



**Ardrossan North Shore
Site Investigation 2022, Interpretative Report**

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CONTROL SHEET

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1 INTRODUCTION

In November 2022 North Ayrshire Council commissioned SKF Limited to carry out further intrusive site investigation work at the Ardrossan North Shore development site. The site is proposed for a mixed use development incorporating a school campus, residential housing with gardens and commercial land uses.

Previous site investigation works were undertaken at the site and reported in EnviroCentre Report No 8754, Ardrossan Development Site Investigation 2019 and 2020, Interpretative Report (December 2020) and EnviroCentre Report Coast to Coast Site Phase I and Phase II Interpretative Report (May 2021) the site. This report should be read in conjunction with these previous reports.

In addition to these more recent assessment EnviroCentre undertook a detailed delineation exercise on a northern portion of the site (at the time termed Phase I of the Ardrossan Development site) as reported in EnviroCentre Report No 3585 Delineation Investigation, Ardrossan Phase I (2008).

Following this 2008 investigation remedial works were undertaken in the northern area of the site, which were detailed in EnviroCentre Report No 4295, Close Down Report Ardrossan Phase I Site (August 2013).

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2 PURPOSE AND SCOPE OF 2022 SITE INVESTIGATION

The purpose of the 2022 site investigation was to provide additional information with respect to soil and groundwater chemistry with a particular focus on areas that were not fully assessed as part of the 2019 and 2020 site investigation works. The primary reason these areas were not accessed historically was presence of existing stockpiles of material.

The investigation design therefore allowed for access of plant adjacent to and on stockpiles to allow for sample recovery from existing ground located beneath the stockpiles.

The works incorporated the following intrusive locations:

- 32 Trialpits – EC1 to EC32.
- 19 Shell and Auger Boreholes – (ECBH1 to ECBH18 including ECBH14A).

The purpose of these intrusive locations was to target those areas for additional investigation and collect soil samples for subsequent laboratory analysis. In addition, soil samples were also collected from the existing stockpiles on site (formed as part of site remediation works undertaken in 2011) to provide further information on their chemical quality. The locations which targeted the stockpile material was ECBH1-ECBH12. In these locations samples from the top 3 metres are considered to be representative of the stockpile material, with samples below that taken from the ground present beneath the stockpiles.

In conjunction to the above scope of works some additional trial pitting was undertaken to provide further information on physical ground conditions and the revetment (note no chemical testing was undertaken and as such these are not discussed in detail in this report). These incorporated:

- 17 Trialpits – OBTP01 to OBTP17
- 5 Trial Trenches – OBTR01 to OBTR05
- 10 Trialpits adjacent to the revetment – REVTP3 to REVTP12

In addition to summarising the findings of the 2022 investigation this report will also summarise information from the historic reports listed in Section 1 to provide an overall summary of the site investigation findings to date.

A site investigation plan detailing these locations and those undertaken as part of the 2019 and 2020 and Coast to Coast site investigation works is provided in Appendix A as 173958-GIS015. The plan also incorporates intrusive investigation points from the 2008 site investigation in EnviroCentre Report No 3585 Delineation Investigation, Ardrossan Phase I (2008). The plan details all the locations from the Delineation Investigation, note the majority of these were subsequently remediated as detailed in EnviroCentre Report no 4295.

The factual report for the 2022 site investigation (SKF Limited Ground Investigation Report, January 2023) is provided in Appendix B. This incorporates the intrusive location logs, monitoring results and the laboratory analysis certificates.

2.1 2022 Analytical Testing

A total of 192 soil samples were collected and analysed from the intrusive locations at various depths ranging from 0.2m to 4m below ground level throughout the existing ground profile. In addition

samples were also collected from existing stockpiles on site which were formed as part of remediation works in 2011 to allow for more information to characterise the stockpiles.

Soil samples were variously tested for the following analytes (which is the same suite utilised as part of the 2019 and 2020 investigation):

- Asbestos screen;
- pH;
- Total Organic Carbon (TOC);
- Metals/ metalloids – As, Cd, Cr , Cu, Pb, Hg, Ni, Se, and Zn;
- Fractionated Total Petroleum Hydrocarbons (TPH CWG);
- Volatile Organic Compounds (VOCs); and
- Semi-Volatile Organic Compounds (SVOCs, including Polycyclic Aromatic Hydrocarbons (PAHs)).

3 2022 SITE INVESTIGATION FINDINGS

3.1 Geology

The geology and hydrogeology encountered is detailed in the SKF Factual Report provided in Appendix B. A summary of the information is provided below.

3.1.1 Made Ground

Made ground was noted in the majority of investigation locations, generally formed of a soft brown gravelly clay or brown or grey gravelly clayey sand with angular to rounded gravel. Anthropogenic materials including ash, clinker bricks, wood and metal fragments were identified across the made ground.

3.1.2 Drift Deposits

Drift deposits principally comprised grey to dark grey silty fine to coarse sand containing shell fragments. Pockets of clay were noted in specific areas.

3.1.3 Bedrock

Bedrock was not proven during the investigation, however there were some locations where weathered sandstone was encountered (ECBH05 and ECBH18).

3.1.4 Groundwater

The boreholes recorded groundwater strikes in the existing ground at depths ranging from 2m to 4m below ground level. There was evidence of tidal influence on the groundwater within boreholes on the western portion of the site identified during the works.

3.1.5 Visual and Olfactory Evidence of Contamination

The majority of intrusive locations recorded presence of hydrocarbon odours or visual oil materials. Depths that these were encountered were generally at approximately 2m below ground level, however some locations recorded presence within the top metre.

4 ENVIRONMENTAL RISK ASSESSMENT

4.1 Human Health

For the purposes of the human health risk assessment, the soil sample results were screened against generic assessment criteria (GACs) for a residential with plant uptake land use scenario. It is considered that this screening criteria is appropriately conservative for assessment of the results in relation to the proposed mixed use development. The following section discusses the 2022 results in detail. The results from the 2019 and 2020 site investigation, the Coast to Coast investigation and the 2008 locations which were not addressed as part of the historic remediation have also been screened against the same criteria (summary tables are provided in Appendix D) with the findings detailed in the drawings referenced within the following sections.

Where available, the assessment criteria comprised the LQM/CIEH “Suitable 4 Use Levels” (S4ULs). These are recognised industry standard assessment criteria and are based on a minimal or tolerable level of risk, and as such are deemed to be suitably conservative for this initial generic screening assessment.

For lead, a DEFRA “Category 4 Screening Level” (C4SL) was used due to the lack of current alternative criteria. Unlike the other GACs used, which are based on a “minimal or tolerable level of risk”, C4SLs are based on a “low level of toxicological concern”. This means that they represent a lower standard of protection. Although considered to be appropriate for use as screening criteria in a Part 2A context (the statutory designation of contaminated land), the applicability of C4SLs with regard to planning is currently unresolved. At this stage however it is considered that these values be adopted to screen the results.

For the purposes of the assessment the criteria utilised was based on a 2.5% organic matter content (with the exception of metals for which organic matter is not a sensitive parameter for generation of the criteria and therefore is based on a default of 6%), which reflects the general concentrations recorded from site investigation works on the site.

It is noted in relation to asbestos that there is no specific GAC, and therefore this is considered separately initially on the basis of a presence/non presence risk.

A summary table detailing the findings of the screening assessment for human health is provided in Appendix C and discussed below.

4.2 Asbestos

Asbestos was identified within 16 of the 192 samples tested. The asbestos form identified incorporated a range of types including amosite, chrysotile and crocidolite. Quantification of the asbestos was undertaken with results provided in the SKF Factual Report in Appendix B.

The majority of asbestos was identified within the top metre of the site, which is deemed to be the soil profile of risk of generation of dust and therefore potential for asbestos exposure as part of the proposed development. There was asbestos identified up to depths of 4m in specific areas, which will require to be considered as part of any construction works involving excavation to depth.

Figure 173958-GIS017 in Appendix A details the locations of the asbestos identification for the 2022 investigation, the 2019 and 2020 investigation, the Coast to Coast investigation and the locations from the 2008 investigation which were not remediated at that time.

It is noted that none of the stockpile material samples from the 2022 investigation recorded presence of asbestos.

4.3 Risk Assessment Utilising Screening Criteria

A summary table of the 2022 lab results compared against the screening criteria is provided in Appendix C. Summary tables for the other site investigations are provided in Appendix D (note the 2008 assessment focuses solely on the areas that were not covered by the remedial works detailed in Report No 4295). The findings of the screening are summarised below.

4.3.1 Metals/Metalloids

For the 2022 results the majority of metal/metalloid analytes did not exceed the screening assessment criteria, with the exception of arsenic, lead and nickel.

- A total of 5 of the 192 samples analysed recorded slight exceedances of the residential arsenic criteria.
- 4 of the 192 samples recorded nickel concentrations in excess of the screening criteria, 2 out of 4 of these samples were located within the upper metre of the soil profile.
- 18 of the 192 samples recorded concentrations of lead in excess of the screening criteria. The samples depths ranged from within the top metre to up to 4m depth.
- None of the samples collected from the stockpile material recorded exceedances of the metal screening criteria.

