methyl	Bolstar (Sulprofos)	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	EPN	Ethion
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					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	0.5	0.2	0.2	0.2	0.2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SA EPA Waste Fill					2	2									2																	
SA Intermediate Waste Soil					2			2							2																	
SA Low Level Waste Soil					50			50							50																	
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	<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	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<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	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

						Organophosphorus Pesticides (cont.)																	Chlorinated Alkanes							
						Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL						0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA Waste Fill																															
SA Intermediate Waste Soil																															
SA Low Level Waste Soil																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB01	SB01_0.0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB07	SB07_0.2-0.5	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB09	SB09_0.0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB10	SB10_0.5-0.7	A	25-May-23	993441		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB14	SB14_0.0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB17	SB17_0.2-0.5	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB18	SB18_0.7-1.0	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB26	SB26_0.0-0.2	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.0-0.3	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB29	SB29_0.0-0.2	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922		<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB30	SB30_0.2-0.4	A	25-May-23	993964		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB31	SB31_0.2-0.5	A	25-May-23	993964		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organophosphorus Pesticides (cont.)																		Chlorinated Alkanes							
					Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA Waste Fill																															
SA Intermediate Waste Soil																															
SA Low Level Waste Soil																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB52	SB52_0.0-0.2	A	25-May-23	993441	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	-	-	-	-	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organophosphorus Pesticides (cont.)																		Chlorinated Alkanes							
					Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA Waste Fill																															
SA Intermediate Waste Soil																															
SA Low Level Waste Soil																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB89	SB89_0.7-1.0	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organophosphorus Pesticides (cont.)																		Chlorinated Alkanes							
					Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA Waste Fill																															
SA Intermediate Waste Soil																															
SA Low Level Waste Soil																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.8-1.0	G	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

						Organophosphorus Pesticides (cont.)																	Chlorinated Alkanes							
						Ethoprop	Fenitrothion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Naled (Dibrom)	Omethoate	Phorate	Pirimiphos-methyl	Pyrazophos	Ronnel	Terbufos	Tetrachlorvinphos	Tokuthion	Trichloronate	Parathion	1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL						0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	2	0.2	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA Waste Fill																															
SA Intermediate Waste Soil																															
SA Low Level Waste Soil																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<2	<0.2	<2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

						Chlorinated Alkanes (cont.)								Chlorinated Alkenes									Solvents	Polychlorinated Biphenyls							
						1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SA EPA Waste Fill																															2
SA Intermediate Waste Soil																			14												2
SA Low Level Waste Soil																			25.2												50
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB14	SB14_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes (cont.)								Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
					1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SA EPA Waste Fill																															2
SA Intermediate Waste Soil																		14													2
SA Low Level Waste Soil																		25.2													50
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB52	SB52_0.0-0.2	A	25-May-23	993441	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

									Chlorinated Alkanes (cont.)								Chlorinated Alkenes										Solvents	Polychlorinated Biphenyls							
									1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SA EPA Waste Fill																																		2
SA Intermediate Waste Soil																	14																	2
SA Low Level Waste Soil																	25.2																	50
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																														
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB89	SB89_0.7-1.0	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Chlorinated Alkanes (cont.)								Chlorinated Alkenes									Solvents	Polychlorinated Biphenyls							
					1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SA EPA Waste Fill																															2
SA Intermediate Waste Soil																		14													2
SA Low Level Waste Soil																		25.2													50
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.8-1.0	G	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

						Chlorinated Alkanes (cont.)								Chlorinated Alkenes									Solvents	Polychlorinated Biphenyls							
						1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride	Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)
						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL						0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SA EPA Waste Fill																																2
SA Intermediate Waste Soil																			14													2
SA Low Level Waste Soil																			25.2													50
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																										
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H-1H-2H-2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H-1H-2H-2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H-1H-2H-2H-perfluorodecanesulfonic acid (8:2 FTSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
SA EPA Waste Fill																																
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB08	SB08_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.0-0.2	A	22-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB16	SB16_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.0-0.3	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																											
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H-1H-2H-2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H-1H-2H-2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H-1H-2H-2H-perfluorodecanesulfonic acid (8:2 FTSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
SA EPA Waste Fill																																
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB51	SB51_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB52	SB52_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																										
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H-1H-2H-2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H-1H-2H-2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H-1H-2H-2H-perfluorodecanesulfonic acid (8:2 FTSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
SA EPA Waste Fill																																
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB75	SB75_1.7-1.8	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB72	SB72_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB89	SB89_0.5-0.7	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.7-1.0	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS																										
					Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H-1H-2H-2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H-1H-2H-2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H-1H-2H-2H-perfluorodecanesulfonic acid (8:2 FTSA)
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
SA EPA Waste Fill																																
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB111	SB111_1.4-1.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_0.0-0.2	F	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB108	SB108_0.0-0.2	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB108	SB108_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB174	SB174_1.3-1.5	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB113	SB113_0.8-1.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB105	SB105_0.3-0.5	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

														PFAS																
				Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H-1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H-1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H-1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL				0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005
SA EPA Waste Fill																															
SA Intermediate Waste Soil																															
SA Low Level Waste Soil																															
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																											
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB131	SB131_1.3-1.5	P	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB127	SB127_0.4-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.0-0.2	T	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB128	SB128_0.2-0.5	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA Waste Fill																																
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB14	SB14_0.0-0.2	A	22-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB26	SB26_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27	SB27_0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.0-0.3	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA Waste Fill																																
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB52	SB52_0.0-0.2	A	25-May-23	993441	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA Waste Fill																																
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB89	SB89_0.7-1.0	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA Waste Fill																																
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_0.0-0.2	F	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB173	SB173_0.0-0.2	F	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0-0.2	G	26-May-23	994339	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					PFAS (cont.)							MAH							Miscellaneous Hydrocarbons						Chlorinated Benzenes					Trihalomethanes			
					1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
					mg/kg	mg/kg	mg/kg	mg/kg	mg/KG	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PQL					0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
SA EPA Waste Fill																																
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB128	SB128_0.0-0.2	T	31-May-23	996096	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	<0.005	<0.005	<0.005	<0.005	<0.01	<0.05	<0.005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.05	<0.5	<0.5	<0.5	<0.5

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																			
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
SA EPA Waste Fill												500																				
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	1700	0.61	<1	<10	<0.02	0.15	8.9	0.76	<2	<2	<2	8.5	2.7	2.3	0.7	1200	570	93	1.5	3.2
SB08	SB08_0.7-1.0	A	25-May-23	993441	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.0-0.2	A	22-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12	SB12_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13	SB13_0.0-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14	SB14_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	3500	0.053	<1	<10	<0.02	0.12	9.3	0.17	<2	<2	<2	8.7	5.6	5.9	0.6	2900	490	75	1.5	6.1
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18	SB18_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	3900	0.009	<1	<10	<0.02	0.021	9.6	0.03	<2	<2	<2	8.4	6.2	7.1	0.36	3500	300	13	1.5	7.2
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20	SB20_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21	SB21_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23	SB23_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25	SB25_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	3600	0.097	<1	<10	<0.02	0.033	9.2	0.13	<2	<2	<2	8.5	5.7	5.7	0.73	2900	600	21	1.5	6
SB27	SB27_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	5000	0.21	<1	<10	<0.02	0.075	9.2	0.29	<2	<2	<2	9	8	8.8	0.5	4400	420	47	1.5	9.2
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32	SB32_0.0-0.2	A	23-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	3500	0.22	<1	<10	<0.02	0.11	9.3	0.34	<2	<2	<2	8.6	5.6	6.1	0.44	3000	360	71	1.5	6.4

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																			
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
SA EPA Waste Fill												500																				
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	4000	0.091	<1	<10	<0.02	0.05	9.6	0.14	<2	<2	<2	8.1	6.4	7.4	0.33	3700	270	31	1.5	7.6
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	3000	0.18	<1	<10	<0.02	0.24	9.3	0.42	<2	<2	<2	8.6	4.8	5.5	0.4	2700	330	150	1.5	5.8
SB37	SB37_0.4-0.6	A	23-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	3700	0.22	<1	<10	<0.02	0.26	9.2	0.48	<2	<2	<2	8.3	5.9	6.6	0.5	3300	410	160	1.5	6.9
SB39	SB39_0.3-0.5	A	23-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	<750	<500	<1000	<500	<1250	<500	<1.25	<5	2000	0.31	<1	<10	<0.02	0.41	9.1	0.72	<2	<2	<2	8.3	3.2	4.1	0.2	2000	170	250	1.5	4.5
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	2400	0.25	<1	<10	<0.02	0.29	9	0.54	<2	<2	<2	8.6	3.8	3.8	0.71	1900	590	180	1.5	4.2
SB51	SB51_0.2-0.4	A	25-May-23	993441	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB52	SB52_0.0-0.2	A	25-May-23	993441	<750	<500	<1000	<500	<1250	<500	<1.25	<5	2000	0.23	<1	<10	<0.02	0.32	9	0.55	<2	<2	<2	8.6	3.2	3.6	0.44	1800	360	200	1.5	4
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	-	-	-	-	-	-	-	-	5200	0.13	<1	<10	<0.02	0.06	9.7	0.19	<2	<2	<2	8.6	8.3	9.6	0.37	4800	310	37	1.5	10
SB58	SB58_0-0.2	B	26-May-23	994339	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	4000	0.12	<1	<10	<0.02	0.078	9.3	0.2	<2	<2	<2	8.6	6.5	6.8	0.29	3400	240	49	1.5	7.1

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																			
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
SA EPA Waste Fill												500																				
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB74	SB74_1.3-1.5	B	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	-	-	-	-	-	-	-	-	4000	0.13	<1	<10	<0.02	0.067	9.4	0.19	<2	<2	<2	8.2	6.5	7.2	0.3	3600	240	42	1.5	7.5
SB75	SB75_1.7-1.8	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.5-0.6	D	25-May-23	993964	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	-	-	-	-	-	-	-	-	2200	0.065	<1	<10	<0.02	0.044	9.3	0.11	<2	<2	<2	8.6	3.5	3.8	0.21	1900	180	27	1.5	4.1
SB76	SB76_0.0-0.2	D	29-May-23	995383	-	-	-	-	-	-	-	-	3200	0.094	<1	<10	<0.02	0.053	9.3	0.15	<2	<2	<2	8.6	5.1	5.5	0.25	2700	200	33	1.5	5.7
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68	SB68_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	4300	0.21	<1	<10	<0.02	0.078	11	0.29	<2	<2	<2	9	6.8	7.7	0.23	3800	190	49	1.5	8.4
SB69	SB69_0-0.2	E	26-May-23	994339	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72	SB72_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	5000	0.16	<1	<10	<0.02	0.077	9.3	0.24	<2	<2	<2	7.9	8.1	9	0.34	4500	280	48	1.5	9.5
SB77	SB77_0.0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	4700	0.11	<1	<10	<0.02	0.077	11	0.18	<2	<2	<2	8.5	7.5	7.9	0.27	3900	230	48	1.5	8.3
SB171	SB171_1.3-1.5	E	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	3500	0.13	<1	<10	<0.02	0.076	10	0.21	<2	<2	<2	8.5	5.5	6.1	0.3	3000	250	48	1.5	6.4
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB89	SB89_0.7-1.0	F	26-May-23	994339	-	-	-	-	-	-	-	-	1600	0.07	<1	<10	<0.02	0.025	9.3	0.096	<2	<2	<2	8.5	2.6	2.4	0.15	1200	120	16	1.5	2.6

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																			
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
SA EPA Waste Fill												500																				
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	-	-	-	-	-	-	-	-	2700	0.19	<1	<10	<0.02	0.58	8.9	0.77	<2	<2	<2	7	4.4	5.7	0.32	2800	260	360	1.5	6.1
SB107	SB107_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	4600	0.075	<1	<10	<0.02	0.062	9.4	0.14	<2	<2	<2	8.7	7.4	9.7	0.34	4800	280	39	1.5	10
SB107	SB107_2.2-2.4	F	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	4500	0.15	<1	<10	<0.02	0.077	9.3	0.22	<2	<2	<2	8.2	7.3	7.6	0.3	3800	250	48	1.5	7.9
SB111	SB111_1.4-1.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB173	SB173_0.0-0.2	F	30-May-23	995189	-	-	-	-	-	-	-	-	4000	0.12	<1	<10	<0.02	0.085	9.9	0.21	<2	<2	<2	8.6	6.4	6.9	0.29	3400	240	53	1.5	7.2
SB173	SB173_1.8-2.0	F	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB94	SB94_0.8-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	5700	0.21	<1	<10	<0.02	0.14	9.2	0.35	<2	<2	<2	8.4	9.1	10	0.36	5100	290	84	1.5	11
SB94	SB94_0-0.2	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	2500	0.1	<1	<10	<0.02	0.038	9.2	0.14	<2	<2	<2	8.4	3.9	4.9	0.23	2500	190	24	1.5	5.2
SB108	SB108_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	-	-	-	-	-	-	-	-	3600	0.037	<1	<10	<0.02	0.041	9.4	0.078	<2	<2	<2	8.6	5.7	7.7	0.3	3900	250	25	1.5	7.9
SB109	SB109_0.8-1.0	G	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	7600	0.24	<1	<10	<0.02	0.011	11	0.25	<2	<2	<2	8.7	12	16	0.18	7800	150	6.9	1.5	16
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	4200	0.016	<1	<10	<0.02	0.036	9.4	0.052	<2	<2	<2	8.2	6.7	9.2	0.37	4600	310	23	1.5	9.4
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	-	-	-	-	-	-	-	-	3400	0.1	<1	<10	<0.02	0.05	9.4	0.15	<2	<2	<2	8.9	5.4	5.7	0.21	2900	170	31	1.5	6
SB174	SB174_1.3-1.5	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_1.7-1.9	I	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	16,000	0.16	<1	<10	<0.02	0.047	12	0.2	<2	<2	<2	12	25	27	0.14	13,000	110	29	1.5	28
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_0.3-0.5	K	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	15,000	0.12	<1	<10	<0.02	0.034	12	0.15	<2	<2	<2	12	24	26	0.15	13,000	120	21	1.5	27
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Organotin							Inorganics	Acid Sulphate Soils																		
					Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Cyanide Total	Acid Neutralising Capacity - Acidity units	KCl Extractable Sulfur	Liming Rate	Net Acidity (acidity units)	Net Acidity (sulfur units)	Peroxide Oxidisable Sulfur	pH (KCl)	Sulfur in Peroxide	Titratable Actual Acidity	Titratable Peroxide Acidity	Titratable Sulfidic Acidity	pH (Ox)	Acid Neutralising Capacity equivalent 5% pyrite	Acid Reacted Calcium	Acid Reacted Magnesium	Acidity - Acid Reacted Calcium	Acidity - Acid Reacted Magnesium	Acidity - Peroxide Oxidisable Sulfur	ANC Fineness Factor	Calcium in Peroxide
					µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/L	mg/kg	mol H+/t	%	kg CaCO3/t	mol H+/t	%S	%	pH Unit	%	mol H+/t	mole H+/t	mole H+/t	pH Unit	%S	%	% Mg	mol H+/t	mol H+/t	mol H+/t	FACTOR	%
PQL					750	500	1000	500	1250	500	1.25	5	10	0.005	1	10	0.02	0.005	0.1	0.005	2	2	2	0.1	0.02	0.005	0.005	0.005	0.005	2		0.005
SA EPA Waste Fill												500																				
SA Intermediate Waste Soil																																
SA Low Level Waste Soil																																
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																												
SB105	SB105_0.7-1.0	L	31-May-23	996096	-	-	-	-	-	-	-	-	16,000	0.14	<1	<10	<0.02	0.043	12	0.18	<2	<2	<2	11	25	27	0.22	13,000	180	27	1.5	29
SB112	SB112_1.5-1.8	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	17,000	0.12	<1	<10	<0.02	<0.005	12	0.12	<2	<2	<2	12	27	37	0.094	18,000	77	<2	1.5	38
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	2700	0.089	<1	<10	<0.02	0.25	9.2	0.34	<2	<2	<2	8.1	4.3	6.2	0.23	3100	190	160	1.5	6.5
SB132	SB132_2.7-3.0	N	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	-	-	-	-	-	-	-	-	13,000	0.34	<1	<10	<0.02	0.069	12	0.41	<2	<2	<2	10	21	28	0.29	14,000	240	43	1.5	29
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	-	-	-	-	-	-	-	-	12,000	0.27	<1	<10	<0.02	0.065	13	0.33	<2	<2	<2	12	19	24	0.16	12,000	130	40	1.5	26
SB133	SB133_0.6-0.8	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	-	-	-	-	-	-	-	-	13,000	0.17	<1	<10	<0.02	0.047	13	0.22	<2	<2	<2	12	21	26	0.16	13,000	130	30	1.5	29
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	-	-	-	-	-	-	-	-	2700	0.027	<1	<10	<0.02	0.02	9.6	0.047	<2	<2	<2	8	4.3	4.9	0.27	2500	220	12	1.5	5.1
SB126	SB126_0.8-1.1	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB118	SB118_0.3-0.6	S	31-May-23	996096	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.3-2.5	S	31-May-23	996096	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	-	-	-	-	-	-	-	-	16,000	0.15	<1	<10	<0.02	0.043	12	0.19	<2	<2	<2	11	26	28	0.26	14,000	210	27	1.5	30
SB120	SB120_0.5-0.7	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	<750	<500	<1000	<500	<1250	<500	<1.25	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	5600	0.35	<1	<10	<0.02	0.06	12	0.41	<2	<2	<2	8.9	9	9.3	0.23	4600	190	38	1.5	10
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB163	SB163_0.8-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	10,000	0.096	<1	<10	<0.02	0.11	9.7	0.2	<2	<2	<2	8.5	17	22	0.41	11,000	340	66	1.5	22
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