Figure 173958-GIS018 in Appendix A details the locations of the metal exceedances with respect to the screening criteria. This figure details all locations recorded from the 2019 and 2020 investigation, the 2022 investigation, the Coast to Coast investigation and those remaining areas from the 2008 investigation (still present post remedial works). Sample exceedances were recorded in the upper metre of the soil profile, which is deemed to be the critical depth with respect to the pathways to receptors from these contaminants (ingestion and direct contact with soil and inhalation of dust).

4.3.2 TPH

A total of 7 of the 192 2022 soil samples analysed recorded exceedances for specific TPH carbon band fractions. None of the samples from the stockpile material recorded exceedances of the TPH criteria. The fractions that recorded exceedances included:

- Aliphatic TPH C8-C10 (3 samples recorded exceedances);
- Aliphatic TPH C10-12 (2 samples recorded exceedances);
- Aliphatic TPH C12-C16 (1 sample recorded exceedances);
- Aromatic TPH C12-C16 (4 samples recorded exceedances);
- Aromatic TPH C16-C21 (6 samples recorded exceedances);
- Aromatic TPH C21-C35 (1 sample recorded exceedances);

With respect to the TPH fractions that recorded exceedances the following is noted:

Aliphatic TPH C8-C10

Under the screening criteria the relevant exposure pathway for this TPH fraction is inhalation of vapours (indoors) which contributes 49.4% of the contribution to exposure. The remainder of the

exposure pathway contribution is principally formed from inhalation of background concentrations (i.e. exposure to this contaminant from other daily exposure routes - 49.4%) and ingestion of soil and indoor dust (0.4%). On this basis the critical pathway of concern for the site is release of vapours into any proposed buildings.

Aliphatic TPH C10-C12

As for Aliphatic TPH C8-C10, the principal contribution pathway for Aliphatic C10-C12 is indoor vapour inhalation (forming 48% of exposure) with the remainder coming from inhalation of other background sources from daily activity (48%) and a higher contribution from ingestion of soil and indoor dust on the site (1.9%).

Aliphatic TPH C12-C16

Aliphatic TPH C12-C16 is similar in nature to the other 2 aliphatic fractions, however the contribution from indoor vapour inhalation and inhalation of background sources forms a slightly smaller contribution as a relevant pathway (36.7%) with ingestion of soil and indoor dust forming a larger contribution (12.5%) and some minor contribution from dermal contact indoor and outdoor (0.2% and 0.3%).

On this basis whilst the indoor inhalation of vapours is the primary pathway of concern, there is a stronger requirement to address the potential ingestion of soils and indoor dust.

Aromatic TPH C12-C16

For Aromatic TPH C10-C12 inhalation of indoor vapour contributes 2.8% as a relevant pathway, with background exposure to oral exposure and inhalation of vapours forming 2.8% and 47.2% of the relevant pathway contribution respectively. For the aromatic fractions ingestion of soil and indoor dust for 11.7% of the relevant pathway contribution with consumption of homegrown produce and attached soil comprising 34.9% of the contribution to total exposure. There is some minor contribution from dermal contact indoor and outdoor, 0.2% and 0.3% respectively.

Aromatic TPH C16-C21

For this fraction the principal relevant pathway contribution is via ingestion of soil and indoor dust (23.1%) and consumption of homegrown produce and attached soil (25.7%). 50% of the contribution coming from background exposure through an oral route. This fraction has very limited contribution from indoor vapour inhalation (0.2%) whilst indoor and outdoor dermal contact pathways have an increased contribution of 0.4% and 0.6% respectively.

Aromatic TPH C21-C35

For this fraction the principal relevant pathway contribution is via ingestion of soil and indoor dust (42.3%) and consumption of homegrown produce and attached soil (5.8%). 50% of the contribution coming from background exposure through an oral route. This fraction has no contribution from indoor vapour inhalation whilst indoor and outdoor dermal contact pathways have an increased contribution of 0.8% and 1.1% respectively.

The majority of the TPH exceedances have been recorded at depths of 2m below ground or greater, however given that vapour release is a key parameter the risks from these elevations is relevant. There are also exceedances of aromatic compounds within the top metre of the site which present an ingestion and inhalation risk.

Figure 173958-GIS019 in Appendix A details the areas where TPH elevations have been recorded. As above this incorporates the 2022 investigation, the 2019 and 2020 investigations and the areas from 2008 which were not remediated at that time.

4.3.3 Volatile Organic Compounds (VOCs)

The majority of the 2022 samples did not record concentrations of VOCs above the laboratory detection limits, where compounds were identified they did not exceed the screening assessment criteria.

4.3.4 Semi-Volatile Organic Compounds (SVOCs)

The majority of SVOCs from the 2022 samples did not record exceedances in relation to the screening criteria, however specific Polyaromatic Hydrocarbon (PAH) compounds were elevated above the assessment criteria including:

- Naphthalene (3 samples out of 192);
- Benzo(a)anthracene (3 samples out of 192);
- Chrysene (2 samples out of 192);
- Benzo(b)fluoranthene (9 samples out of 192);
- Benzo(a)pyrene (9 samples out of 192);
- Indeno(1,2,3-cd)pyrene (1 sample out of 192);
- Dibenz(a,h)anthracene (9 sample out of 192).

For the majority of these PAHs the pathway of concern is ingestion of soil and indoor dust, with the exception of naphthalene which also poses an indoor vapour risk. None of the stockpile material samples recorded exceedances of the PAH screening criteria.

A plan showing the location of the PAH exceedances (again representing all the previously noted investigation findings) is provided as Figure 173958-GIS020 in Appendix A.

4.4 Human Health Risk Assessment Discussion

The Human Health Risk Assessment has adopted generic criteria developed for a residential with plant uptake land uses scenario.

On the basis of the RES assessment the following significant Source-Pathway-Receptor (SPR) linkages were identified:

- Impact to Human Health from TPH Fractions and PAHs Via Inhalation of indoor vapours
- Impact to Human Health from TPH Fractions, PAHs and Heavy Metals via ingestion of soil and domestically grown produce, inhalation of indoor dust and indoor and outdoor dermal contact.
- Impact to Human Health from inhalation of asbestos.

Regarding the human health issues identified, there are potential applicable remedial measures that would be sufficient in breaking the pathways in the SPR linkages, this would incorporate:

- Provision of a suitable environmental cap across the open areas of the site to break the direct contact/ingestion and dust generation pathway.
- Provision of appropriate vapour mitigation measures within buildings to break the potential for release of volatile contaminants into the building.

- Provision of appropriate ground gas mitigation measures.

In addition to the above mechanisms, intrusive remedial measures for soils and groundwater in specific areas of the site would also be employed.

It is noted that the soil samples taken from the existing stockpiles present on site did not record any exceedances of the human health assessment criteria. This provides further information (particularly in relation to material near to the base of the stockpiles) which builds on the findings of EnviroCentre Report No 9464 Ardrossan North Shore Stockpile Assessment (February 2021).

4.5 Ground Gas Assessment

The gas risk assessment was undertaken in line with the semi-quantitative methodology given in BS 8485:2015+A1:2019. The results of the gas monitoring can be utilised to provide an estimate of risk for the site in relation to ground gas generation and accumulation.

The site can be characterised based on gas concentrations and borehole flow rates. The maximum concentrations and flow rate recorded for each monitoring location are detailed in Table 4-1 and have been used to derive gas screening values (GSVs). The overall risk classification for the site is, however, derived using the maximum recorded gas concentration and flow rate from all locations. As part of this assessment data from the 2019 and 2020 have also been included to identify the maximum values recorded over all monitoring rounds carried out at the site (in this case a flow rate from the 2019 and 2020 data of 1l/hr has been brought into this assessment as this is higher than recorded in the 2022 monitoring). This represents a reasonable worst-case scenario and is considered to be appropriate due to the acute nature of human health effects related to ground gas generation.

Table 4-1: Determination of Gas Screening Values (GSVs) and Site Characterisation

Borehole Number	Max. BH Flow Rate (L/hr)	Max. Gas Concentration		Gas Screening Value (GSV) ¹ (L/hr)	Risk Classification ²
		CH ₄ (% v/v)	CO ₂ (% v/v)		
ECBH1	0.1	2.2	12.5	0.0125	
ECBH2	0.1	5.6	13.6	0.0136	
ECBH3	0.1	6.4	14.4	0.0144	
ECBH4	0.2	2.5	14.1	0.0282	
ECBH5	0.3	0.8	11.8	0.0354	
ECBH6	0.2	2.0	9.1	0.0182	
ECBH7	0.2	1.1	8.9	0.0178	
ECBH8	0.1	13.7	12.7	0.0137	
ECBH9	0.2	13.7	10.6	0.0274	
ECBH10	0.1	5.8	10.6	0.0106	

ECBH11	0.1	1.3	10.7	0.0107	
ECBH12	0.2	0.3	10.2	0.0204	
ECBH13	0.1	0.6	8.1	0.0081	
ECBH15	0.1	0.2	7.4	0.0074	
ECBH16	0.1	0.1	8.3	0.0083	
ECBH17	0.1	0.1	4.0	0.004	
ECBH18	0.1	3.9	9.5	0.0095	
ALL BOREHOLES	1.0	13.7	14.4	0.144	Gas Characteristic Situation 3: Moderate Hazard Potential

GSV = max. measured concentration (CH₄ or CO₂)/100 x max. measured borehole flow rate. Where a maximum flow rate of 0 was obtained, a conservative flow of 0.1L/hr was used in the calculation.

BS 8485:2015+A1:2019: CS1 if GSV <0.07L/hr, CS2 if GSV is 0.07 – <0.7L/hr, CS3 if GSV is 0.7 – <3.5L/hr.

The site investigation identified potential sources of ground gas generation including presence of hydrocarbons in soil and groundwater and organic materials present in made ground.

Previous assessment has identified tidal influence of the groundwater on the seaward side of the old seawall, no significant evidence of tidal influence on the landward side. Tidal fluctuation may have an impact on ground generation and migration. The foundation solution for the site is not detailed at the time of reporting but will likely incorporate a piled solution which may provide a preferential pathway for gas migration. This should be considered as part of the detailed design work for the site.

The principal pathways of concern will be via migration into the proposed buildings in the site, either through cracks in the column or service runs. Given the site has a made ground coverage then there could be a variety of preferential pathways.

Six discrete monitoring rounds have been undertaken with the worst case data used to generate a gas characteristic level for the site.

In line with BS 8485:2015+A1 2019 the building on site is considered to incorporate both Type A and Type B building areas. The assessment is focussed on the worst case use option of Type A on the basis of private housing being present as part of the development.

On the basis of the site being Characteristic Situation 3 with a Type A building then this would require a 4.5 minimum gas protection measure score (it is noted that a Type B building would require a 4.0 protection measure).

Provision of an appropriately specified gas membrane with all penetrations sealed and designed to remain durable during the use of the building will provide a score of 2.

In addition, provision of a very good passive sub floor dispersal layer beneath the buildings (i.e. clear void or no fines gravel layer with gas drains) will provide a score ranging from 1.5 to 2.5, thereby appropriately designed measures would meet the gas score requirement of 4.5.

The design for future development should take into account the identified ground gas characterisation with mitigation measures suitably designed in line with BS 8485:2015+A1 2019 (the ground gas measures are likely to be different for a large building such as the school campus in comparison to smaller residential units). It should also be noted that given the presence of hydrocarbon contamination on groundwater and within soils at the site, there is potential that the gas monitoring has been impacted through interference from volatile contaminants. As such monitoring post remediation may provide a more accurate assessment of the gas characteristic situation following intrusive measures to address presence of hydrocarbon, particularly free phase hydrocarbons.

4.6 Water Environment Risk Assessment

As detailed in the 2019 and 2020 interpretative report the principal risk to water environment at the site relates to the presence of TPH and in particular light non aqueous phase free product present on groundwater representing a source zone for ongoing potential impact.

The 2022 investigation incorporated a total of 6 groundwater monitoring rounds with each location being assessed with an oil interface probe to establish presence of free product.

In addition to this, to assess for the potential risk of ongoing impact to groundwater soil results have been screened against TPH and indicator parameter compounds in line with the assessment utilised as part of the remediation specification

4.7 Free Phase Product

Free phase product was not identified within any of the boreholes installed and monitored during the 2022 investigation.

Four boreholes did record some slight oil residue on the interface probe (ECBH08, ECBH09, ECBH10 and ECBH11) with ECBH11 also recording a strong hydrocarbon odour.

Figure 171301-015 details those areas that were identified as recording free product as part of the 2019 and 2020 site investigation.

4.8 Soil Results Assessment

As detailed within EnviroCentre Report No 9169, to assess the potential for TPH concentrations within soil to impact the Water Environment a total TPH concentration threshold of 1,000mg/kg (threshold value for hazardous material) has been applied.

In addition, in line with the approach detailed in report No 9169, indicator compounds have also been assessed to consider the potential for more mobile fraction of hydrocarbons to be present that may pose impact to the water environment below this threshold value. The parameters and values selected follow on from what was utilised as part of the 2019 and 2020 assessment and are summarised in the table below.

Table 4-2 Indicator Parameter Assessment Criteria

TPH Fraction	Indicator Parameter	Assessment Criteria
Aromatic EC8-10	Ethylbenzene	0.01mg/kg

Aromatic EC10-12	Naphthalene	0.5mg/kg
Aromatic EC12-16	Acenaphthylene	0.5mg/kg

The assessment identifies the following exceedances:

- 20 of 192 samples exceeded the total TPH screening criteria of 1000mg/kg.
- 24 of 192 samples exceeded the naphthalene screening criteria of 0.5mg/kg.
- 1 of 192 sample exceeded the acenaphthylene screening criteria of 0.5mg/kg.

A plan detailing the locations that exceeded the screening criteria (for the 2022 investigation, the 2019 and 2020 investigation, the Coast to Coast site and the areas that were not remediated following the 2008 investigation) 173958-GIS021 is provided in Appendix A.

4.9 Water Environment Risk Summary

The findings of the additional intrusive investigation works support the findings of the 2019 and 2020 investigation with no evidence of free product being identified on groundwater within boreholes located to the seaward side of the old sea wall which runs through the site.

Review of soil results have identified some areas of soil that will require intrusive remedial works to suitably address the potential for ongoing release of contaminants of concern to the water environment.

4.10 Conceptual Model

The 2022 assessment findings are not considered to alter the conceptual model that was developed for the site following the 2019 and 2020 site investigation, therefore the general conceptual model presented in Report No 8754 is still considered appropriate for the site.

It should be noted that the further gas monitoring data gathered as part of the 2022 investigation, in conjunction with data from the 2019 and 2020 site investigation has resulted in an increase in the ground gas characteristic situation to 3 (moderate) from 2 (low). As noted in Section 4.5 this has resulted in an increase in the minimum gas protection score for a Type A building to 4.5 from 3.5.

5 CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusions

EnviroCentre have produced this interpretative report with respect to geo-environmental site investigations undertaken at the Ardrossan Development site in 2022. The works build on previous investigation work undertaken in 2019 and 2020, 2021 Coast to Coast site and 2008 site investigation works and were primarily targeted to areas that had limited assessment as part of these previous investigations to fill the existing data gaps.

The intrusive works were designed by EnviroCentre and undertaken by SKF Limited.

The investigation design was produced in line with a Detailed Investigation scope as defined in BS10175: 2011+A2 2017 ('Investigation of Potentially Contaminated Sites'). and incorporated excavation of 32 trial pits and drilling and installation of 19 shell and auger boreholes. A total of 192 samples were collected from the intrusive locations and analysed for contaminants of concern relevant to the historic use.

The report has incorporated assessment of the analytical results against generic assessment criteria for human health risks. As part of this assessment results from historic SI information has also been reviewed and the data incorporated into the summary drawings detailing areas of identified contaminants of concern.

The assessment identified discrete areas where asbestos was present, this is considered to present a potential risk via inhalation of dust.

With respect to the "residential with plant uptake" land use scenario assessment elevated concentrations of heavy metals, speciated petroleum hydrocarbons and polyaromatic hydrocarbons were identified, areas of concern are detailed in Figures provided in Appendix A. On this basis the following significant source-pathway-receptor linkages are identified:

- Impact to Human Health from TPH Fractions and PAHs Via Inhalation of indoor vapours
- Impact to Human Health from TPH Fractions, PAHs and Heavy Metals via ingestion of soil and domestic produce, inhalation of indoor dust and indoor and outdoor dermal contact.
- Impact to Human Health via inhalation of asbestos.
- Impact to Human Health via inhalation/exposure to ground gases (note that the 2022 monitoring results have resulted in the site being reclassified as Characteristic Situation 3 (Moderate Risk)).

In addition to human health risks there were also the following identified risks to the water environment and future property:

- Impact to groundwater from free product;
- Impact to groundwater via leaching from soil;
- Impact to surface water via migration of contaminated groundwater.
- Impact to buildings from ground gases.
- Impact to building foundations and structures from aggressive ground conditions.

Based on the site investigation findings, remedial measures will require to be employed at the site as part of the proposed redevelopment.

5.2 Recommendations

A UKWIR assessment will be required once potential routes of water supply pipes is confirmed.

The design of all future buildings for the site should take have appropriate gas mitigation measures to address the ground gas characteristic situation 3 level that has been identified for the site. These measures should also be designed to restrict potential for volatile organic compounds to enter into structures.

The remedial specification (EnviroCentre Report No 9169) for the site will be updated to incorporate the information obtained from this additional investigation.

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Scottish Executive, Environmental Protection Act 1990: Part IIA Contaminated Land Statutory Guidance: Edition 2 (SE/2006/44), 2006.