OFFICIAL

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils (cont.)										Sulfur Comp	EIL Site Specific Calculation											Other			
					KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity	Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
					%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL					0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02	0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
SA EPA Waste Fill																														
SA Intermediate Waste Soil																														
SA Low Level Waste Soil																														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																										
SB01	SB01_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-	-	-	-	-	5.5	-	-	-
SB01	SB01_0.4-0.6	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
SB02	SB02_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	-	-	-
SB03	SB03_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-	-	-	-	-	2.9	-	-	-
SB04	SB04_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	-	-	-
SB04	SB04_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-
SB05	SB05_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.9	-	-	-
SB06	SB06_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB07	SB07_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	23	-	-	-
SB07	SB07_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	-	-	-
SB08	SB08_0.0-0.2	A	25-May-23	993441	0.85	0.28	0.98	0.92	<0.003	<0.02	8.4	2	1.9	<0.02	-	-	-	-	-	-	-	-	-	120	<0.005	-	26	100	<0.1	-
SB08	SB08_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8.5	<0.5	<0.5	<0.1	<0.1	-	-	-	-	24	-	-	-
SB09	SB09_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-
SB09	SB09_0.3-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	-	-	-	-	-	-	23	-	-	-
SB10	SB10_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-
SB11	SB11_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-
SB11	SB11_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-
SB12	SB12_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	-	-	-
SB13	SB13_0.0-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	-	<0.1	<0.1	-	-	-	-	7.4	-	-	-
SB14	SB14_0.0-0.2	A	22-May-23	992922	0.24	0.047	0.65	0.79	<0.003	<0.02	18	2	4.7	<0.02	-	-	-	-	-	-	-	-	-	190	43	-	8.9	81	19	-
SB14	SB14_0.8-1.0	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB15	SB15_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-	-	-	-	-	15	-	-	-
SB15	SB15_0.2-0.4	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB16	SB16_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	-	-
SB16	SB16_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	13	-	-	-
SB17	SB17_0.2-0.5	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.7	-	-	-
SB18	SB18_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	6.3	-	-	-
SB18	SB18_0.7-1.0	A	23-May-23	992922	0.16	0.028	0.39	0.48	<0.003	<0.02	19	2	5.7	<0.02	-	-	-	-	-	-	-	-	-	140	<0.005	-	7.9	100	<0.1	-
SB19	SB19_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB19	SB19_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.2	-	-	-	-	-	-	-	-	14	-	-	-
SB20	SB20_0.0-0.2	A	22-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB21	SB21_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-
SB22	SB22_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	-	-	-	-	-	-	-	-	11	-	-	-
SB22	SB22_0.5-0.7	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB23	SB23_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB24	SB24_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	9.9	-	-	-
SB24	SB24_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
SB25	SB25_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	14	-	-	-
SB26	SB26_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	10	-	-	-
SB26	SB26_0.2-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB26	SB26_0.7-1.0	A	23-May-23	992922	0.25	0.078	0.81	0.96	<0.003	<0.02	18	2	4.6	<0.02	-	-	-	-	-	-	-	-	-	230	1.4	-	13	99	0.6	-
SB27	SB27_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-	-	-
SB28	SB28_0.0-0.3	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-	-	-	-	-	11	-	-	-
SB28	SB28_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB28	SB28_0.7-1.0	A	23-May-23	992922	0.35	0.07	0.58	0.67	<0.003	<0.02	25	2	7	<0.02	-	-	-	-	-	-	-	<0.1	<0.1	-	190	21	-	15	90	10	-
SB29	SB29_0.0-0.2	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	-	-	-	-	-	-	-	-	13	-	-	-
SB29	SB29_0.7-1.0	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	20	-	-	-
SB30	SB30_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB30	SB30_0.5-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	7.2	<0.5	<0.5	-	-	-	-	-	-	11	-	-	-
SB31	SB31_0.2-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-
SB32	SB32_0.0-0.2	A	23-May-23	992922	0.36	0.087	0.53	0.58	<0.003	<0.02	18	2	4.9	<0.02	<0.5	-	-	-	8.9	<0.5	<0.5	-	-	-	130	3.7	-	13	97	2.8	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils (cont.)										Sulfur Comp	EIL Site Specific Calculation											Other			
					KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity	Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
					%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL					0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02	0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
SA EPA Waste Fill																														
SA Intermediate Waste Soil																														
SA Low Level Waste Soil																														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																										
SB33	SB33_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB33	SB33_0.2-0.4	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	-	-	-
SB34	SB34_0.0-0.2	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	12	-	-	-
SB34	SB34_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB35	SB35_0.0-0.2	A	23-May-23	992922	0.24	0.065	0.39	0.43	<0.003	<0.02	20	2	5.9	<0.02	<0.5	-	-	-	-	<0.5	<0.5	-	-	-	170	<0.005	-	12	100	<0.1	-
SB36	SB36_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB36	SB36_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB37	SB37_0.0-0.2	A	23-May-23	992922	0.33	0.09	0.49	0.53	<0.003	<0.02	15	2	4.4	<0.02	<0.5	-	-	-	-	<0.5	<0.5	-	-	-	150	<0.005	-	19	100	<0.1	-
SB37	SB37_0.4-0.6	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB38	SB38_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
SB38	SB38_0.6-0.8	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-
SB39	SB39_0.0-0.2	A	23-May-23	992922	0.29	0.16	0.66	0.66	<0.003	<0.02	18	2	5.3	<0.02	<0.5	-	-	-	-	<0.5	<0.5	-	-	-	200	<0.005	-	21	100	<0.1	-
SB39	SB39_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	-	-	-
SB40	SB40_0.0-0.2	A	23-May-23	992922	0.47	0.23	0.43	0.27	<0.003	<0.02	10	2	3.2	<0.02	<0.5	-	-	-	-	<0.5	<0.5	-	-	-	190	<0.005	-	27	100	<0.1	-
SB40	SB40_0.3-0.5	A	23-May-23	992922	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-
SB41	SB41_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-
SB41	SB41_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-
SB42	SB42_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-	-
SB43	SB43_0.4-0.6	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-
SB44	SB44_0.7-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-
SB45	SB45_0.5-0.7	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-
SB46	SB46_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB46	SB46_0.8-1.0	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-
SB47	SB47_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-
SB47	SB47_0.3-0.5	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	7.9	<0.5	<0.5	<0.1	<0.1	-	-	-	-	25	-	-	-
SB48	SB48_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	-
SB49	SB49_0.0-0.2	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-
SB49	SB49_0.2-0.3	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-
SB50	SB50_0.3-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	15	-	-	-
SB50	SB50_1.7-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-
SB50	SB50_2.3-3.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-
SB51	SB51_0.0-0.2	A	25-May-23	993441	0.44	0.18	0.9	0.94	<0.003	<0.02	12	2	3	<0.02	-	-	-	-	-	-	-	-	-	-	120	<0.005	-	21	100	<0.1	-
SB51	SB51_0.2-0.4	A	25-May-23	993441	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8.4	<0.5	<0.5	<0.1	<0.1	-	-	-	-	39	-	-	-
SB52	SB52_0.0-0.2	A	25-May-23	993441	0.44	0.18	0.62	0.58	<0.003	<0.02	10	2	2.9	<0.02	<0.5	-	-	-	7.7	<0.5	<0.5	<0.1	<0.1	-	140	<0.005	-	25	100	<0.1	-
SB53	SB53_0.2-0.5	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB53	SB53_1.8-2.0	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-
SB167	SB167_1.3-1.6	A	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	45	5600	9.5	-	-	-	-	-	10	-	-	0.7	24	-	-	1.6
SB168	SB168_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8.3	<0.5	<0.5	-	-	-	-	-	-	14	-	-	-
SB169	SB169_0.4-0.6	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-
SB170	SB170_0.3-0.5	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	-	29	-	-	-
SB170	SB170_0.5-0.7	A	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-
SB54	SB54_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB55	SB55_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-
SB56	SB56_0.3-0.5	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	-	-	-
SB56	SB56_0.6-0.8	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	-	-	-	-	-	-	-	13	-	-	-
SB57	SB57_0.0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB57	SB57_0.8-1.0	B	26-May-23	994339	0.44	0.038	0.41	0.49	<0.003	<0.02	26	2	7.7	<0.02	-	-	-	-	-	-	-	-	-	-	120	4.6	-	13	96	3.8	-
SB58	SB58_0-0.2	B	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB73	SB73_0.0-0.2	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB73	SB73_2.7-3.0	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-
SB74	SB74_0.0-0.2	B	29-May-23	995383	0.29	0.03	0.32	0.38	<0.003	<0.02	20	2	5.4	<0.02	<0.5	-	-	-	8.4	<0.5	<0.5	<0.1	<0.1	-	170	4.3	-	11	98	2.5	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils (cont.)										Sulfur Comp	EIL Site Specific Calculation											Other			
					KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity	Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
					%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL					0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02	0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
SA EPA Waste Fill																														
SA Intermediate Waste Soil																														
SA Low Level Waste Soil																														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																										
SB74	SB74_1.3-1.5	B	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-
SB59	SB59_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB60	SB60_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-	-	-	-	11	-	-	-
SB60	SB60_0.6-0.7	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	12	-	-	-
SB61	SB61_0.0-0.2	C	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB75	SB75_0-0.2	C	29-May-23	995383	0.29	0.021	0.32	0.39	<0.003	<0.02	20	2	5.8	<0.02	-	-	-	-	-	-	-	-	-	-	190	2.9	12	99	1.5	-
SB75	SB75_1.7-1.8	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	13	<0.5	<0.5	<0.1	<0.1	-	-	-	22	-	-	-
SB75	SB75_2.3-2.5	C	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-
SB62	SB62_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	7.6	<0.5	<0.5	<0.1	<0.1	-	-	-	11	-	-	-
SB63	SB63_0.5-0.6	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-
SB63	SB63_0.8-1.0	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB64	SB64_0.0-0.2	D	25-May-23	993964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB65	SB65_0.0-0.2	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	-	-	-	-	-	-	-	11	-	-	-
SB65	SB65_0.4-0.6	D	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB65	SB65_0.8-1.0	D	26-May-23	994339	0.26	0.03	0.24	0.28	<0.003	<0.02	11	2	3	<0.02	-	-	-	-	-	-	-	-	-	-	120	<0.005	-	12	100	<0.1	-
SB76	SB76_0.0-0.2	D	29-May-23	995383	0.26	0.04	0.29	0.33	<0.003	<0.02	16	2	4.4	<0.02	-	-	-	-	-	-	-	-	-	-	170	1	-	12	99	0.6	-
SB76	SB76_1.6-1.8	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	-
SB76	SB76_1.9-2.0	D	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	<0.1	<0.1	-	-	-	31	-	-	-
SB66	SB66_0.4-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8.8	<0.5	<0.5	<0.1	<0.1	-	-	-	11	-	-	-
SB66	SB66_0.9-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	<0.1	-	-	-	12	-	-	-
SB67	SB67_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB67	SB67_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB68	SB68_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB68	SB68_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB68	SB68_0.8-1.0	E	26-May-23	994339	0.72	<0.005	0.23	0.3	<0.003	<0.02	21	2	6.1	<0.02	-	-	-	-	-	-	-	-	-	-	95	13	-	14	88	12	-
SB69	SB69_0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB70	SB70_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB70	SB70_0.7-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB71	SB71_0.7-0.8	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB71	SB71_0.8-1.0	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB72	SB72_0.0-0.2	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB72	SB72_0.5-0.7	E	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8.8	<0.5	<0.5	<0.1	<0.1	-	-	-	-	11	-	-	-
SB72	SB72_0.7-1.0	E	26-May-23	994339	0.47	0.075	0.41	0.44	<0.003	<0.02	25	2	7.2	<0.02	-	-	-	-	-	-	-	-	-	-	82	8.6	-	22	91	9.5	-
SB77	SB77_0.0-0.2	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	16	-	-	-
SB77	SB77_0.9-1.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-
SB77	SB77_2.4-2.6	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	31	-	-	-
SB77	SB77_2.8-3.0	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	45	-	-	-
SB171	SB171_0-0.2	E	29-May-23	995383	0.36	<0.005	0.27	0.36	<0.003	<0.02	23	2	6.3	<0.02	-	-	-	-	-	-	-	-	-	-	120	35	-	13	77	23	-
SB171	SB171_1.3-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-
SB171	SB171_2.2-2.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-
SB172	SB172_0-0.2	E	29-May-23	995383	0.34	0.006	0.3	0.39	<0.003	<0.02	17	2	4.9	<0.02	-	-	-	-	-	-	-	-	-	-	200	33	-	16	86	14	-
SB172	SB172_1.2-1.5	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
SB172	SB172_1.9-2.1	E	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	13	<0.5	<0.5	<0.1	<0.1	-	-	-	-	28	-	-	-
SB79	SB79_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6	-	-	-
SB82	SB82_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB83	SB83_0.3-0.5	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB84	SB84_0.6-0.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8	<0.5	<0.5	<0.1	<0.1	-	-	-	-	17	-	-	-
SB87	SB87_0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB89	SB89_0.0-0.2	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	-	-	-
SB89	SB89_0.5-0.7	F	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8.2	<0.5	<0.5	<0.1	<0.1	-	-	-	-	14	-	-	-
SB89	SB89_0.7-1.0	F	26-May-23	994339	0.27	0.043	0.19	0.2	<0.003	<0.02	8.1	2	1.9	<0.02	-	-	-	-	-	-	-	<0.1	<0.1	-	220	4.8	-	14	98	2.1	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