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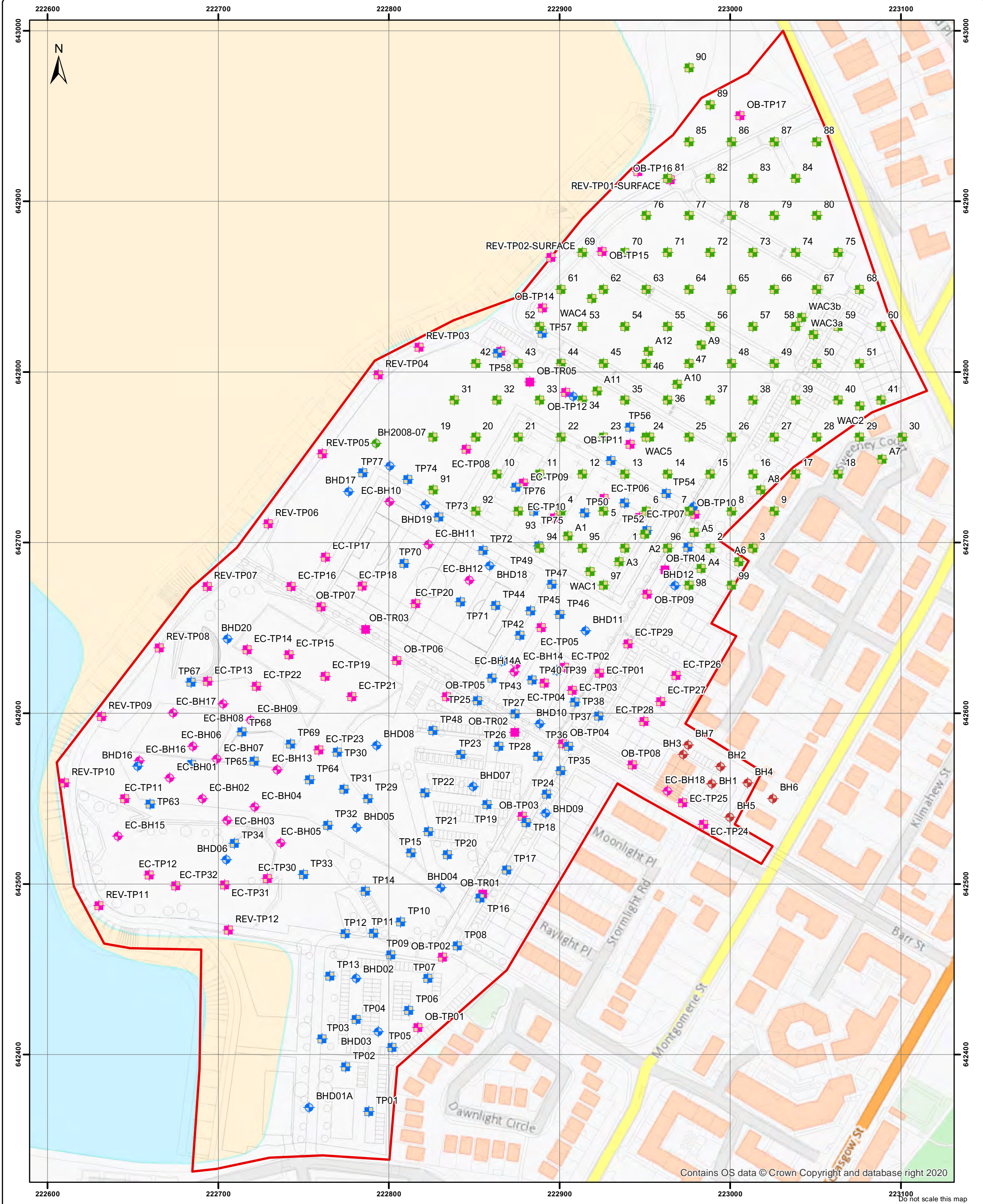
SEPA, Water Use (WAT-PS-10-01) Assigning Groundwater Assessment Criteria for Pollutant Inputs, version 3, 2014.

SEPA, Supporting Guidance (WAT-SG-53) Environmental Standards for Discharges to Surface Waters, version 6.1, 2018.

SEPA, Supporting Guidance (WAT-SG-02) Modelling Continuous Discharges to Rivers, 2009.

APPENDICES

A FIGURES

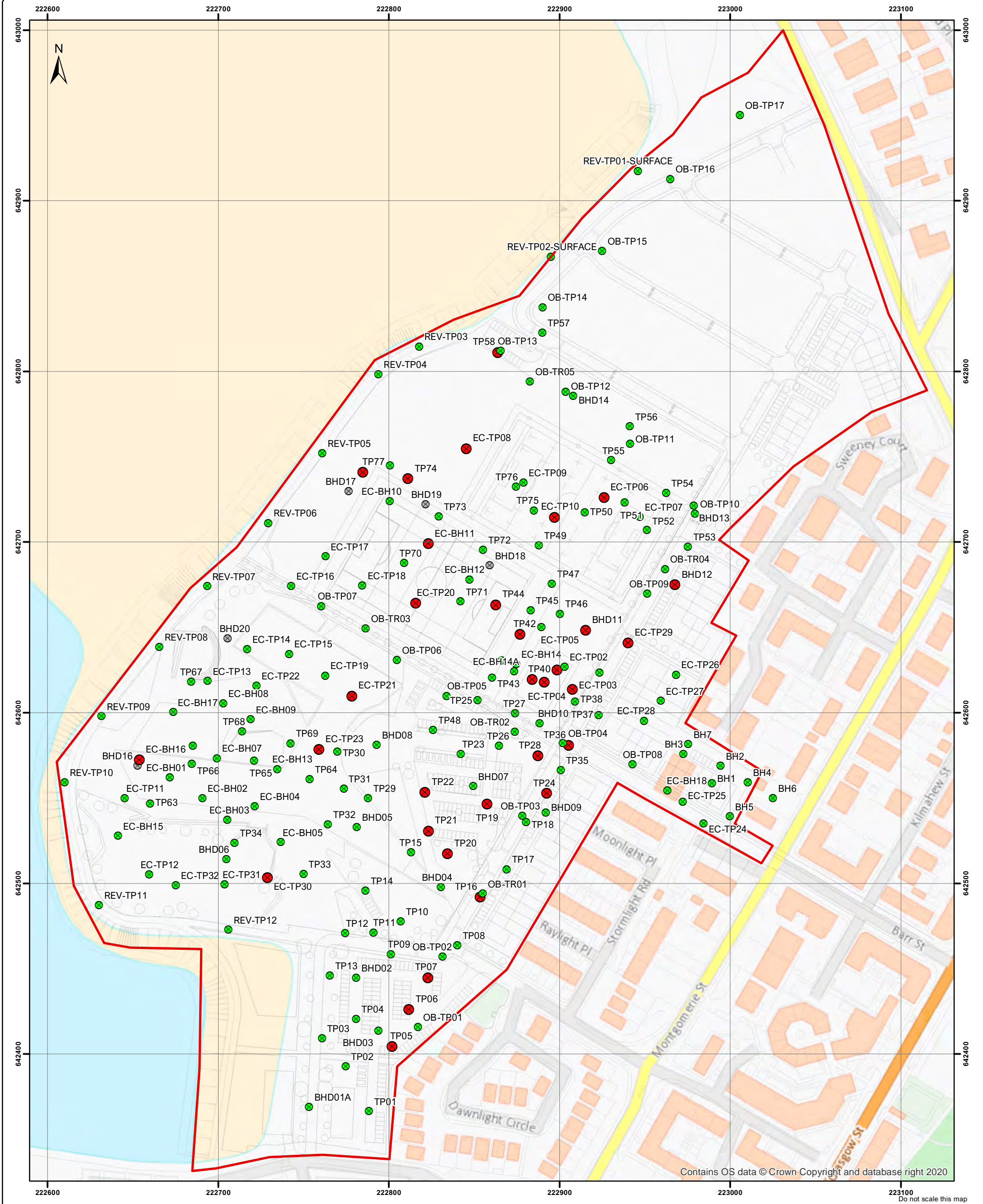


- Legend**
- ▭ Site Boundary
 - + 2008 SI Locations
 - + Trial Pit
 - + Borehole
 - + 2019/2020 SI Locations
 - + Borehole
 - + Trial pit
 - + Coast-to-Coast Site SI Locations
 - + Borehole
 - + 2022 SI Locations
 - + Borehole
 - + Trial Pit
 - + Trial Trench

Client Fairhurst
Project Ardossan North Shore
Title Site Investigation Locations - Summary Plan
Scale 1:2,000 @A3

Status Final			
Drawing No. 173958-GIS015	Revision -		
Drawn FR	Checked GD		
Date 25 Jan 2023	Approved GD		
Rev	Date	Amendment	Initials
-	-	-	-