					Acid Sulphate Soils (cont.)										Sulfur Comp	EIL Site Specific Calculation											Other			
					KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity	Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
					%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL					0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02	0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
SA EPA Waste Fill																														
SA Intermediate Waste Soil																														
SA Low Level Waste Soil																														
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																										
SB95	SB95_0.9-1.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-
SB96	SB96_0.5-0.7	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-
SB106	SB106_0.0-0.2	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB106	SB106_2.1-2.3	F	29-May-23	995383	0.4	0.24	0.56	0.42	<0.003	<0.02	14	2	4.6	<0.02	-	44	11,000	7.9	-	-	-	-	-	5.9	59	<0.005	7	40	100	<0.1	0.11
SB107	SB107_0.0-0.2	F	30-May-23	995189	0.26	0.029	0.37	0.45	<0.003	<0.02	23	2	7.8	<0.02	-	-	-	-	-	-	-	-	-	-	150	8.2	-	15	95	5.1	-
SB107	SB107_2.2-2.4	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
SB111	SB111_0-0.2	F	29-May-23	995383	0.32	0.035	0.34	0.4	<0.003	<0.02	23	2	6.1	<0.02	-	-	-	-	-	-	-	-	-	-	130	3.9	-	19	97	3	-
SB111	SB111_1.4-1.7	F	29-May-23	995383	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	11	<0.5	<0.5	<0.1	<0.1	-	-	-	-	24	-	-	-
SB173	SB173_0.0-0.2	F	30-May-23	995189	0.3	0.027	0.32	0.38	<0.003	<0.02	20	2	5.5	<0.02	-	-	-	-	-	-	-	-	-	-	120	27	-	14	81	19	-
SB173	SB173_1.8-2.0	F	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-
SB93	SB93_0.7-1.0	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-
SB94	SB94_0.5-0.8	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8	<0.5	<0.5	<0.1	<0.1	-	-	-	-	14	-	-	-
SB94	SB94_0.8-1.0	G	26-May-23	994339	0.44	0.055	0.41	0.47	<0.003	<0.02	28	2	8.3	<0.02	-	-	-	-	-	-	-	-	-	-	120	38	-	15	75	25	-
SB94	SB94_0-0.2	G	26-May-23	994339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
SB108	SB108_0.0-0.2	G	30-May-23	995189	0.27	0.059	0.29	0.3	<0.003	<0.02	12	2	4	<0.02	-	-	-	-	-	-	-	-	-	-	19	5.3	-	16	78	22	-
SB108	SB108_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	12	-	-	-
SB108	SB108_2.1-2.3	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-
SB108	SB108_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	-	-	-
SB109	SB109_0.0-0.2	G	30-May-23	995189	0.21	0.039	0.34	0.4	<0.003	<0.02	18	2	6.2	<0.02	-	-	-	-	-	-	-	-	-	-	160	6.1	-	13	96	3.8	-
SB109	SB109_0.8-1.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB109	SB109_2.8-3.0	G	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
SB90	SB90_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-
SB91	SB91_0.0-0.2	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
SB91	SB91_0.6-0.8	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-
SB92	SB92_0.8-1.0	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-
SB110	SB110_0.9-1.1	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	13	-	-	-
SB110	SB110_2.1-2.3	H	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-
SB110	SB110_2.7-3.0	H	30-May-23	995189	0.24	<0.005	0.18	0.24	<0.003	<0.02	38	2	13	<0.02	-	-	-	-	-	-	-	-	-	-	130	<0.005	-	27	100	<0.1	-
SB101	SB101_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB102	SB102_0.0-0.3	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-
SB102	SB102_0.8-1.0	I	30-May-23	995189	0.2	0.032	0.41	0.49	<0.003	<0.02	21	2	7.3	<0.02	-	-	-	-	-	-	-	-	-	-	140	1.8	-	11	99	1.3	-
SB103	SB103_0.8-1.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-
SB174	SB174_0.0-0.2	I	30-May-23	995189	0.26	0.027	0.24	0.28	<0.003	<0.02	17	2	4.6	<0.02	-	-	-	-	-	-	-	-	-	-	160	3.9	-	14	98	2.5	-
SB174	SB174_1.3-1.5	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	13	-	-	-
SB174	SB174_1.7-1.9	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-
SB174	SB174_2.7-3.0	I	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	130	8600	12	-	-	-	-	-	11	-	-	13	60	-	-	0.34
SB99	SB99_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB113	SB113_0.0-0.2	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB113	SB113_0.8-1.0	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	13	-	-	-
SB113	SB113_2.3-2.5	J	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-
SB113	SB113_2.8-3.0	J	30-May-23	995189	1.1	<0.005	0.14	0.18	<0.003	<0.02	79	2	21	<0.02	-	-	-	-	-	-	-	-	-	-	140	<0.005	-	33	100	<0.1	-
SB97	SB97_0.3-0.5	K	30-May-23	998606	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB97	SB97_0.7-1.0	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	19	-	-	-
SB98	SB98_0.4-0.6	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB114	SB114_0.0-0.2	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	17	-	-	-
SB114	SB114_0.3-0.5	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-
SB114	SB114_1.5-1.8	K	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-
SB114	SB114_2.8-3.0	K	30-May-23	995189	0.75	<0.005	0.15	0.2	<0.003	<0.02	75	2	21	<0.02	-	-	-	-	-	-	-	-	-	-	150	<0.005	-	33	100	<0.1	-
SB104	SB104_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-	-	-	-	-	-	-	13	-	-	-
SB105	SB105_0.0-0.2	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-
SB105	SB105_0.3-0.5	L	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	9	<0.5	<0.5	<0.1	<0.1	-	-	-	-	8.2	-	-	-

SOIL RESULTS SUMMARY (AREA B AND C) - 2023 DATA VS OFFSITE DISPOSAL / RESUSE CRITERIA
Project Number: 67064
Project Name: NPSCY EIS

				Acid Sulphate Soils (cont.)										Sulfur Comp	EIL Site Specific Calculation											Other			
				KCl Extractable Calcium	KCl Extractable Magnesium	Magnesium in Peroxide	sulfidic - Acid Reacted Magnesium	sulfidic - Titratable Actual Acidity	sulfidic - Titratable Peroxide Acidity	Acid Neutralising Capacity (%CACO3)	HCl Extractable Sulfur Correction Factor	sulfidic - Acid Reacted Calcium	sulfidic - Titratable Sulfidic Acidity	Carbon disulfide	CEC	Conductivity (1:5 aqueous extract)	pH (Lab)	pH (aqueous extract)	Chlorinated Hydrocarbons EPAVic	Other Chlorinated Hydrocarbons EPAVic	Organochlorine Pesticides EPAVic	Other Organochlorine Pesticides EPAVic	% Clay*	<2mm Fraction	>2mm Fraction	TOC	Moisture Content (dried @ 103°C)	Analysed Material	Extraneous Material	Iron (%)
				%	%	%	%S	%S	%S	% CACO3	FACTOR	%S	%S	mg/kg	MEQ/100G	US/CM	pH Units	pH Units	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	%	%	%	%
PQL				0.005	0.005	0.005	0.005	0.003	0.02	0.02	1	0.005	0.02	0.5	0.05	10	0.1	0.1	0.5	0.5	0.1	0.1	1	0.005	0.005	0.1	1	0.1	0.1	0.01
SA EPA Waste Fill																													
SA Intermediate Waste Soil																													
SA Low Level Waste Soil																													
Location	**Field ID**	**CT**	**Sample Date**	**Lab Report**																									
SB105	SB105_0.7-1.0	L	31-May-23	996096	2.1	<0.005	0.22	0.29	<0.003	<0.02	78	2	22	<0.02	-	-	-	-	-	-	-	-	-	-	170	28	-	16	85	15	-
SB112	SB112_1.5-1.8	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	25	-	-	-
SB112	SB112_1.9-2.2	L	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	-	-	-
SB130	SB130_2.7-3.0	M	30-May-23	995189	1	<0.005	0.094	0.12	<0.003	<0.02	85	2	29	<0.02	-	-	-	-	-	-	-	-	-	-	140	<0.005	-	28	100	<0.1	-
SB123	SB123_0.0-0.2	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB123	SB123_0.8-1.0	N	30-May-23	995189	0.26	0.037	0.27	0.31	<0.003	<0.02	14	2	5	<0.02	-	-	-	-	-	-	-	-	-	-	150	11	-	15	93	7.2	-
SB132	SB132_2.7-3.0	N	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	-	-
SB115	SB115_0.0-0.2	O	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	-	-	-	-	-	-	-	-	-	6.3	-	-	-
SB125	SB125_0.0-0.2	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	-	-
SB125	SB125_2.4-2.6	O	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-
SB125	SB125_2.8-3.0	O	30-May-23	995189	1.2	<0.005	0.29	0.38	<0.003	<0.02	64	2	22	<0.02	-	-	-	-	-	-	-	-	-	-	89	<0.005	-	30	100	<0.1	-
SB122	SB122_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-
SB131	SB131_0.0-0.2	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB131	SB131_1.3-1.5	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-
SB131	SB131_1.5-1.8	P	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
SB131	SB131_2.8-3.0	P	30-May-23	995189	2.1	<0.005	0.16	0.21	<0.003	<0.02	60	2	19	<0.02	-	-	-	-	-	-	-	-	-	-	120	<0.005	-	27	100	<0.1	-
SB133	SB133_0.6-0.8	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	13	-	-	-
SB133	SB133_2.3-2.5	Q	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	-	-	-
SB133	SB133_2.8-3.0	Q	30-May-23	995189	3.7	<0.005	0.16	0.21	<0.003	<0.02	67	2	20	<0.02	-	-	-	-	-	-	-	-	-	-	170	<0.005	-	27	100	<0.1	-
SB116	SB116_0.0-0.2	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-
SB116	SB116_0.7-1.0	R	31-May-23	996096	0.21	0.03	0.3	0.35	<0.003	<0.02	13	2	3.9	<0.02	-	-	-	-	-	-	-	-	-	-	120	12	-	7.6	91	9.2	-
SB126	SB126_0.8-1.1	R	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-
SB118	SB118_0.0-0.2	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	9.6	<0.5	<0.5	<0.1	<0.1	-	-	-	-	5.2	-	-	-
SB118	SB118_0.3-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	-	-	-
SB127	SB127_0.0-0.3	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1	-	-	-
SB127	SB127_0.4-0.6	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8.8	<0.5	<0.5	<0.1	<0.1	-	-	-	-	9.6	-	-	-
SB127	SB127_2.3-2.5	S	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-	-	-
SB127	SB127_2.8-3.0	S	31-May-23	996096	2.2	<0.005	0.26	0.34	<0.003	<0.02	82	2	22	<0.02	-	-	-	-	-	-	-	-	-	-	180	<0.005	-	31	100	<0.1	-
SB120	SB120_0.5-0.7	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	11	<0.5	<0.5	<0.1	<0.1	-	-	-	-	28	-	-	-
SB128	SB128_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	-	-	-
SB128	SB128_0.2-0.5	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	8.7	<0.5	<0.5	<0.1	<0.1	-	-	-	-	12	-	-	-
SB128	SB128_1.7-2.0	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-
SB128	SB128_2.8-3.0	T	31-May-23	996096	1.2	<0.005	0.23	0.31	<0.003	<0.02	28	2	7.4	<0.02	-	-	-	-	-	-	-	-	-	-	160	19	-	19	89	11	-
SB129	SB129_0.0-0.2	T	31-May-23	996096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-	6.9	-	-	-
SB163	SB163_0.0-0.2	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	14	-	-	-
SB163	SB163_0.8-1.0	W	30-May-23	995189	0.24	0.077	0.49	0.54	<0.003	<0.02	52	2	18	<0.02	-	-	-	-	-	-	-	-	-	-	110	0.7	-	28	99	0.7	-
SB164	SB164_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	-
SB165	SB165_0.0-0.3	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	13	-	-	-
SB165	SB165_0.7-1.0	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-
SB166	SB166_0.0-0.2	W	30-May-23	995189	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	<0.5	<0.1	<0.1	-	-	-	-	21	-	-	-

2024 Groundwater Summary Tables

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SUMMARY OF GROUNDWATER FIELD PARAMETERS: JUNE 2024
Project Number: 67064
Project Name: NPSCY EIS

Well ID	Date	LNAPL	SWL (13-Jun-24)	RL	RWL	Total Depth	Completion	Dissolved Oxygen	Conductivity	pH	Redox	Redox	Temperature	Sample Information	Sample Observations
		mTOC	mTOC	mAHD	mAHD	mTOC		ppm	mS/cm		mV	SHE	°C		
CGW01	13-Jun-24	-	1.849	2.801	0.952	4.041	Gatic	0.43	42.9	12.57	-132.7	66.3	19.5	Low flow methods: total of 2.3 L purged over 18 minutes (approx flow rate of 120 ml/min), negligable drawdown	High turbidity, no odour, no sheen, no foam (shaker test)
CGW02	*Blocked- unable to sample*														
CGW03	14-Jun-24	-	1.912	2.856	0.944	4.709	Gatic	8.67	-	8.51	-94.4	104.6	16.5	Low flow methods: total of 1.8 L purged over 18 minutes (approx flow rate of 100 ml/min), no drawdown	High turbidity, no odour, no sheen, no foam (shaker test)
FGW01	14-Jun-24	-	2.146	3.068	0.922	4.490	Gatic	0.00	18.6	12.55	-97.0	102.0	20.0	Low flow methods: total of 2.1 L purged over 15 minutes (approx flow rate of 140 ml/min),705 mm drawdown	High turbidity, sulfur odour, no sheen, foam observed (shaker test)
FGW03	14-Jun-24	-	2.792	3.309	0.517	4.490	Gatic	0.00	34.0	9.43	-329.8	-130.8	20.6	Low flow methods: total of 2.5 L purged over 31 minutes (approx flow rate of 80 ml/min), 70 mm drawdown	High turbidity, no odour, no sheen, no foam (shaker test)
MW01	14-Jun-24	-	1.998	3.632	1.634	4.877	Gatic	0.00	13.8	8.33	-251.5	-52.5	18.4	Low flow methods: total of 2.5 L purged over 15 minutes (approx flow rate of 160 ml/min), no drawdown	High turbidity, no odour, no sheen, no foam (shaker test)
MW02	14-Jun-24	-	1.393	2.075	0.682	3.752	Gatic	0.00	8.9	12.16	-269.5	-70.5	17.7	Low flow methods: total of 1.8 L purged over 12 minutes (approx flow rate of 150 ml/min), negligable drawdown	High turbidity, no odour, no sheen, no foam (shaker test)
MW03	14-Jun-24	-	2.448	2.917	0.469	4.950	Gatic	0.00	66.0	9.38	-478.1	-279.1	20.6	Low flow methods: total of 3.3 L purged over 24 minutes (approx flow rate of 130 ml/min), negligable drawdown	Low turbidity, slight sulfur odour, no sheen, no foam (shaker test)
MW04	13-Jun-24	-	2.554	2.982	0.428	4.412	Gatic	8.43	48.1	9.16	-220.4	-21.4	18.4	Low flow methods: total of 3 L purged over 18 minutes (approx flow rate of 160 ml/min), negligable drawdown	High turbidity, hydrocarbon odour, possible hydrocarbon sheen, some foam (shaker test)
MW05	14-Jun-24	-	2.016	2.896	0.880	4.419	Gatic	0.00	79.8	12.22	-575.1	-376.1	18.6	Low flow methods: total of 1.7 L purged over 15 minutes (approx flow rate of 110 ml/min), 53mm drawdown	High turbidity, sulfur odour, possible hydrocarbon sheen, no foam observed (shaker test)
MW06	14-Jun-24	-	2.706	2.775	0.069	5.001	Gatic	0.00	45.6	12.44	-505.0	-306.0	18.2	Low flow methods: total of 1.8 L purged over 15 minutes (approx flow rate of 120 ml/min), >550mm drawdown	High turbidity, no odour, no sheen, no foam (shaker test)
MW07	14-Jun-24	-	2.106	2.929	0.823	4.543	Gatic	0.00	68.5	12.22	-578.8	-379.8	19.3	Low flow methods: total of 1.7 L purged over 15 minutes (approx flow rate of 110 ml/min), 12mm drawdown	Medium turbidity, sulfur odour, possible hydrocarbon sheen, no foam (shaker test)
MW08	14-Jun-24	-	2.122	2.913	0.791	4.599	Gatic	0.00	42.5	12.55	-506.8	-307.8	20.1	Low flow methods: total of 1.8 L purged over 15 minutes (approx flow rate of 120 ml/min), 11mm drawdown	High turbidity, no odour, no sheen, some foam (shaker test)
GW01	13-Jun-24	-	2.998	3.418	0.420	5.230	Standpipe (0.64m)	8.58	25.3	6.72	-287.1	-88.1	17.6	Low flow methods: total of 3 L purged over 22 minutes (approx flow rate of 130 ml/min), no drawdown	Medium turbidity, sulfur odour, no sheen, no foam (shaker test)
GW02	13-Jun-24	-	3.083	3.994	0.911	4.630	Standpipe (0.9m)	8.93	109.3	7.40	-285.4	-86.4	16.2	Low flow methods: total of 3 L purged over 18 minutes (approx flow rate of 160 ml/min), negligable drawdown	Medium turbidity, no odour, no sheen, some foam (shaker test)
GW03	13-Jun-24	-	1.398	2.288	0.890	4.412	Standpipe (1m)	2.52	62.4	6.47	-297.8	-98.8	16.2	Low flow methods: total of 2.5 L purged over 15 minutes (approx flow rate of 160 ml/min), no drawdown	Medium turbidity, sulfur odour, no sheen, no foam (shaker test)

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GROUNDWATER RESULTS SUMMARY: JUNE 2024
Project Number: 67064
Project Name: NPSCY EIS

				Metals & Metalloids											TPH	TRHs (NEPC 2013)							TRHs (NEPC 2013) - after silica gel cleanup			
				Arsenic (filtered)	Cadmium (filtered)	Chromium (hexavalent)	Chromium (III+VI) (filtered)	Copper (filtered)	Lead (filtered)	Mercury (filtered)	Molybdenum (filtered)	Nickel (filtered)	Selenium (filtered)	Zinc (filtered)	Oil and Grease	C6-C10	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)	F1 (C6-C10 minus BTEX)	F2 (C10-C16 less Naphthalene)	C10-C16	C16-C34	C34-C40	C10-C40 (Sum of total)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LOR				0.001	0.0002	0.005	0.001	0.001	0.001	0.0001	0.005	0.001	0.001	0.005	10	0.02	0.05	0.1	0.1	0.1	0.02	0.05	0.05	0.1	0.1	0.1
ADWG (NHMRC 2018) Drinking Water - Health				0.01	0.002	0.05		2	0.01	0.001	0.05	0.02	0.01													
ADWG (NHMRC 2018) Drinking Water - Aesthetic								1						3												
PFAS NEMP (HEPA 2020) Drinking Water - Health																										
WHO (2018) Drinking Water - Health																										
ADWG (NHMRC 2018) Drinking Water - Health x10				0.1	0.02	0.5		20	0.1	0.01	0.5	0.2	0.1													
ADWG (NHMRC 2018) Drinking Water - Aesthetic								1						3												
PFAS NEMP (HEPA 2020) Recreational Water - Health																										
WHO (2018) Drinking Water - Health x10																										
ANZG (2018) Marine Water, 95% species protect					0.0055	0.0044	0.027	0.0013	0.0044	0.0004		0.07		0.015												
ANZG (2018) Marine Water, low reliability																										
PFAS NEMP (HPEA 2020) Interim marine, 95% species protect																										
ANZG (2018) Freshwater, 95% species protection				0.013	0.0002	0.001		0.0014	0.0034	0.0006		0.011	0.011	0.008												
ANZG (2018) Freshwater, low reliability							0.0033[#1]				0.034															
PFAS NEMP (HEPA 2020) Freshwater, 95% species protect																										
AWQG (ANZECC 2000) Irrigation, long term				0.1	0.01		0.1	0.2	2	0.002	0.01	0.2	0.02	2												
AWQD (ANZECC 2000) Irrigation, short term				2	0.05		1	5	5	0.002	0.05	2	0.05	5												
AWQD (ANZECC 2000) Aquaculture								1						5												
ASC NEPM (NEPC 2013) Vapour Intrusion HSLs: Commercial, Sand, 2m to <4m																				6	NL					
Well ID	**Area**	**Date**	**Lab Report**																							
CGW01	A	14 Jun 2024	1108479	0.27	<0.001	<0.05	0.013	0.028	<0.01	<0.0005	0.33	0.027	0.098	<0.01	-	<0.4	<0.05	<0.1	<0.1	<0.1	<0.4	<0.05	-	-	-	-
CGW03	A	14 Jun 2024	1108479	0.15	<0.001	<0.1	0.010	0.026	<0.01	<0.0005	0.13	0.037	<0.01	<0.01	-	<2	<0.05	<0.1	<0.1	<0.1	<2	<0.05	-	-	-	-
FGW01	A	14 Jun 2024	1108479 / 1111447	0.019	<0.001	<0.05	<0.01	<0.01	<0.01	<0.001	<0.05	0.13	0.021	<0.01	-	<0.4	0.39	<0.1	<0.1	0.39	<0.4	0.39	<0.05	<0.1	<0.1	<0.1
FGW03	A	14 Jun 2024	1108479 / 1111447	0.25	<0.01	<0.1	0.16	<0.1	<0.1	<0.005	<0.5	0.38	<0.1	<0.2	-	<2	0.31	<0.1	<0.1	0.31	<2	0.31	<0.05	<0.1	<0.1	<0.1
MW01	A	14 Jun 2024	1108479 / 1111447	0.023	<0.001	<0.1	<0.01	<0.01	<0.01	<0.0005	<0.05	0.007	<0.01	<0.01	-	<2	0.27	<0.1	<0.1	0.27	<2	0.27	<0.05	<0.1	<0.1	<0.1
MW02	A	14 Jun 2024	1108479 / 1111447	<0.1	<0.01	<0.1	<0.1	<0.1	<0.1	<0.005	<0.5	0.17	<0.1	<0.2	-	<2	0.29	<0.1	<0.1	0.29	<2	0.29	<0.05	<0.1	<0.1	<0.1
MW06	A	14 Jun 2024	1108479 / 1111447	0.24	<0.01	<0.1	<0.1	<0.1	<0.1	<0.01	0.68	0.56	<0.1	<0.2	-	<2	0.33	<0.1	<0.1	0.33	<2	0.33	<0.05	<0.1	<0.1	<0.1
MW08	A	14 Jun 2024	1108479 / 1111447	<0.01	<0.001	<0.005	<0.01	<0.01	<0.005	0.0017	<0.05	0.021	1.3	<0.01	-	0.03	0.54	<0.1	<0.1	0.54	0.03	0.54	<0.05	<0.1	<0.1	<0.1
MW03	B	14 Jun 2024	1108479 / 1111447	0.012	<0.0002	<0.05	<0.001	<0.001	<0.001	0.0001	<0.005	0.024	0.11	<0.005	-	<0.02	0.25	<0.1	<0.1	0.25	<0.02	0.25	<0.05	<0.1	<0.1	<0.1
MW04	B	13 Jun 2024	1108479 / 1111447	0.14	<0.02	<0.25	<0.1	<0.1	<0.1	<0.01	<0.5	0.18	1.4	<0.1	20	0.06	1.0	0.2	<0.1	1.2	0.06	1	<0.05	<0.1	<0.1	<0.1
MW05	B	14 Jun 2024	1108479 / 1111447	0.031	<0.001	<0.05	<0.01	<0.01	<0.01	0.0025	0.077	0.18	0.036	<0.02	-	<2	1.6	0.1	<0.1	1.7	<2	1.6	<0.05	<0.1	<0.1	<0.1
MW07	B	14 Jun 2024	1108479 / 1111447	0.089	<0.001	<0.05	0.010[#2]	<0.01	<0.01	<0.0005	0.22	0.29[#2]	0.10	<0.02	-	<2	1.0	0.4[#2]	<0.1	1.3	0.07[#2]	1	<0.05	<0.1	<0.1	<0.1
GW01	C	13 Jun 2024	1107846	0.003	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	0.001	<0.005	<0.025	24	<0.2	<0.05	<0.1	<0.1	<0.1	<0.2	<0.05	-	-	-	-
GW02	C	13 Jun 2024	1107846	0.003	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	0.014	<0.025	34	<0.5	<0.05	<0.1	<0.1	<0.1	<0.5	<0.05	-	-	-	-
GW03	C	13 Jun 2024	1107846	0.14	<0.002	<0.005	<0.01	<0.01	<0.01	<0.001	<0.05	<0.01	0.021	<0.01	37	<0.02	<0.05	<0.1	<0.1	<0.1	<0.02	<0.05	-	-	-	-

Notes:
#1: Indicative interim working level.
#2: Concentration reported in duplicate / triplicate sample displayed as this concentration was higher than that reported in the primary sample.

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GROUNDWATER RESULTS SUMMARY: JUNE 2024
Project Number: 67064
Project Name: NPSCY EIS

				BTEXN							PAH																
				Benzene	Toluene	Ethylbenzene	Xylene (o)	Xylene (m & p)	Xylene Total	Naphthalene_VOC	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b+j)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LOR				0.001	0.001	0.001	0.001	0.002	0.003	0.01	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
ADWG (NHMRC 2018) Drinking Water - Health				0.001	0.8	0.3			0.6						0.00001												
ADWG (NHMRC 2018) Drinking Water - Aesthetic					0.025	0.003			0.02																		
PFAS NEMP (HEPA 2020) Drinking Water - Health																											
WHO (2018) Drinking Water - Health																											
ADWG (NHMRC 2018) Drinking Water - Health x10				0.01	8	3			6						0.0001												
ADWG (NHMRC 2018) Drinking Water - Aesthetic					0.025	0.003			0.02																		
PFAS NEMP (HEPA 2020) Recreational Water - Health																											
WHO (2018) Drinking Water - Health x10																											
ANZG (2018) Marine Water, 95% species protect				0.7																				0.07			
ANZG (2018) Marine Water, low reliability					0.18	0.08	0.35						0.00001		0.0001						0.001				0.0006		
PFAS NEMP (HPEA 2020) Interim marine, 95% species protect																											
ANZG (2018) Freshwater, 95% species protection				0.95			0.35																	0.016			
ANZG (2018) Freshwater, low reliability					0.18	0.08							0.00001		0.0001						0.001				0.0006		
PFAS NEMP (HEPA 2020) Freshwater, 95% species protect																											
AWQG (ANZECC 2000) Irrigation, long term																											
AWQD (ANZECC 2000) Irrigation, short term																											
AWQD (ANZECC 2000) Aquaculture					0.25	0.25					0.02													1			
ASC NEPM (NEPC 2013) Vapour Intrusion HSLs: Commercial, Sand, 2m to <4m				5	NL	NL			NL	NL																	
Well ID	**Area**	**Date**	**Lab Report**																								
CGW01	A	14 Jun 2024	1108479	<0.02	<0.02	<0.02	<0.02	<0.04	<0.06	<0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
CGW03	A	14 Jun 2024	1108479	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
FGW01	A	14 Jun 2024	1108479 / 1111447	<0.02	<0.02	<0.02	<0.02	<0.04	<0.06	<0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
FGW03	A	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW01	A	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW02	A	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW06	A	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW08	A	14 Jun 2024	1108479 / 1111447	<0.001	0.001	<0.001	<0.001	<0.002	<0.003	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW03	B	14 Jun 2024	1108479 / 1111447	<0.001	<0.001	<0.001	<0.001	<0.002	<0.003	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW04	B	13 Jun 2024	1108479 / 1111447	<0.005	<0.005	<0.005	<0.005	<0.01	<0.015	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW05	B	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.2	<0.3	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW07	B	14 Jun 2024	1108479 / 1111447	<0.1	0.001[#2]	<0.1	<0.1	<0.2	<0.3	<0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	0.001
GW01	C	13 Jun 2024	1107846	<0.001	<0.001	<0.001	<0.001	<0.002	<0.003	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
GW02	C	13 Jun 2024	1107846	<0.001	<0.001	<0.001	<0.001	<0.002	<0.003	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
GW03	C	13 Jun 2024	1107846	<0.001	<0.001	<0.001	<0.001	<0.002	<0.003	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Notes:
#1: Indicative interim working level.
#2: Concentration reported in duplicate / triplicate sample displayed as this concentration was higher than that reported in the primary sample.