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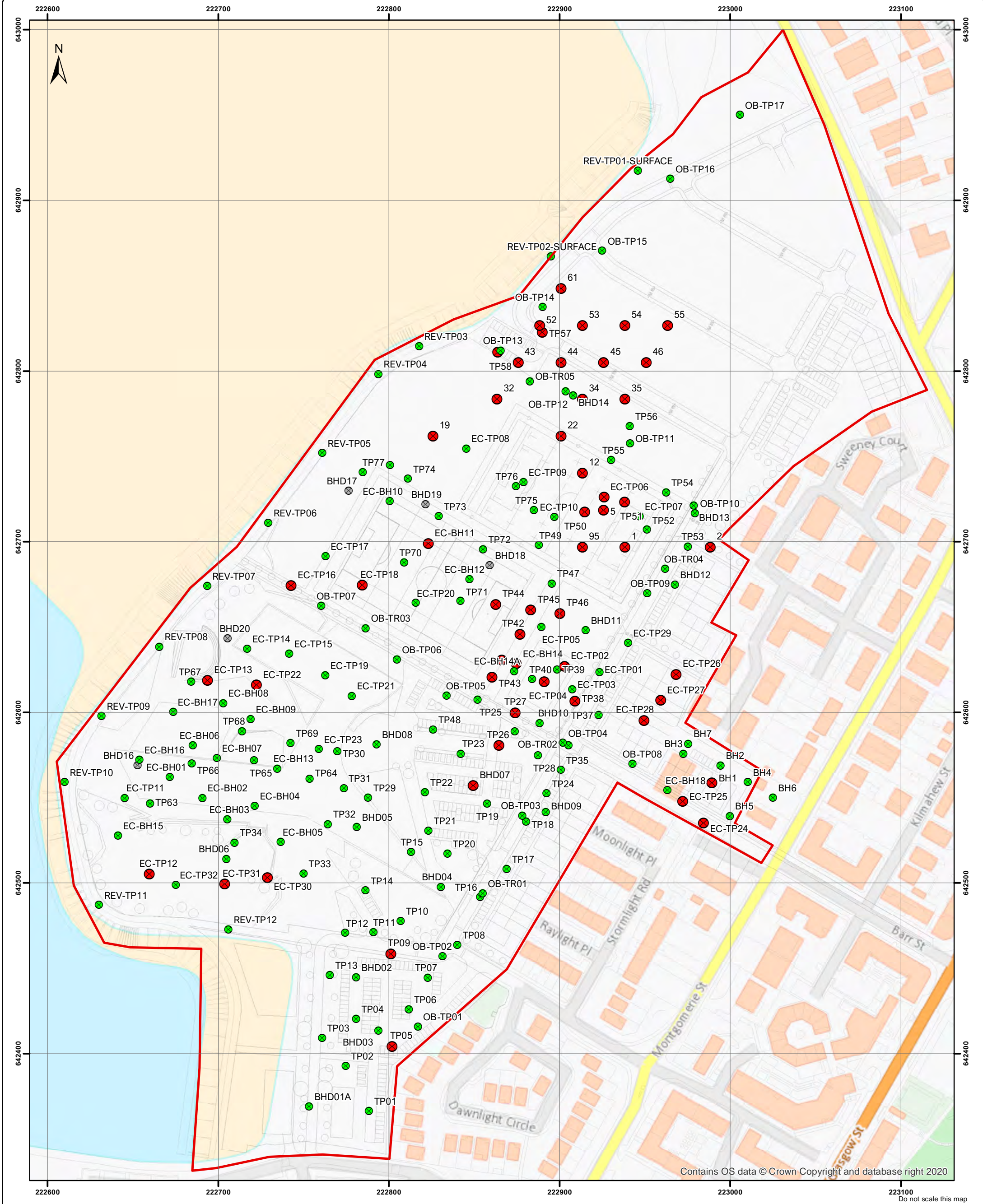
- Legend**
- Site Boundary
 - Asbestos**
 - Asbestos Detected
 - Asbestos Not Detected
 - Results Pending

Notes

1. No asbestos was detected in 2008 investigation samples. These locations are not shown for clarity.

Client Fairhurst	Status Final								
Project Ardossan North Shore	Drawing No. 173958-GIS017								
Title Asbestos Presence in Soil Samples	Revision -								
Scale 1:2,000	Date 24 Jan 2023								
	Checked GD								
	Approved GD								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Rev</th> <th>Date</th> <th>Amendment</th> <th>Initials</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Rev	Date	Amendment	Initials	-	-	-	-
Rev	Date	Amendment	Initials						
-	-	-	-						

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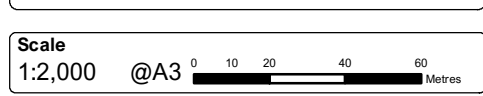
Do not scale this map

- Legend**
- Site Boundary
 - Heavy Metals**
 - Metals Exceedance(s)
 - No Metals Exceedance
 - ⊗ Results Pending

Notes

1. For the 2008 investigation locations, only those with an exceedance for heavy metals are shown for clarity.

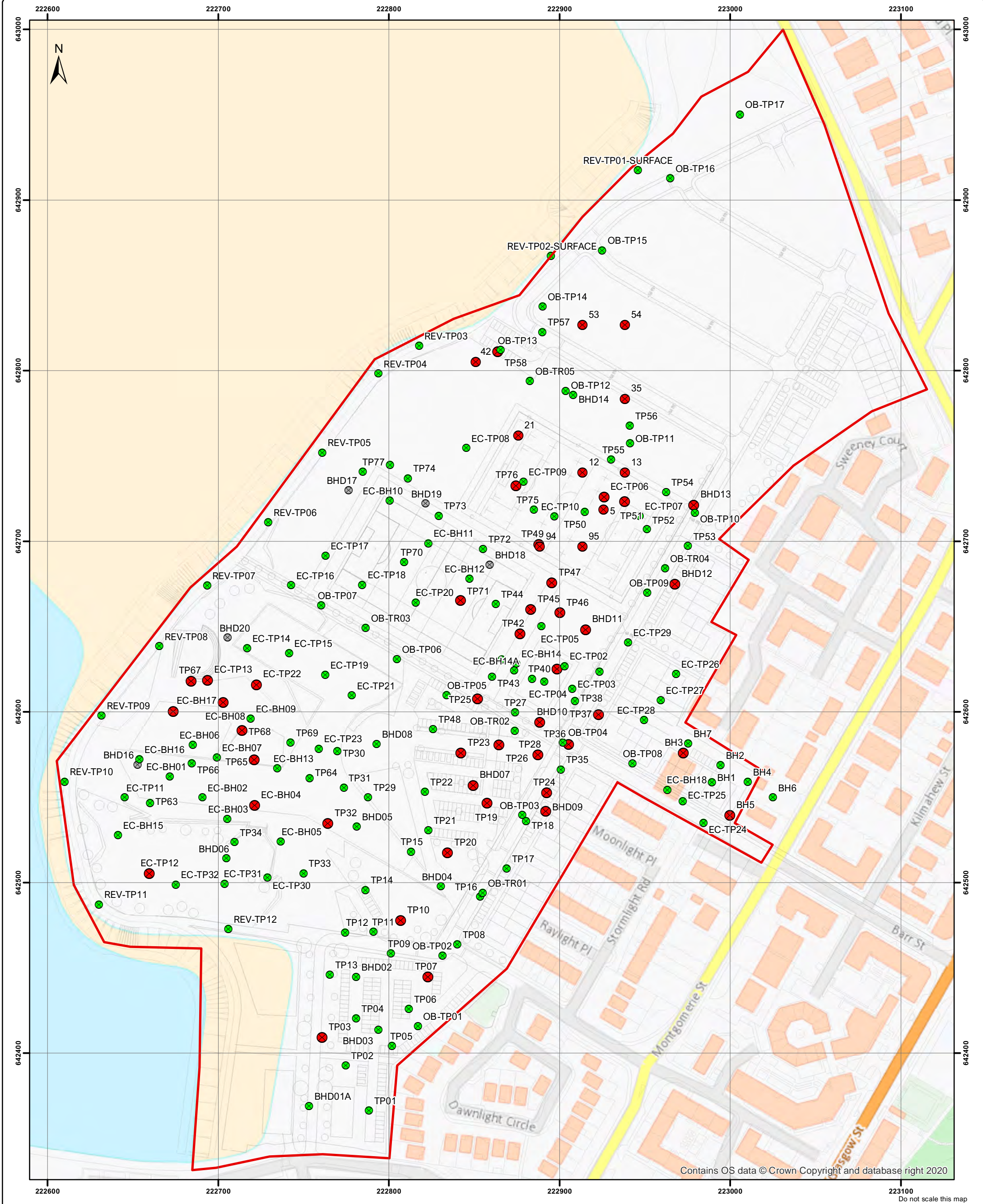
Client Fairhurst
Project Ardossan North Shore
Title Heavy Metals Exceedances of Human Health Assessment Criteria in Soil Samples



Status		Final
Drawing No. 173958-GIS018	Revision -	Date 31 Jan 2023
Drawn FR	Checked GD	Approved GD

Rev	Date	Amendment	Initials
-	-	-	-

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- Legend**
- Site Boundary
 - TPH**
 - TPH Exceedance(s)
 - No TPH Exceedance
 - ⊗ Results Pending

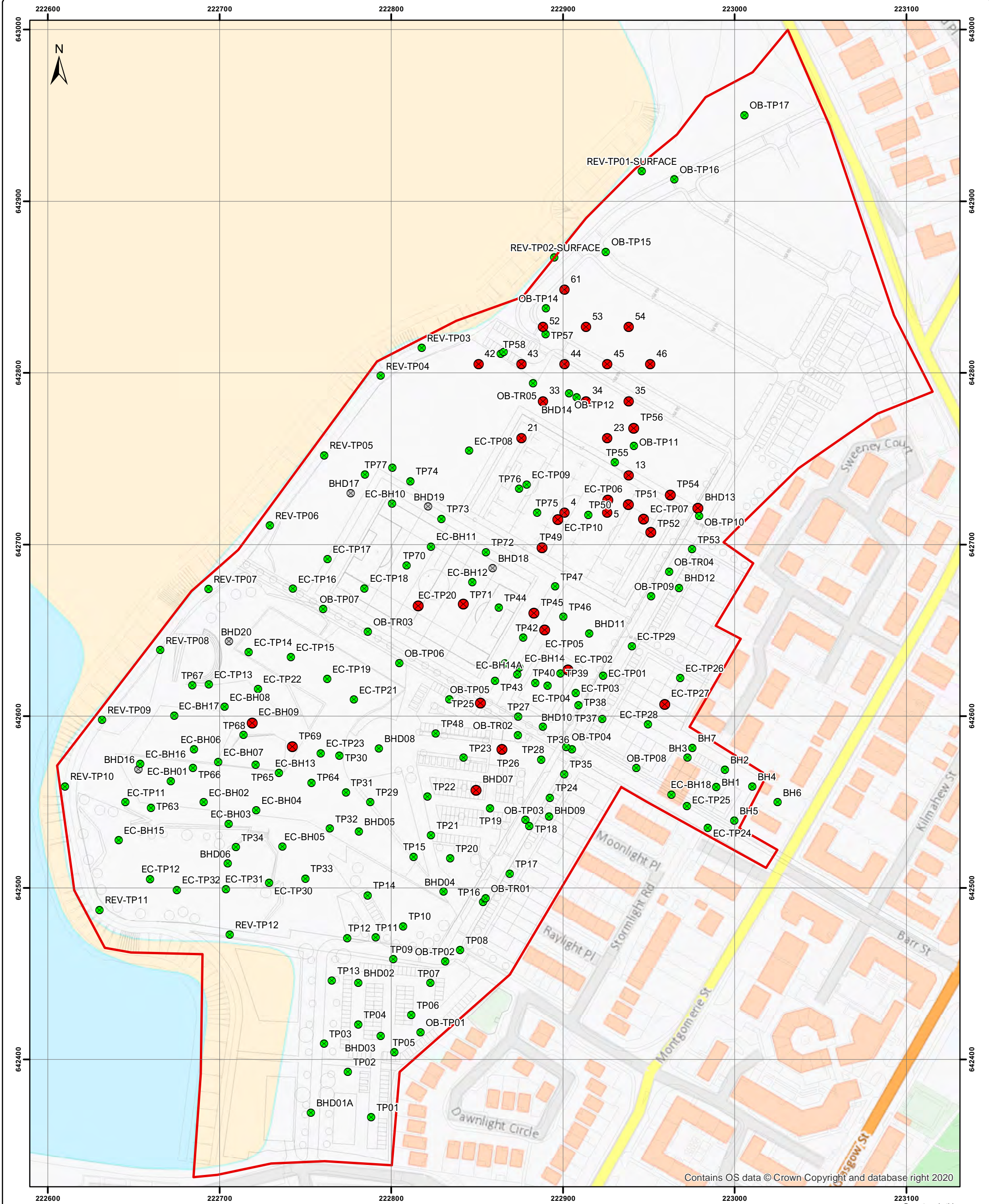
Notes

1. For the 2008 investigation locations, only those with an exceedance for TPH are shown for clarity.

Client Fairhurst
Project Ardossan North Shore
Title TPH Exceedances of Human Health Assessment Criteria in Soil Samples
Scale 1:2,000 @A3

Status Final			
Drawing No. 173958-GIS019	Revision -	Date 31 Jan 2023	
Drawn FR	Checked GD	Approved GD	
Rev	Date	Amendment	Initials
-	-	-	-
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Do not scale this map

Legend

- Site Boundary
- PAH**
- PAH Exceedance(s)
- No PAH Exceedances
- ⊗ Results Pending

Notes

1. For the 2008 investigation locations, only those with an exceedance for PAHs are shown for clarity.

Client

Fairhurst

Project

Ardossan North Shore

Title

PAH Exceedances of Human Health Assessment Criteria in Soil Samples

Scale

1:2,000 @A3

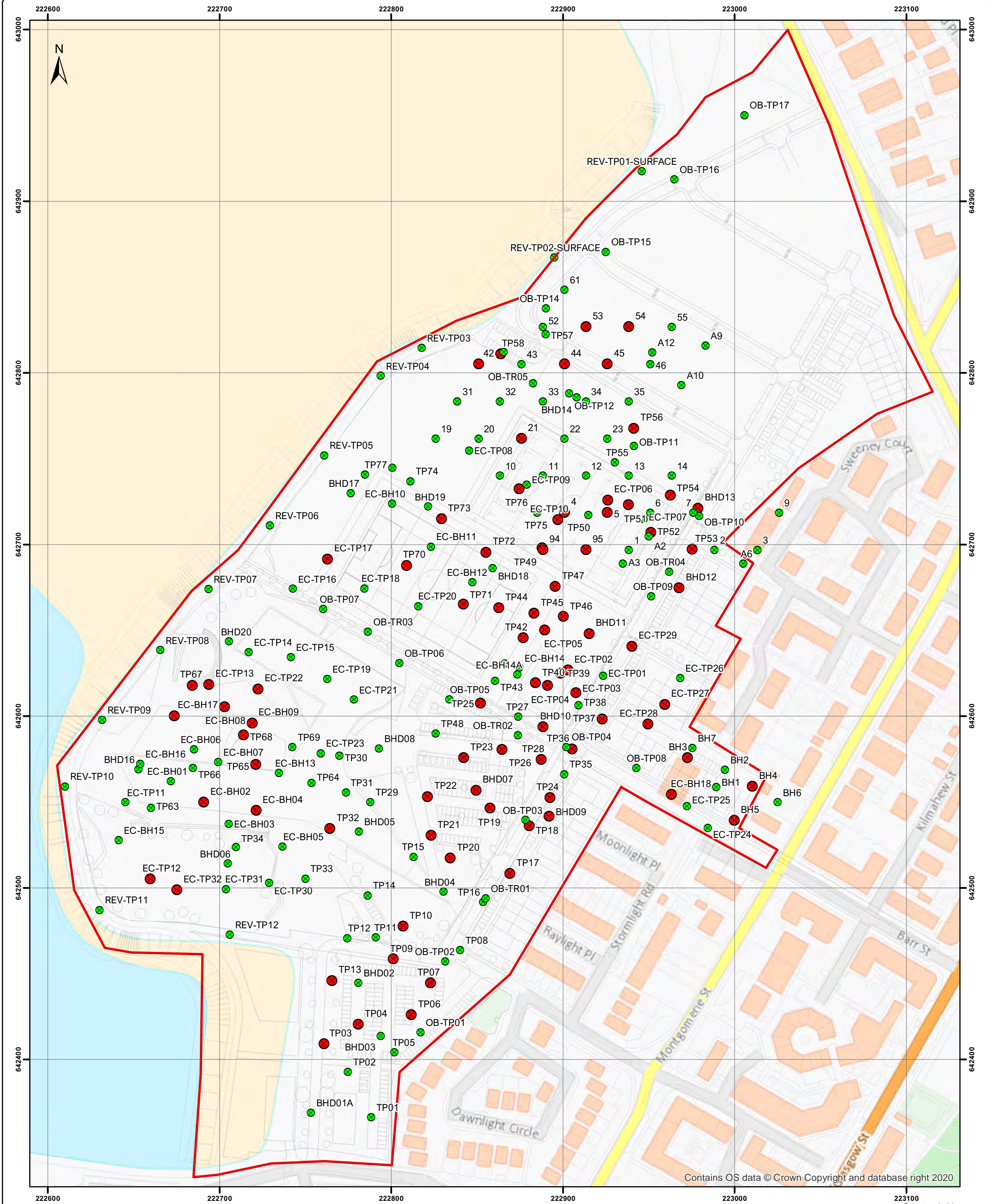
Status

Final

Drawing No. 173958-GIS020	Revision -	Date 31 Jan 2023
Drawn FR	Checked GD	Approved GD