OFFICIAL

GROUNDWATER RESULTS SUMMARY: JUNE 2024
Project Number: 67064
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				Organochlorine Pesticides																						
				Pentachlorophenol	4,4-DDE	a-BHC	b-BHC	d-BHC	g-BHC (Lindane)	Aldrin	Dieldrin	Aldrin + Dieldrin	Chlordane	DDT	DDD	DDT+DDE+DDD	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	Endrin aldehyde	Endrin ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LOR				0.01	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.005
ADWG (NHMRC 2018) Drinking Water - Health				0.01					0.01			0.0003	0.002	0.009									0.0003			
ADWG (NHMRC 2018) Drinking Water - Aesthetic																										
PFAS NEMP (HEPA 2020) Drinking Water - Health																										
WHO (2018) Drinking Water - Health																0.001				0.0006						
ADWG (NHMRC 2018) Drinking Water - Health x10				0.1					0.1			0.003	0.02	0.09									0.003			
ADWG (NHMRC 2018) Drinking Water - Aesthetic																										
PFAS NEMP (HEPA 2020) Recreational Water - Health																										
WHO (2018) Drinking Water - Health x10																0.01				0.006						
ANZG (2018) Marine Water, 95% species protect				0.022																0.000008						
ANZG (2018) Marine Water, low reliability					0.0000005				0.000007	0.000003	0.00001		0.000001	0.0000004									0.0000004		0.000004	0.0000006
PFAS NEMP (HPEA 2020) Interim marine, 95% species protect																										
ANZG (2018) Freshwater, 95% species protection				0.01					0.0002				0.00008	0.00001						0.00002			0.00009			0.0002
ANZG (2018) Freshwater, low reliability					0.00003					0.000001	0.00001														0.000005	
PFAS NEMP (HEPA 2020) Freshwater, 95% species protect																										
AWQG (ANZECC 2000) Irrigation, long term																										
AWQD (ANZECC 2000) Irrigation, short term																										
AWQD (ANZECC 2000) Aquaculture				0.03																						
ASC NEPM (NEPC 2013) Vapour Intrusion HSLs: Commercial, Sand, 2m to <4m																										
Well ID	**Area**	**Date**	**Lab Report**																							
CGW01	A	14 Jun 2024	1108479	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
CGW03	A	14 Jun 2024	1108479	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
FGW01	A	14 Jun 2024	1108479 / 1111447	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
FGW03	A	14 Jun 2024	1108479 / 1111447	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
MW01	A	14 Jun 2024	1108479 / 1111447	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
MW02	A	14 Jun 2024	1108479 / 1111447	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
MW06	A	14 Jun 2024	1108479 / 1111447	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
MW08	A	14 Jun 2024	1108479 / 1111447	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
MW03	B	14 Jun 2024	1108479 / 1111447	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
MW04	B	13 Jun 2024	1108479 / 1111447	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
MW05	B	14 Jun 2024	1108479 / 1111447	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
MW07	B	14 Jun 2024	1108479 / 1111447	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
GW01	C	13 Jun 2024	1107846	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
GW02	C	13 Jun 2024	1107846	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005
GW03	C	13 Jun 2024	1107846	<0.01	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.005

Notes:
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GROUNDWATER RESULTS SUMMARY: JUNE 2024
Project Number: 67064
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				Chlorinated Alkanes																Chlorinated Alkenes									
				1,1,1,2-tetrachloroethane	1,1,1-trichloroethane	1,1,2,2-tetrachloroethane	1,1,2-trichloroethane	1,1-dichloroethane	1,2,3-trichloropropane	1,2-dichloroethane	1,2-dichloropropane	1,3-dichloropropane	Bromochloromethane	Carbon tetrachloride	Chloroethane	Chloromethane	Dichlorodifluoromethane	Dichloromethane	Trichlorofluoromethane	1,1-dichloroethene	3-chloropropene	4-chlorotoluene	cis-1,2-dichloroethene	cis-1,3-dichloropropene	Tetrachloroethene	trans-1,2-dichloroethene	trans-1,3-dichloropropene	Trichloroethene	Vinyl Chloride
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LOR				0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005	0.005	0.005	0.005	0.005	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.005
ADWG (NHMRC 2018) Drinking Water - Health										0.003				0.003				0.004		0.03					0.05			0.02	0.0003
ADWG (NHMRC 2018) Drinking Water - Aesthetic																													
PFAS NEMP (HEPA 2020) Drinking Water - Health																													
WHO (2018) Drinking Water - Health											0.04																		
ADWG (NHMRC 2018) Drinking Water - Health x10										0.03				0.03				0.04		0.3					0.5			0.2	0.003
ADWG (NHMRC 2018) Drinking Water - Aesthetic																													
PFAS NEMP (HEPA 2020) Recreational Water - Health																													
WHO (2018) Drinking Water - Health x10											0.4																		
ANZG (2018) Marine Water, 95% species protect							1.9																						
ANZG (2018) Marine Water, low reliability					0.27					1.9	0.9	1.1		0.24				4		0.7	0.003				0.07			0.33	0.1
PFAS NEMP (HPEA 2020) Interim marine, 95% species protect																													
ANZG (2018) Freshwater, 95% species protection							6.5																						
ANZG (2018) Freshwater, low reliability					0.27	0.4				1.9	0.9	1.1		0.24				4		0.7	0.003				0.07			0.33	0.1
PFAS NEMP (HEPA 2020) Freshwater, 95% species protect																													
AWQG (ANZECC 2000) Irrigation, long term																													
AWQD (ANZECC 2000) Irrigation, short term																													
AWQD (ANZECC 2000) Aquaculture																													
ASC NEPM (NEPC 2013) Vapour Intrusion HSLs: Commercial, Sand, 2m to <4m																													
Well ID	**Area**	**Date**	**Lab Report**																										
CGW01	A	14 Jun 2024	1108479	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1
CGW03	A	14 Jun 2024	1108479	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
FGW01	A	14 Jun 2024	1108479 / 1111447	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.1
FGW03	A	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
MW01	A	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
MW02	A	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
MW06	A	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
MW08	A	14 Jun 2024	1108479 / 1111447	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
MW03	B	14 Jun 2024	1108479 / 1111447	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
MW04	B	13 Jun 2024	1108479 / 1111447	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.025	<0.025	<0.025	<0.025	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.025
MW05	B	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
MW07	B	14 Jun 2024	1108479 / 1111447	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
GW01	C	13 Jun 2024	1107846	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
GW02	C	13 Jun 2024	1107846	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
GW03	C	13 Jun 2024	1107846	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005

Notes:
#1: Indicative interim working level.
#2: Concentration reported in duplicate / triplicate sample displayed as this concentration was higher than that reported in the primary sample.

OFFICIAL

GROUNDWATER RESULTS SUMMARY: JUNE 2024
Project Number: 67064
Project Name: NPSCY EIS

				Acetone	Polychlorinated Biphenyls								Phenols																	
				Acetone	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	PCBs (Sum of total)	2,4,5-trichlorophenol	2,4,6-trichlorophenol	2,4-dichlorophenol	2,4-dimethylphenol	2,4-dinitrophenol	2,6-dichlorophenol	2-chlorophenol	2-Methylphenol	2-nitrophenol	3&4-Methylphenol (m&p-cresol)	4,6-Dinitro-2-methylphenol	4,6-Dinitro-o-cyclohexyl phenol	4-Chloro-3-Methylphenol	4-nitrophenol	Cresol Total	Phenol	Tetrachlorophenols	Phenols (Total Halogenated)	Phenols (Total Non Halogenated)
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LOR				0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.01	0.003	0.003	0.03	0.003	0.003	0.003	0.01	0.006	0.03	0.1	0.01	0.03	0.01	0.003	0.03	0.01	0.1
ADWG (NHMRC 2018) Drinking Water - Health				14										0.02	0.2				0.3												
ADWG (NHMRC 2018) Drinking Water - Aesthetic														0.002	0.0003				0.0001												
PFAS NEMP (HEPA 2020) Drinking Water - Health																															
WHO (2018) Drinking Water - Health																															
ADWG (NHMRC 2018) Drinking Water - Health x10				140										0.2	2				3												
ADWG (NHMRC 2018) Drinking Water - Aesthetic														0.002	0.0003				0.0001												
PFAS NEMP (HEPA 2020) Recreational Water - Health																															
WHO (2018) Drinking Water - Health x10																															
ANZG (2018) Marine Water, 95% species protect																												0.4			
ANZG (2018) Marine Water, low reliability								0.0003		0.00001			0.004	0.003	0.12	0.002	0.045	0.034	0.34		0.002					0.058					
PFAS NEMP (HPEA 2020) Interim marine, 95% species protect																															
ANZG (2018) Freshwater, 95% species protection								0.0006		0.00003				0.02	0.16		0.045		0.49									0.32			
ANZG (2018) Freshwater, low reliability													0.0005			0.002		0.034			0.002					0.058					
PFAS NEMP (HEPA 2020) Freshwater, 95% species protect																															
AWQG (ANZECC 2000) Irrigation, long term																															
AWQD (ANZECC 2000) Irrigation, short term																															
AWQD (ANZECC 2000) Aquaculture														0.002	0.0001-0.014	0.4		0.03	0.0001-0.015	0.4					0.02-3			1-10			
ASC NEPM (NEPC 2013) Vapour Intrusion HSLs: Commercial, Sand, 2m to <4m																															
Well ID	**Area**	**Date**	**Lab Report**																												
CGW01	A	14 Jun 2024	1108479	<0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	<0.003	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	<0.01	<0.003	<0.03	<0.01	<0.1
CGW03	A	14 Jun 2024	1108479	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	<0.003	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	<0.01	<0.003	<0.03	<0.01	<0.1
FGW01	A	14 Jun 2024	1108479 / 1111447	1.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	0.032	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	0.03	0.073	<0.03	<0.01	0.1
FGW03	A	14 Jun 2024	1108479 / 1111447	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	<0.003	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	<0.01	<0.003	<0.03	<0.01	<0.1
MW01	A	14 Jun 2024	1108479 / 1111447	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	0.016	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	0.02	0.20	<0.03	<0.01	0.2
MW02	A	14 Jun 2024	1108479 / 1111447	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	0.018	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	0.02	0.24	<0.03	<0.01	0.3
MW06	A	14 Jun 2024	1108479 / 1111447	2.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	0.005	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	<0.01	0.032	<0.03	<0.01	<0.1
MW08	A	14 Jun 2024	1108479 / 1111447	0.43	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	0.004	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	<0.01	0.018	<0.03	<0.01	<0.1
MW03	B	14 Jun 2024	1108479 / 1111447	0.25	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	<0.003	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	<0.01	0.008	<0.03	<0.01	<0.1
MW04	B	13 Jun 2024	1108479 / 1111447	0.49	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	0.21	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	0.21	0.098	<0.03	<0.01	0.3
MW05	B	14 Jun 2024	1108479 / 1111447	2.6	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	0.057	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	0.06	0.61	<0.03	<0.01	0.7
MW07	B	14 Jun 2024	1108479 / 1111447	2.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	0.17	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	0.17	0.12	<0.03	<0.01	0.3
GW01	C	13 Jun 2024	1107846	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	<0.003	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	<0.01	<0.003	<0.03	<0.01	<0.1
GW02	C	13 Jun 2024	1107846	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	<0.003	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	<0.01	<0.003	<0.03	<0.01	<0.1
GW03	C	13 Jun 2024	1107846	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.003	<0.003	<0.03	<0.003	<0.003	<0.003	<0.01	<0.006	<0.03	<0.1	<0.01	<0.03	<0.01	<0.003	<0.03	<0.01	<0.1

Notes:
#1: Indicative interim working level.
#2: Concentration reported in duplicate / triplicate sample displayed as this concentration was higher than that reported in the primary sample.

GROUNDWATER RESULTS SUMMARY: JUNE 2024
Project Number: 67064
Project Name: NPSCY EIS

				PFAS																										
				Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluoroheptanoic acid (PFHpA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorodecanoic acid (PFDA)	Perfluoroundecanoic acid (PFUnDA)	Perfluorododecanoic acid (PFDoDA)	Perfluorotridecanoic acid (PFTrDA)	Perfluorotetradecanoic acid (PFTeDA)	Perfluorooctane sulfonamide (FOSA)	N-Methyl perfluorooctane sulfonamide (NMeFOSA)	N-Ethyl perfluorooctane sulfonamide (NEtFOSA)	N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)	N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	Perfluoropropanesulfonic acid (PFPrS)	Perfluorobutanesulfonic acid (PFBS)	Perfluoropentanesulfonic acid (PFPeS)	Perfluorohexanesulfonic acid (PFHxS)	Perfluoroheptane sulfonic acid (PFHpS)	Perfluorooctanesulfonic acid (PFOS)	Perfluorodecanesulfonic acid (PFDS)	1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)	1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)	1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
LOR				0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
ADWG (NHMRC 2018) Drinking Water - Health								0.56																	0.07		0.07				
ADWG (NHMRC 2018) Drinking Water - Aesthetic																															
PFAS NEMP (HEPA 2020) Drinking Water - Health								0.56																	0.07		0.07				
WHO (2018) Drinking Water - Health																															
ADWG (NHMRC 2018) Drinking Water - Health x10								5.6																	0.7		0.7				
ADWG (NHMRC 2018) Drinking Water - Aesthetic																															
PFAS NEMP (HEPA 2020) Recreational Water - Health								10																	2		2				
WHO (2018) Drinking Water - Health x10																															
ANZG (2018) Marine Water, 95% species protect																															
ANZG (2018) Marine Water, low reliability																															
PFAS NEMP (HPEA 2020) Interim marine, 95% species protect								220																			0.13				
ANZG (2018) Freshwater, 95% species protection																															
ANZG (2018) Freshwater, low reliability																															
PFAS NEMP (HEPA 2020) Freshwater, 95% species protect								220																			0.13				
AWQG (ANZECC 2000) Irrigation, long term																															
AWQD (ANZECC 2000) Irrigation, short term																															
AWQD (ANZECC 2000) Aquaculture																															
ASC NEPM (NEPC 2013) Vapour Intrusion HSLs: Commercial, Sand, 2m to <4m																															
Well ID	**Area**	**Date**	**Lab Report**																												
CGW01	A	14 Jun 2024	1108479	<0.05	<0.01	0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.02	<0.01	<0.01	0.03	<0.01	0.01	<0.01	<0.01	<0.05	<0.01
CGW03	A	14 Jun 2024	1108479	<0.05	<0.01	0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
FGW01	A	14 Jun 2024	1108479 / 1111447	<0.05	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	0.10	<0.01	0.04	<0.01	<0.01	<0.05	<0.01
FGW03	A	14 Jun 2024	1108479 / 1111447	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.05	<0.01
MW01	A	14 Jun 2024	1108479 / 1111447	<0.05	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	0.12	<0.01	0.17	<0.01	<0.01	<0.05	<0.01
MW02	A	14 Jun 2024	1108479 / 1111447	<0.05	<0.01	0.03	0.02	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.05	<0.01
MW06	A	14 Jun 2024	1108479 / 1111447	<0.05	<0.01	0.02	0.02	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	0.03	<0.01	0.03	<0.01	<0.01	<0.05	<0.01
MW08	A	14 Jun 2024	1108479 / 1111447	<0.05	<0.01	0.04	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
MW03	B	14 Jun 2024	1108479 / 1111447	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
MW04	B	13 Jun 2024	1108479 / 1111447	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
MW05	B	14 Jun 2024	1108479 / 1111447	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
MW07	B	14 Jun 2024	1108479 / 1111447	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	0.02[#2]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
GW01	C	13 Jun 2024	1107846	<0.05	0.02	0.03	0.02	0.03	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
GW02	C	13 Jun 2024	1107846	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01
GW03	C	13 Jun 2024	1107846	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01

Notes:
#1: Indicative interim working level.
#2: Concentration reported in duplicate / triplicate sample displayed as this concentration was higher than that reported in the primary sample.