Rev	Date	Amendment	Initials
-	-	-	-

8 Eagle Street, Craighall Business Park, Glasgow, G4 9XA.
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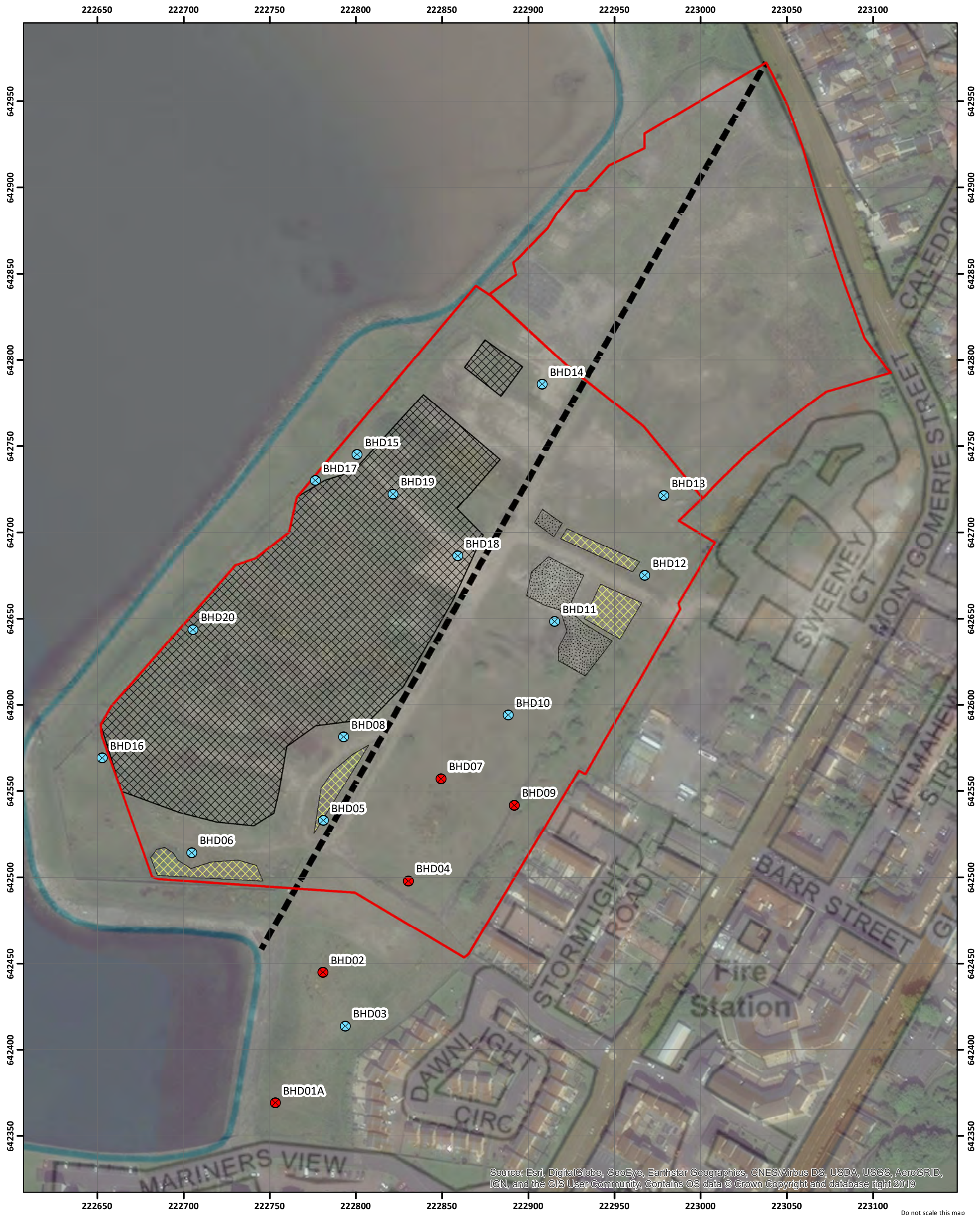
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Do not scale this map

- Legend**
- ▭ Site Boundary
 - TPH & PAH**
 - TPH/PAH Exceedance(s)
 - No TPH/PAH Exceedances

Client Fairhurst
Project Ardossan North Shore
Title TPH & PAH Exceedances of Water Environment Screening Criteria in Soil Leachate Samples
Scale 1:2,000 @A3

Status Final			
Drawing No. 173958-GIS021	Revision -		
Date 25 Jan 2023			
Drawn FR	Checked GD		
Approved GD			
Rev	Date	Amendment	Initials
-	-	-	-
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Do not scale this map

Legend

- ⊗ No Obvious Product Present
- ⊗ Product Present
- Approximate Area of Stockpiles
- Concrete and Rubble Heaps
- Uneven Ground
- Indicative Line of Old Seawall
- Site Boundaries

Revisions
B: Updated to show July 2019 locations

<p>Client North Ayrshire Council</p>	<p>Status Final</p>
<p>Project Ardrossan</p>	<p>Drawing No. 171301-015</p> <p>Revision B</p>
<p>Title Boreholes Containing Product</p>	<p>Scale 1:2,000</p> <p>Drawn NC</p> <p>Checked FR</p> <p>Date A3 19 Feb 2020</p> <p>Approved GD</p>
<p>Craighall Business Park, Eagle Street, Glasgow, G4 9XA Tel: 0141 341 5040 Fax: 0141 341 5045</p>	

B FACTUAL REPORT

GROUND INVESTIGATION REPORT



CONTRACT: NORTH BAY, ARDROSSAN
CONTRACT NO: 7124 - 137240
DATE: 30/01/2023
CLIENT: NORTH AYRSHIRE COUNCIL
ENGINEER: FAIRHURST LTD



Contract no: 7124 - 137240
Contract name: NORTH BAY, ARDROSSAN
Client: NORTH Ayrshire Council
Engineer: FAIRHURST LTD
Date: 09/01/2023



1.0 INTRODUCTION

The contents of this report relate to a ground investigation carried out at the proposed development site at North Bay, Ardrossan. The purpose of the ground investigation is to ascertain the presence of any geo-environmental and geotechnical factors that may hinder the development and to identify the presence (or otherwise) of obstructions. In addition, trial pitting along the existing revetment was to identify if the material can be re-used. The proposed development of the site comprises of the construction of a new school building with associated car parking, roadways and sports pitches. The report was commissioned by the Engineer, Fairhurst, 4th Floor, Tay House, 300 Bath Street, Glasgow, G2 4JR on behalf of the Client, North Ayrshire Council, Cunninghame House, Irvine, KA12 8EE,

2.0 DESCRIPTION OF THE SITE

The site is centred at National Grid Reference NS 22890 42660, within the North Bay of Ardrossan, on the west coast of Scotland and covers an area of approximately 15ha. The site is bounded to the south and west by the Firth of Clyde, to the north by North Crescent Road, which is in the north-easternmost section of the site, topographically higher than the rest of the site and supported on an embankment, and to the east by Montgomerie Street and a series of new residential developments. Locally on the eastern boundary of the site a bus depot is present. Ardrossan Harbour, Marina, and Ferry Terminal are located approximately 400m south of the site boundary.

The site was previously leased to Shell for use as a bitumen oil terminal, which was closed during the 1980s with the majority of the above ground buildings and infrastructure having been removed since that time. The site is currently undeveloped "Brownfield" land and the site in general is mainly used by dog walkers or as an access point for recreational fishing.

The site comprises a mixture of wild grass and weeds such as thistles and areas of hardstanding and concrete retaining structures which appear to be remnants of the previous bitumen oil terminal. Locally in the northern area of the site the ground surface level is lower and this is considered to be associated with the demolition of the former structures in this area, with standing water present in this section. Various chamber and manhole covers are present throughout the site, with street lighting columns also present. The south-west of the site is mainly occupied by large and extensive stockpiles of imported material, with localised stockpile in the eastern area of the site that comprises of rubble, tarmac and crushed concrete intermixed with subsoil. In addition a series of small stockpiles are present in the northern section of the site, including tarmac chippings. With regards to the stockpiles in the western area of the site, previous information indicates that these stockpiles comprised of the following; Bio-remediated soil and Imported soils from other sites including topsoil stripped from the previous residential development site, located adjacent to the southeast of the site.

The main vehicular access to the site is gained through a gate from North Crescent Road, albeit pedestrian access is also present over and between a series of existing bunds. Access to the south of the site can be obtained by foot directly via the new housing development located adjacent to the south of site boundary.

3.0 FIELDWORK

3.1 Areas of Investigation

The exploratory hole locations were accessed via the existing access road and internal tracks. Service / utility plans were checked and the boring rigs / excavators were tracked to the locations. The locations of the exploratory holes were agreed on site with the Engineer and are shown on the location sketch provided by the engineer contained in Appendix 1.0 of this report. The exact locations and levels were surveyed on the completion of the fieldwork using a GPS smart rover. Fieldwork was carried out during normal dayshift hours between the 24/11/2022 and 06/12/2022 in accordance with BS.5930; "Site investigations".

3.2 Continuous Percussion Boring By Premier 110

Nineteen number boreholes, ECBH01 to ECBH18 & ECBH14A were sunk by a two man crew using a Premier 110 continuous percussion soils boring rig. Regular disturbed soil samples were recovered from each stratum encountered. Samples were also recovered in appropriate containers for chemical analysis. In apparently cohesive strata, open-drive “undisturbed” soil samples were attempted. Standard Penetration Tests (S.P.T.) were carried out at 1.0m intervals. On completion of the boreholes 50mm diameter HDPE standpipes were installed in all boreholes with the exception of ECBH14 and ECBH14A as instructed by the Engineer.

3.3 Hand Dug Trial Pits

Nineteen number trial pits were excavated by hand using spades, double shovels and pinch bars. The purpose of the pits was to allow for inspection of the shallow soils and ensure the borehole locations were free of buried services.

3.4 Trial Pitting

Thirty two number trial pits, ECTP01 to ECTP32 were excavated and backfilled using a tracked 360 degree, 20 ton hydraulic excavator. The purpose of the pits was to allow inspection of the shallow soil deposits and to recover samples for subsequent laboratory testing. The pits were logged and sampled by SKF’s Engineer using guidelines detailed in BS.5930.