GROUNDWATER RESULTS SUMMARY: JUNE 2024
Project Number: 67064
Project Name: NPSCY EIS

				PFAS (cont.)							MAH						Miscellaneous Hydrocarbons							Chlorinated Benzenes					Trihalomethanes			
				1H,1H,2H-perfluorododecanesulfonic acid (10:2 FTSA)	Sum of PFHxS and PFOS	Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*	Sum of US EPA PFAS (PFOS + PFOA)*	Sum of WA DWER PFAS (n=10)*	Sum of PFAS	Perfluorononanesulfonic acid ion	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Styrene	Total MAH	Bromobenzene	Isopropylbenzene	Methane	1,2-dibromoethane	Bromomethane	Dibromomethane	Iodomethane	4-Methyl-2-pentanone	Methyl Ethyl Ketone	1,2-Dichlorobenzene	1,3-dichlorobenzene	1,4-dichlorobenzene	Chlorobenzene	Hexachlorobenzene	Dibromochloromethane	Chloroform	Tribromomethane	Bromodichloromethane
				µg/L	µg/L	µg/L	µg/L	UG/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LOR				0.01	0.01	0.01	0.01	0.05	0.1	0.01	0.001	0.001	0.001	0.003	0.001	0.001	0.05	0.001	0.005	0.001	0.001	0.005	0.005	0.001	0.001	0.001	0.001	0.0002	0.001	0.005	0.001	0.001
ADWG (NHMRC 2018) Drinking Water - Health					0.07								0.03					0.001	0.001					1.5		0.04	0.3					
ADWG (NHMRC 2018) Drinking Water - Aesthetic													0.004											0.001	0.02	0.0003	0.01					
PFAS NEMP (HEPA 2020) Drinking Water - Health					0.07																											
WHO (2018) Drinking Water - Health																												0.1	0.3	0.1	0.06
ADWG (NHMRC 2018) Drinking Water - Health x10					0.7								0.3					0.01	0.01					15		0.4	3					
ADWG (NHMRC 2018) Drinking Water - Aesthetic													0.004											0.001	0.02	0.0003	0.01					
PFAS NEMP (HEPA 2020) Recreational Water - Health					2																											
WHO (2018) Drinking Water - Health x10																												1	3	1	0.6
ANZG (2018) Marine Water, 95% species protect																																
ANZG (2018) Marine Water, low reliability															0.03									0.16	0.26	0.06	0.055	0.00005		0.37		
PFAS NEMP (HPEA 2020) Interim marine, 95% species protect																																
ANZG (2018) Freshwater, 95% species protection																								0.16	0.26	0.06						
ANZG (2018) Freshwater, low reliability															0.03												0.055	0.00005		0.37		
PFAS NEMP (HEPA 2020) Freshwater, 95% species protect																																
AWQG (ANZECC 2000) Irrigation, long term																																
AWQD (ANZECC 2000) Irrigation, short term																																
AWQD (ANZECC 2000) Aquaculture													0.25		0.25									0.25			0.02					
ASC NEPM (NEPC 2013) Vapour Intrusion HSLs: Commercial, Sand, 2m to <4m																																
Well ID	**Area**	**Date**	**Lab Report**																													
CGW01	A	14 Jun 2024	1108479	<0.01	0.04	0.07	0.04	0.08	0.1	<0.01	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	0.23	<0.02	<0.1	<0.02	<0.02	<0.1	<0.1	<0.02	<0.02	<0.02	<0.02	<0.0002	<0.02	<0.02	<0.02	<0.02
CGW03	A	14 Jun 2024	1108479	<0.01	0.01	0.03	0.02	<0.05	<0.1	<0.01	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.05	<0.1	<0.5	<0.1	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.0002	<0.1	<0.1	<0.1	<0.1
FGW01	A	14 Jun 2024	1108479 / 1111447	<0.01	0.14	0.17	0.07	0.17	0.17	<0.01	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02	5.1	<0.02	<0.1	<0.02	<0.02	<0.1	0.20	<0.02	<0.02	<0.02	<0.02	<0.0002	<0.02	<0.02	<0.02	<0.02
FGW03	A	14 Jun 2024	1108479 / 1111447	<0.01	0.02	0.02	0.02	<0.05	<0.1	<0.01	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	18	<0.1	<0.5	<0.1	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.0002	<0.1	<0.1	<0.1	<0.1
MW01	A	14 Jun 2024	1108479 / 1111447	<0.01	0.29	0.29	0.17	0.31	0.31	<0.01	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	1.8	<0.1	<0.5	<0.1	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.0002	<0.1	<0.1	<0.1	<0.1
MW02	A	14 Jun 2024	1108479 / 1111447	<0.01	0.02	0.04	0.03	0.09	<0.1	<0.01	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	15	<0.1	<0.5	<0.1	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.0002	<0.1	<0.1	<0.1	<0.1
MW06	A	14 Jun 2024	1108479 / 1111447	<0.01	0.06	0.09	0.06	0.13	0.13	<0.01	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	1.5	<0.1	<0.5	<0.1	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.0002	<0.1	<0.1	<0.1	<0.1
MW08	A	14 Jun 2024	1108479 / 1111447	<0.01	<0.01	0.01	0.01	0.05	<0.1	<0.01	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	0.61	<0.001	<0.005	<0.001	<0.001	<0.005	0.052	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.005	<0.001	<0.001
MW03	B	14 Jun 2024	1108479 / 1111447	<0.01	<0.01	<0.01	<0.01	<0.05	<0.1	<0.01	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	6.3	<0.001	<0.005	<0.001	<0.001	<0.005	0.034	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.005	<0.001	<0.001
MW04	B	13 Jun 2024	1108479 / 1111447	<0.01	<0.01	<0.01	<0.01	<0.05	<0.1	<0.01	<0.005	<0.005	<0.005	<0.01	<0.005	<0.005	0.31	<0.005	<0.025	<0.005	<0.005	<0.025	0.11	<0.005	<0.005	<0.005	<0.005	<0.0002	<0.005	<0.025	<0.005	<0.005
MW05	B	14 Jun 2024	1108479 / 1111447	<0.01	<0.01	<0.01	<0.01	<0.05	<0.1	<0.01	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	14	<0.1	<0.5	<0.1	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.0002	<0.1	<0.1	<0.1	<0.1
MW07	B	14 Jun 2024	1108479 / 1111447	<0.01	<0.01	<0.01	<0.01	<0.05	<0.1	<0.01	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	13	<0.1	<0.5	<0.1	<0.1	<0.5	<0.5	<0.1	<0.1	<0.1	<0.1	<0.0002	<0.1	<0.1	<0.1	<0.1
GW01	C	13 Jun 2024	1107846	<0.01	<0.01	0.03	0.03	0.1	0.12	<0.01	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	0.10	<0.001	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.005	<0.001	<0.001
GW02	C	13 Jun 2024	1107846	<0.01	<0.01	<0.01	<0.01	<0.05	<0.1	<0.01	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	<0.05	<0.001	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.005	<0.001	<0.001
GW03	C	13 Jun 2024	1107846	<0.01	<0.01	<0.01	<0.01	<0.05	<0.1	<0.01	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	1.6	<0.001	<0.005	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	<0.0002	<0.001	<0.005	<0.001	<0.001

Notes:
#1: Indicative interim working level.
#2: Concentration reported in duplicate / triplicate sample displayed as this concentration was higher than that reported in the primary sample.

OFFICIAL

GROUNDWATER RESULTS SUMMARY: JUNE 2024
Project Number: 67064
Project Name: NPSCY EIS

				Herb.	Organotin								Sulfur	Cyanide	Nutrients								Other									
				Dinoseb	Monobutyltin	Monobutyltin (as Sn)	Dibutyltin	Dibutyltin (as Sn)	Tributyltin	Tributyltin as SN	Tributyltin oxide (TBTO)	Carbon disulfide	Cyanide Total	Ammonia as N	Nitrate (as N)	Nitrite (as N)	Nitrite + Nitrate as N	Nitrogen (Organic)	Nitrogen (Total)	Kjeldahl Nitrogen Total	Phosphate total (as P)	Chloride	Sulphate	pH (Lab)	BOD	Dissolved oxygen	Salinity	TDS	TSS	Turbidity		
				mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	MG/L	mg/L	mg/L	mg/L	mg/L	mg/L	MG/L	mg/L	mg/L	pH Units	mg/L	mg/L	mg/L	mg/L	mg/L	-		
LOR				0.1	7.5	5	10	5	12.5	5	12.5	0.001	0.005	0.01	0.02	0.02	0.05	0.2	0.2	0.2	0.01	1	5	0.1	5	0.01	10	10	5	1		
ADWG (NHMRC 2018) Drinking Water - Health											1		0.08		11.29	0.91							500									
ADWG (NHMRC 2018) Drinking Water - Aesthetic																						250	250	6.5-8.5				600		5		
PFAS NEMP (HEPA 2020) Drinking Water - Health																																
WHO (2018) Drinking Water - Health																																
ADWG (NHMRC 2018) Drinking Water - Health x10											10		0.8		112.9	9.1							5000									
ADWG (NHMRC 2018) Drinking Water - Aesthetic																						250	250	6.5-8.5				600		5		
PFAS NEMP (HEPA 2020) Recreational Water - Health																																
WHO (2018) Drinking Water - Health x10																																
ANZG (2018) Marine Water, 95% species protect										0.006				0.91																		
ANZG (2018) Marine Water, low reliability												0.02																				
PFAS NEMP (HPEA 2020) Interim marine, 95% species protect																																
ANZG (2018) Freshwater, 95% species protection													0.007	0.9																		
ANZG (2018) Freshwater, low reliability												0.02																				
PFAS NEMP (HEPA 2020) Freshwater, 95% species protect																																
AWQG (ANZECC 2000) Irrigation, long term															2.4				5													
AWQD (ANZECC 2000) Irrigation, short term															2.4				25													
AWQD (ANZECC 2000) Aquaculture																																
ASC NEPM (NEPC 2013) Vapour Intrusion HSLs: Commercial, Sand, 2m to <4m																																

Well ID	Area	Date	Lab Report																													
CGW01	A	14 Jun 2024	1108479	<0.1	-	-	-	-	-	-	-	<0.02	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CGW03	A	14 Jun 2024	1108479	<0.1	-	-	-	-	-	-	-	<0.1	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW01	A	14 Jun 2024	1108479 / 1111447	<0.1	-	-	-	-	-	-	-	<0.02	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FGW03	A	14 Jun 2024	1108479 / 1111447	<0.1	-	-	-	-	-	-	-	<0.1	0.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW01	A	14 Jun 2024	1108479 / 1111447	<0.1	-	-	-	-	-	-	-	<0.1	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW02	A	14 Jun 2024	1108479 / 1111447	<0.1	-	-	-	-	-	-	-	<0.1	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW06	A	14 Jun 2024	1108479 / 1111447	<0.1	-	-	-	-	-	-	-	<0.1	0.057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW08	A	14 Jun 2024	1108479 / 1111447	<0.1	<7.5	<5	<10	<5	<12.5	<5	<12.5	<0.001	0.083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW03	B	14 Jun 2024	1108479 / 1111447	<0.1	-	-	-	-	-	-	-	<0.001	0.067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW04	B	13 Jun 2024	1108479 / 1111447	<0.1	<7.5	<5	<10	<5	<12.5	<5	<12.5	0.006	0.15	130	<2	<2	15	80	230	210	6.2	100,000	10,000	12	2,200	0.51	83,000	83,000	170	6.0		
MW05	B	14 Jun 2024	1108479 / 1111447	<0.1	-	-	-	-	-	-	-	<0.1	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW07	B	14 Jun 2024	1108479 / 1111447	<0.1	-	-	-	-	-	-	-	<0.1	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GW01	C	13 Jun 2024	1107846	<0.1	<7.5	<5	<10	<5	<12.5	<5	<12.5	<0.001	<0.005	3.3	0.03	<0.02	<0.05	<0.2	3.4	3.4	0.05	19,000	3,000	7.5	6.3	9.6	46,000	46,000	97	11		
GW02	C	13 Jun 2024	1107846	<0.1	<7.5	<5	<10	<5	<12.5	<5	<12.5	<0.001	<0.005	1.2	0.03	<0.02	<0.05	0.3	1.5	1.5	0.46	18,000	3,000	7.4	6.3	9.4	29,000	29,000	140	4.6		
GW03	C	13 Jun 2024	1107846	<0.1	<7.5	<5	<10	<5	<12.5	<5	<12.5	0.002	<0.005	46	<0.2	<0.2	<0.5	16	62	62	0.77	21,000	2,000	7.3	190	9.5	91,000	91,000	120	460		

Notes:
#1: Indicative interim working level.
#2: Concentration reported in duplicate / triplicate sample displayed as this concentration was higher than that reported in the primary sample.

Appendix A Detailed Site Inspection Notes (Area 2 and 3)

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A summary of observations for each CT is included in **Table A.1** below, and shown in **Figure A1** (included in this appendix). Site photographs are also included.

Table A.1: Summary of Observations from Site Inspection for Area 2 and 3 (May 2023)

CT	Summary of Observations
A	• Several large ponds were present to receive dredge spoil, with formed tracks around the ponds. The ponds did not appear to have been used for some time, although there was some disturbance / reshaping of some areas observed. • One large pond was located centrally on the site, of approximate dimensions 150m by 150m. Three smaller elongated ponds were present to the south and east of the main central pond. The main pond had battered edges to approximately 3 m above the ground level inside and outside of the pond. • There were large areas of very dense vegetation, particularly in the western portion of this portion, as well as moderately dense vegetation in the central-western, northern and south-eastern areas of this portion. • There were two piles of rubbish (metal, piles of fill materials, gravel, concrete) observed in the central-western area of this portion of the site. • Three groundwater wells from previous environmental investigations, in addition to two unknown cased holes (possibly geotechnical boreholes or groundwater wells) were observed. • A drain was present to the south of this portion (discussed further under 'Portion E' below). This drain was open to the public, and minor rubbish was observed. • Two major gas lines were noted to pass through this portion and run to the Pelican Point Power Station – they were located near the western boundary, and towards the eastern boundary. • The eastern boundary of this portion was bounded by the Port River, and there was a breakwall formed from large concrete blocks and other fill materials running along this boundary. A fence was present along the south-eastern boundary of the site, which extended into the Port River, preventing public access to the site.
B	• This portion was generally flat and sparsely vegetated with the exception of the northern boundary and a dense patch near the north-western corner. • There was a transformer along the northern boundary, noting this was outside of the fence. • There was a small, mounded area observed along the western boundary fence, with the area west of the western fence at lower elevation (possibly for stormwater drainage). • Offsite, several stockpiles of rubble and similar materials were observed west of this portion and a small stormwater swale and drains were observed along the southern side of Pelican Point Road to the north of this portion.
C	• This portion was flat and sparsely vegetated with exception of the northern and southern boundaries.
D	• This portion was flat and sparsely vegetated with exception of the northern and eastern boundaries, and an area running north to south in the approximate centre of the site.
E	• This portion was generally flat, with sandy shelly material observed on the surface. The vegetation (low shrubs) was generally sparse in the eastern half of the portion, although the eastern fence line was densely vegetated consistent with other areas. • The ground level was lower onsite (inside the fenced area) than the road outside, and surface water pooling was considered likely after significant rainfall events. • A significant amount of rubbish (including fence poles, oil bottle [empty], timber, bricks, concrete, small piles of black rubble [possibly bitumen rubble], plastic, cans and bottles) was noted in the south-eastern corner, where the bitumen sealed road joins with the unsealed track. • There was mounding along the western fence line (appeared to consist of building rubble), with a swale present west of this fence.

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CT	Summary of Observations
	• Offsite, a large stormwater drain was present east of Mersey Road North.
F	• This portion was generally flat, with sandy shelly material observed on the surface. Vegetation (low shrubs) was generally spare with the exception of the western boundary, along the sides of the unsealed track (discussed further below), and in the south-east of this portion. • An unsealed track was present in the approximate middle of the area. This track was approximately 0.5m lower in elevation than the surrounding ground level, and surface water pooling was considered likely after significant rainfall events. • Two electrical transformers were present near the southern end of the unsealed track. • There was minor rubbish (cans, plastic, wooden pallets) observed at the southern end of unsealed track. • There was slightly mounded fill along the western fence line, and a swale directly west of the fence. • There was an area of wet ground in the south-east of this portion at the time of inspection.
G	• This portion was generally flat, with sandy shelly material observed on the surface. Vegetation consisted of sparse low shrubs across the site, with the eastern and north-eastern boundaries more densely vegetated with grass and weeds. • The southern half of this portion was wet at the time of inspection. • Some rubbish was noted along the northern boundary fence line (adjacent to the bitumen sealed road leading to the unsealed track on Portion E).
H	• This portion was generally flat, with sandy shelly material observed on the surface. Vegetation consisted of sparse low shrubs across the site, with the eastern boundary more densely vegetated with grass and weeds. There was a section of reedy vegetation in the eastern half of this portion. • The majority of the area was wet at the time of inspection.
I	• The ground surface was generally flat, however, there was some mounded soil along the eastern boundary of the portion. The surface soils were predominantly sandy with shells. Vegetation generally consisted to sparse low shrubs with some grasses, particularly near the eastern boundary. • Unsealed track around the southern and western boundaries of this portion. • A fence was present running approximately west to east through this portion (i.e. not corresponding to the CT boundary). • Some rubbish (including cans, wooden pallets, plastic etc) was observed near the eastern boundary. • Water pooling was observed in the north-eastern corner of this portion, on an unsealed track (extending from Portion F) which crosses this corner. • There was slightly mounded fill along the western fence line, and a former swale directly west of this portion.
J	• This portion was generally flat, with sandy shelly material observed on the surface. Vegetation consisted of sparse low shrubs across the site, more dense north of the fence (discussed below). • A fence was present running approximately west to east through this portion (i.e. not corresponding to the CT boundary). • This portion was publicly accessible, and some rubbish (including cans, bottles, minor plastic, timber) was observed across the site surface. • An area of disturbed soil approximately 4 m in diameter was observed near the centre of this portion, possibly the location of a former stockpile. • Some soil mounding was evident along the western boundary, possibly associated with the adjacent roadway. • A line of treated pine timber posts were present, assumed to be remnants of a former fence line.
K	• This portion was generally flat, with sandy shelly material observed on the surface. Vegetation consisted of sparse low shrubs across the site, more dense north of the fence (discussed below).

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CT	Summary of Observations
	• A fence was present running approximately west to east through this portion (i.e. not corresponding to the CT boundary). • A fragment of possible asbestos sheeting (approximately 4cm) was observed at the western end of the southern boundary. • An electrical transformer was observed east of the eastern boundary. • A line of treated pine timber posts were present, assumed to be remnants of a former fence line.
L and O	• These portions include the northern end of the newly constructed carpark. • The northern most area (a triangular shape, entirely within Portion L) was flat and unused. It had been cleared of vegetation. • The central area (across both Portion L and O) had been levelled and raised with road-base rubble, and was used for the laydown of pre-cast concrete panels at the time of inspection. • The southern area (Portion O) was a newly constructed bituminised carpark. • A fence was present (included Portions L, O, R, S and T), with the site at slightly higher elevation than the fence line on the northern and eastern boundaries. Rubbish (including cans, bottles, foam sheeting) was present along these fence lines. • A rock swale was present along the western boundary.
R, S and T	• These portions included the newly constructed bituminised carpark (continuation of the carpark observed on Portion L). • These portions were flat, however, as observed with Portions L and O, the site was at slightly higher elevation than the fence line on the eastern boundary. Rubbish (including cans, bottles, foam sheeting) was present along this fence line. • An unsealed access track was present running east to west along the southern boundary. • Evidence of former structures was present along the western boundary of Portion T, including possible site huts with services. • A shelter hut was present in the south-western corner of Portion S. • An electrical transformer was present east of Areas T and S. • A rock swale was present along the western boundary.
M	• This portion was generally flat, with similar sandy shelly soil observed at the surface, and sparse vegetation (low shrubs). • Slight mounding was observed along the western boundary (adjacent to the roadway). • A line of treated pine timber posts were present, assumed to be remnants of a former fence line.
N	• This portion was generally flat, with similar sandy shelly soil observed at the surface, and sparse vegetation (low shrubs). • A line of treated pine timber posts were present, assumed to be remnants of a former fence line.
P	• This portion was generally flat, with similar sandy shelly soil observed at the surface, and sparse vegetation (low shrubs). • Mounding was present along the southern boundary, with additional fill material observed north of the mounding along the southern boundary. The above was assumed to be associated with leveling and construction works at the adjacent site to the south. • A line of treated pine timber posts were present, assumed to be remnants of a former fence line.
Q	• This portion was generally flat, with similar sandy shelly soil observed at the surface, and sparse vegetation (low shrubs). • Mounding was present along the southern boundary, with additional fill material observed north of the mounding along the southern boundary. The above was assumed to be associated with leveling and construction works at the adjacent site to the south. • There was an area of increasingly dense vegetation in the southern portion of Area Q, possibly indicating that water had previously pooled around there.

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CT	Summary of Observations
	• An electrical transformer was present east of the eastern boundary. • A line of treated pine timber posts were present, assumed to be remnants of a former fence line.
W	• An embankment to approximately 1 m was present along the western and south-eastern boundaries. No embankment was present along the northern boundary. • The site was level with the adjacent Mobil site with the exception of the central and southern portion, which was slightly raised fill material (appeared to be gravelly sandy clay). Outside of this area of fill, surface soils appeared to consist of sandy silt. • Sparse low shrubs were present across the site. • Water pooling was observed in the north-western corner at the time of inspection.

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Map Reference	Certificate of Title
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B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
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L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
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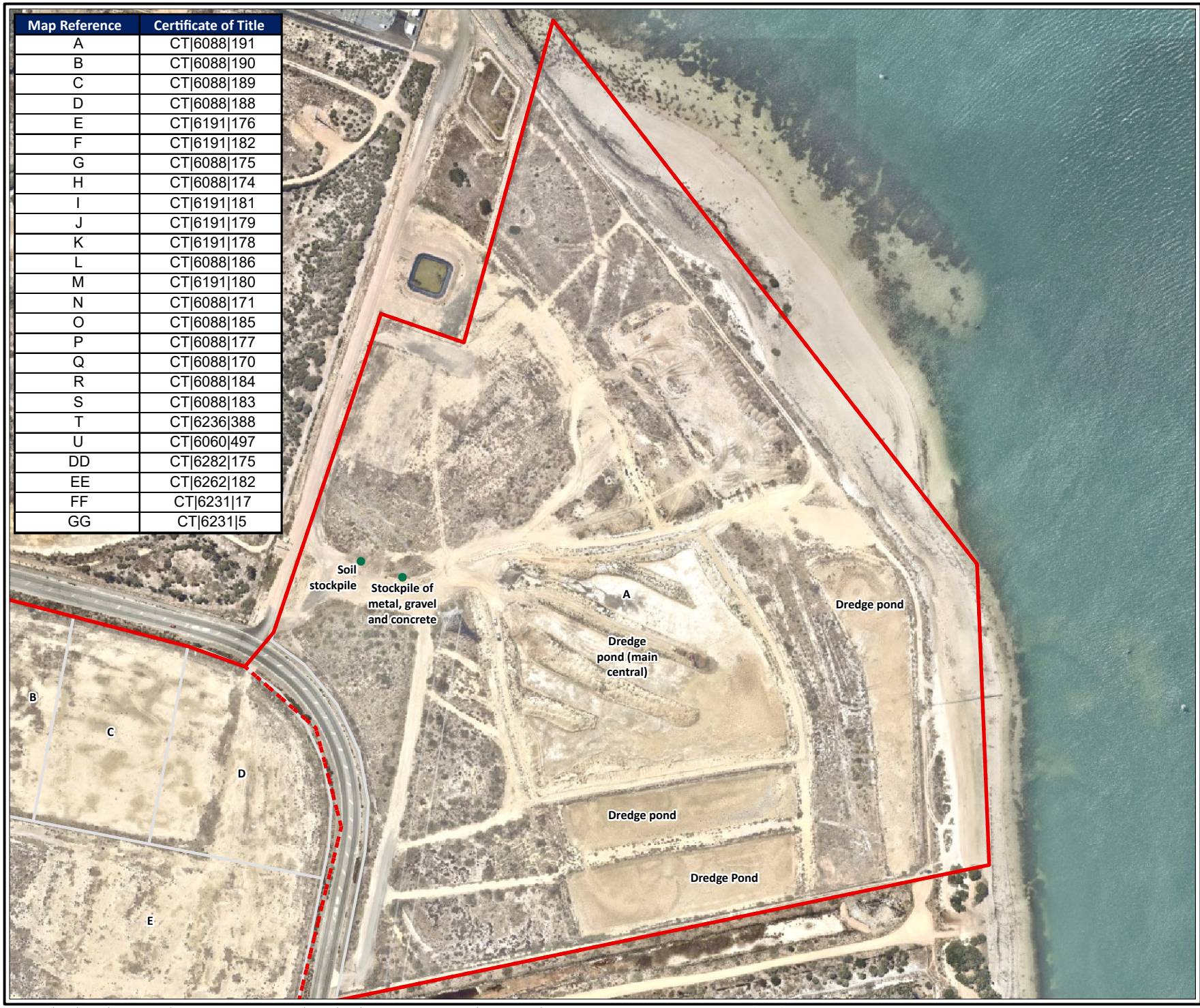

Legend

- Site Boundary
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 19-Aug-2024

Drawn By: JS | Checked By: KL

Scale 1:3,500

0 75 150

metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SITE INSPECTION NOTES

FIGURE A1.A

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\64648_URPS_Osborne_CT.aprx; Name:64648_02A_Certificate of Title
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Map Reference	Certificate of Title
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B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
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O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
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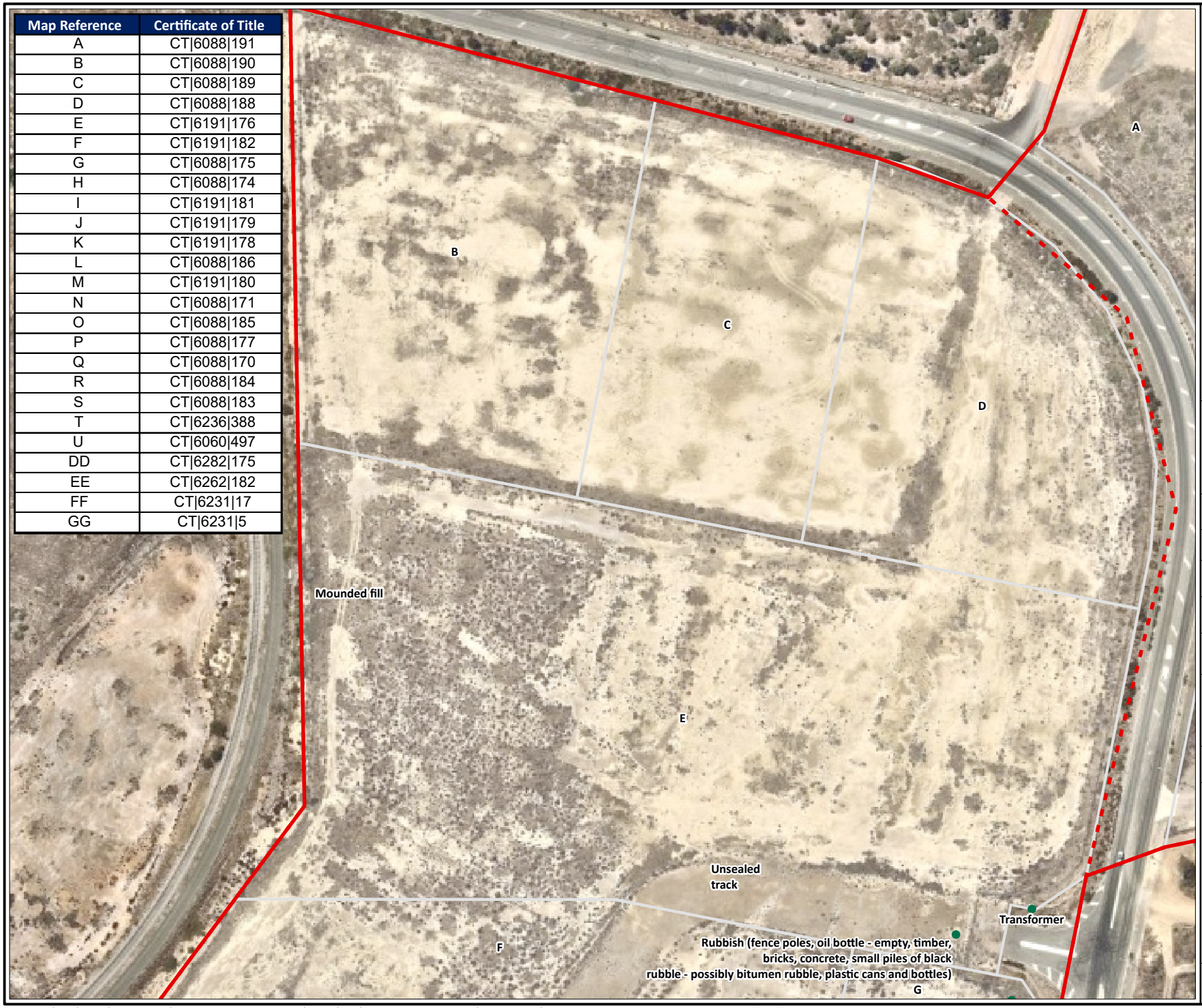
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 19-Aug-2024

Drawn By: JS | Checked By: KL

Scale 1:1,800

0 25 50
metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SITE INSPECTION NOTES

FIGURE A1.B

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\64648_URPS_Osborne_CT.aprx; Name:64648_02B_Certificate of Title
www.nearmap.com - Imagery Date: 13/02/2023

Map Reference	Certificate of Title
A	CT|6088|191
B	CT|6088|190
C	CT|6088|189
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
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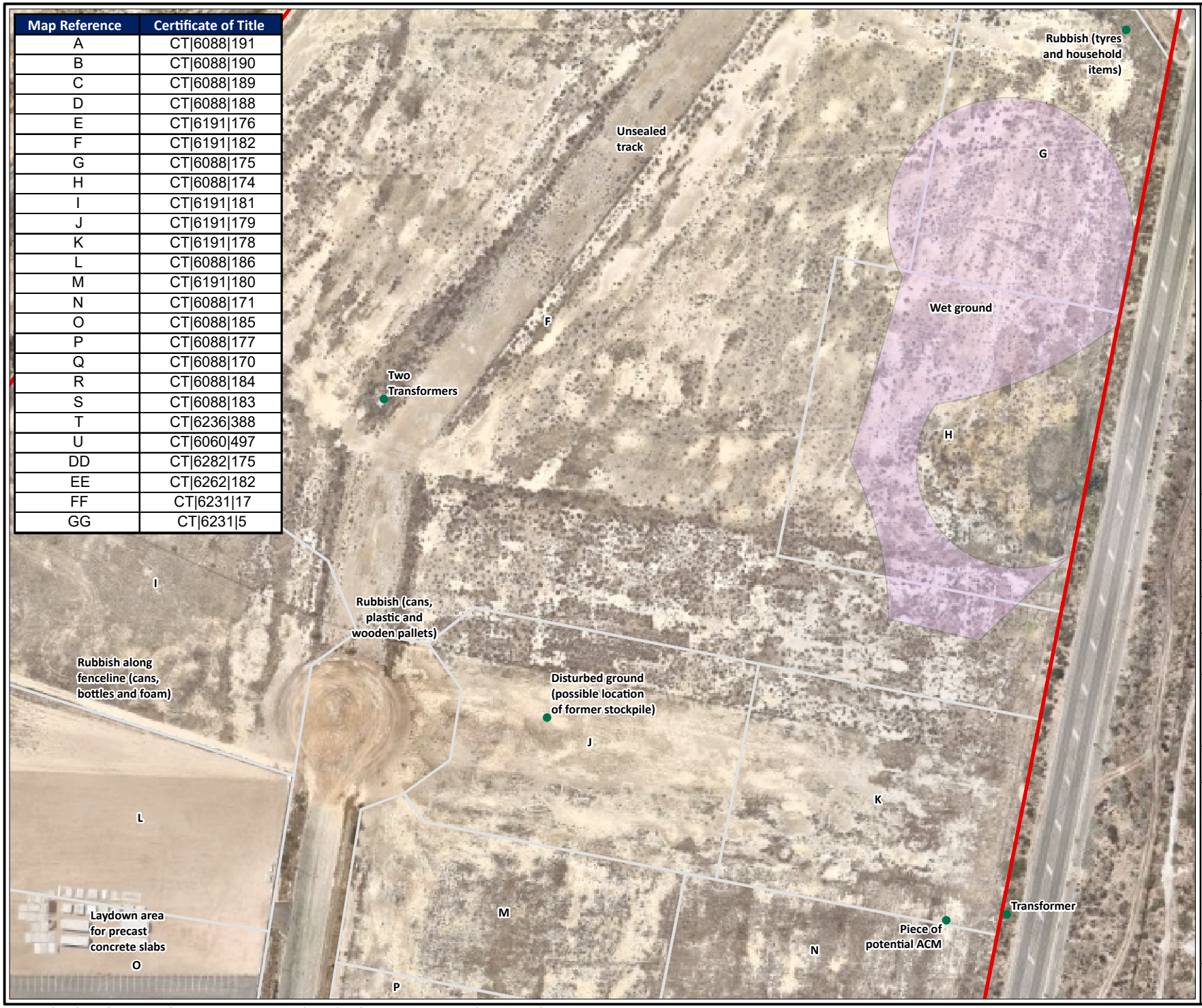

Legend

- Site Boundary
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 19-Aug-2024

Drawn By: JS | Checked By: KL

Scale 1:1,800

0 25 50
metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SITE INSPECTION NOTES

FIGURE A1.C

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\64648_URPS_Osborne_CT.aprx; Name:64648_02C_Certificate of Title
www.nearmap.com - Imagery Date: 13/02/2023

Map Reference	Certificate of Title
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B	CT|6088|190
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D	CT|6088|188
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G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
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K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
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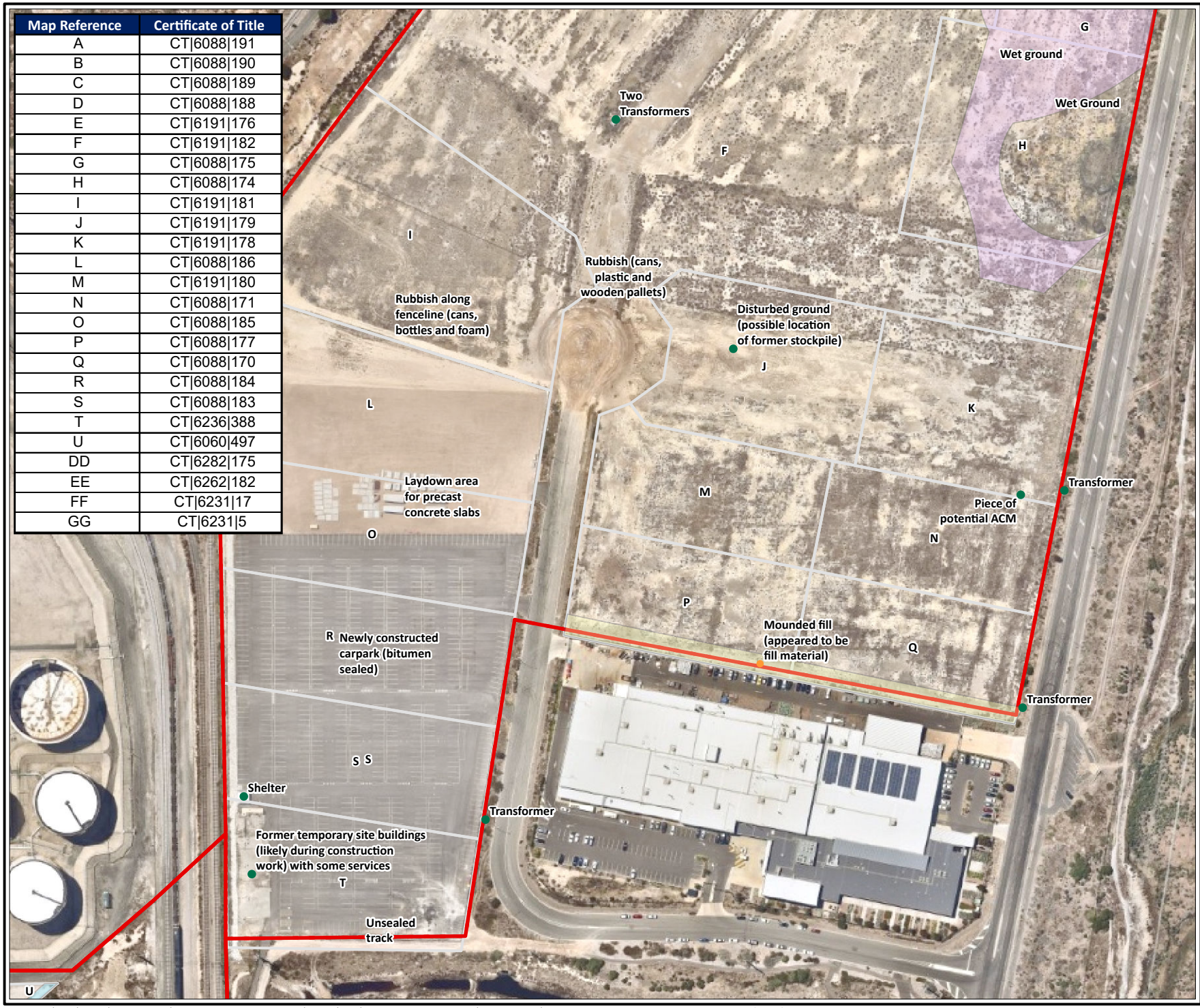

Legend

- Site Boundary
- Cadastre

JBS&G

Job No: 67064	
Client: URPS	
Version: FINAL	Date: 19-Aug-2024
Drawn By: JS	Checked By: KL
Scale 1:2,500	

0 25 50
metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SITE INSPECTION NOTES

FIGURE A1.D

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\64648_URPS_Osborne_CT.aprx; Name:64648_02D_Certificate of Title
www.nearmap.com - Imagery Date: 13/02/2023

Map Reference	Certificate of Title
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B	CT|6088|190
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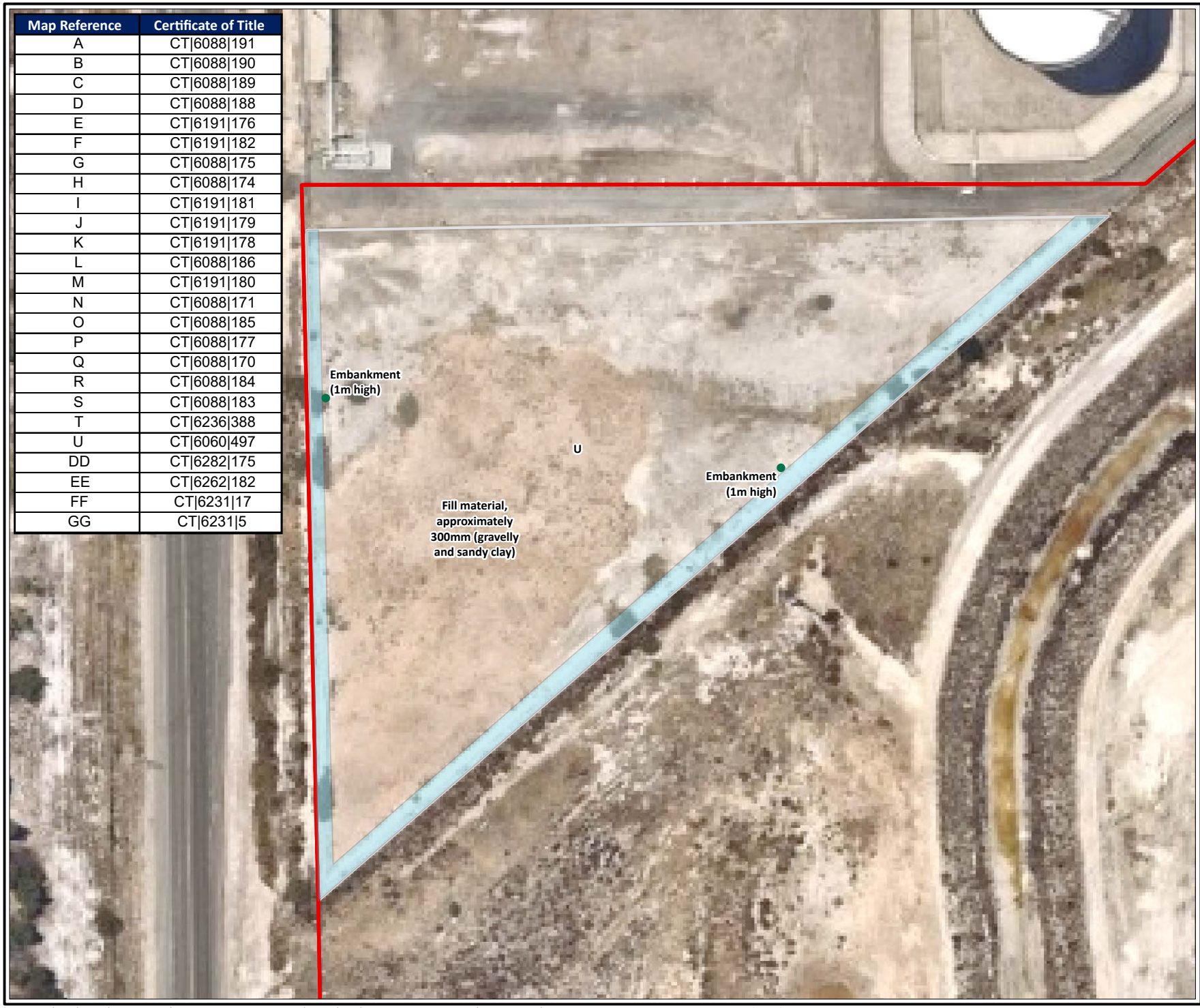
D	CT|6088|188
E	CT|6191|176
F	CT|6191|182
G	CT|6088|175
H	CT|6088|174
I	CT|6191|181
J	CT|6191|179
K	CT|6191|178
L	CT|6088|186
M	CT|6191|180
N	CT|6088|171
O	CT|6088|185
P	CT|6088|177
Q	CT|6088|170
R	CT|6088|184
S	CT|6088|183
T	CT|6236|388
U	CT|6060|497
DD	CT|6282|175
EE	CT|6262|182
FF	CT|6231|17
GG	CT|6231|5



Legend

- Site Boundary
- Cadastre

JBS&G

Job No: 67064

Client: URPS

Version: FINAL | Date: 16-Aug-2024

Drawn By: JS | Checked By: KL

Scale 1:1,000

0 15 30

metres

Coord. Sys. GDA2020 MGA Zone 54

Osborne, South Australia

SITE INSPECTION NOTES

FIGURE A1.E

File Name: C:\Users\jstrauss\JBS&G Australia\JBS&G - DCS - Internal - Documents\Projects\URPS\64648_OsborneSouthAustralia\02_MapProjects\64648_URPS_Osborne_CT.aprx; Name:64648_02F_Certificate of Title
www.nearmap.com - Imagery Date: 13/02/2023