Seventeen number trial pits and five number trial trenches, OBTP01 to OBTP17 and OBTR01 to OBTR05 were excavated and backfilled using a tracked 360 degree, 20 ton hydraulic excavator. The purpose of the pits was to allow inspection of the shallow soil deposits and search for the presence of any historically buried obstruction, foundations or structures.

Ten number trial pits REVTP03 to REVTP12 were excavated and backfilled using a tracked 360 degree, 20 ton hydraulic excavator. The purpose of the pits was to allow inspection of the existing revetment and to identify if the material could be re-used. REVTP01 and REVTP02 were not excavated due to the location of buried services and the make up the revetment being visible at surface.

3.5 Borehole Logs, Trial Pit Logs & Insitu Testing

All soil strata encountered were described on site by SKF’s Engineer using guidelines detailed in BS.5930. Rock cores were examined post field work by a specialist geologist at SKF’s rock core store. In the course of boring each borehole the incidence of groundwater was noted by the Engineer. Within the soils boreholes Standard Penetration Tests (S.P.T.), using a split barrel sampler or cone as appropriate, were performed at regular depths. The results of these tests have been used to assess the relative density of cohesionless soils in accordance with BS.5930: “Site investigations” Where granular soils were encountered and no SPT data is available the soil density has been estimated by SKF’s Engineer. Exploratory hole logs are contained in Appendix 2.0 of this report. Trial pit photographs are contained in Appendix 5.0 of this report.

On completion of the fieldwork six number return visits to the site were made to carry out gas and groundwater / free product monitoring in the standpipes. The results are included in Appendix 4.0 of this report.

3.6 Termination Depths

All soil boreholes were terminated at the scheduled depth or on refusal within hard strata on presumed bedrock. The trial pits and trenches were terminated at maximum depth due to bedrock, boulders, excavator capability or on reaching scheduled depth / test strata.

4.0 LABORATORY WORK

4.1 Soil

A programme of laboratory testing (chemical only) proposed by the Engineer was carried out on selected soil samples. References and methods for each test are detailed on the appropriate results sheets. The results of all laboratory tests are contained in Appendix 3.0 of this report.

APPENDIX 1.0 LOCATION PLAN / SURVEY RESULTS

LOCATION	E	N	LEVEL
EC-BH01	222671.60	642562.07	6.78
EC-BH02	222690.71	642549.88	6.40
EC-BH03	222705.31	642537.27	7.07
EC-BH04	222721.27	642545.16	6.39
EC-BH05	222736.64	642524.08	6.07
EC-BH06	222685.04	642580.76	6.74
EC-BH07	222699.08	642573.28	6.23
EC-BH08	222702.84	642605.45	7.46
EC-BH09	222718.90	642596.03	6.94
EC-BH10	222800.43	642723.93	7.87
EC-BH11	222823.07	642698.88	7.18
EC-BH12	222847.24	642678.09	5.80
EC-BH13	222734.61	642567.01	4.34
EC-BH14	222874.62	642628.39	4.24
EC-BH14A	222873.41	642624.27	4.32
EC-BH15	222641.18	642527.78	4.04
EC-BH16	222653.68	642572.27	4.15
EC-BH17	222673.62	642600.27	4.28
EC-BH18	222963.16	642554.37	5.19
EC-TP01	222923.35	642623.60	4.53
EC-TP02	222902.86	642626.89	4.60
EC-TP03	222907.54	642613.56	4.63
EC-TP04	222891.11	642617.85	4.53
EC-TP05	222889.32	642650.18	4.28
EC-TP06	222926.04	642725.98	3.95
EC-TP07	222946.94	642714.80	4.03
EC-TP08	222845.32	642754.66	3.97
EC-TP09	222878.79	642734.98	3.88
EC-TP10	222897.05	642714.58	4.04
EC-TP11	222645.06	642549.95	4.29
EC-TP12	222659.47	642505.10	4.14
EC-TP13	222693.79	642618.56	4.34
EC-TP14	222716.93	642637.33	4.31
EC-TP15	222741.53	642634.44	5.24
EC-TP16	222742.70	642674.27	5.24
EC-TP17	222762.85	642691.62	5.34
EC-TP18	222784.41	642674.49	5.49
EC-TP19	222762.61	642621.74	5.19
EC-TP20	222815.77	642664.13	5.58
EC-TP21	222778.24	642609.72	5.36
EC-TP22	222722.36	642615.89	4.16
EC-TP23	222758.92	642578.41	4.04
EC-TP24	222984.42	642535.04	4.93
EC-TP25	222972.20	642547.69	5.12
EC-TP26	222968.32	642622.21	4.90
EC-TP27	222959.28	642606.90	4.80
EC-TP28	222949.52	642595.33	4.14
EC-TP29	222940.20	642640.74	4.24
EC-TP30	222728.75	642503.04	4.18
EC-TP31	222703.70	642499.31	4.14
EC-TP32	222675.08	642498.81	4.35
OB-TP01	222816.96	642415.74	4.05

LOCATION	E	N	LEVEL
OB-TP02	222831.47	642457.13	4.58
OB-TP03	222878.20	642539.56	3.99
OB-TP04	222901.98	642582.17	4.07
OB-TP05	222833.82	642609.83	4.18
OB-TP06	222804.61	642630.99	5.28
OB-TP07	222760.36	642662.51	5.07
OB-TP08	222942.75	642569.83	4.36
OB-TP09	222951.39	642669.85	4.05
OB-TP10	222979.26	642716.65	3.89
OB-TP11	222941.30	642757.69	3.90
OB-TP12	222903.51	642788.12	3.79
OB-TP13	222865.41	642812.10	3.90
OB-TP14	222890.00	642837.64	4.10
OB-TP15	222925.00	642870.63	3.87
OB-TP16	222964.84	642912.88	4.03
OB-TP17	223005.66	642950.22	3.63
OB-TR01	222854.91	642493.95	3.93
OB-TR02	222873.70	642588.88	3.93
OB-TR03	222786.46	642649.36	5.38
OB-TR04	222961.81	642684.20	4.10
OB-TR05	222882.65	642794.03	3.80
REV-TP01-SURFACE	222945.91	642917.66	2.63
REV-TP02-SURFACE	222895.01	642867.30	1.94
REV-TP03	222817.70	642814.62	4.35
REV-TP04	222793.92	642798.40	4.13
REV-TP05	222760.99	642752.08	4.33
REV-TP06	222729.33	642711.13	4.43
REV-TP07	222693.49	642674.13	4.07
REV-TP08	222665.45	642638.52	4.62
REV-TP09	222631.64	642597.93	4.23
REV-TP10	222609.84	642559.14	4.69
REV-TP11	222630.06	642487.12	4.36
REV-TP12	222706.00	642472.72	3.94

APPENDIX 2.0 – EXPLORATORY HOLE LOGS



SKF Ltd, Constablewood Estate, Brisbane Glen, Largs
 Tel: 07795 493892 Email: SKFLTD@BTINTERNET.COM

BOREHOLE NO. EC-BH01

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222671.60**

Date: **29/11/2022**

Equipment: **PREMIER BADGER**

N 642562.07

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	6.78			
MADE GROUND: Topsoil / tall rough grass.		0.25	6.53	DJ 0.20		
MADE GROUND: Soft and very soft dark brown sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick, concrete, blaes and glass. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.		1.90	4.88	DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	1,1,1,1,1,1	
MADE GROUND: Loose dark grey very clayey gravelly fine to coarse sand with traces of decayed roots and fibres. Gravel fine to coarse and angular to sub rounded. Strong odour of hydrocarbons.		3.05	3.73	DJ 2.00 SPT 2.00-2.45 U86 [B] 2.00-3.00	0,1,1,1,1,1	
MADE GROUND: Medium dense light brown and greyish brown slightly silty slightly gravelly fine to coarse sand with traces of shell. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.		6.30	0.48	DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00	4,4,5,6,7,5	
				DJ 4.00 SPT 4.00-4.45 U78 [B] 4.00-5.00	4,4,3,5,6,7	
				DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00	2,3,3,4,5,6	
				DJ 6.00 SPT 6.00-6.45 U66 [B] 6.00-7.00	3,3,4,7,7,9	
Medium dense dark grey and black very silty gravelly fine to coarse SAND with traces of shell. Gravel fine to coarse and angular to sub rounded. Oily sheen and strong odour of hydrocarbons.		7.50	-0.72	D 7.00 SPT 7.00-7.45	3,2,3,3,4,5	
Dense to very dense grey very silty fine to coarse SAND.		10.00	-3.22	SPT 7.50-7.95 SPT 8.00-8.45 SPT 8.50-8.95 SPT 9.00-9.45 SPT 9.50-9.95	6,7,9,10,9,9 10,11,10,11,12,11 11,11,11,11,12,12 12,12,13,12,13,12 13,14,14,15,16,16	

Water Strikes Strike: 5.70 Flow: RAPID	Details Casing: 4.00 Final Depth: 10.00	SYMBOLS KEY
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 7.00m. Notes:	Logged by: LS Checked by: SKF	B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER
		ALL DIMENSIONS ARE IN METRES



SKF Ltd, Constablewood Estate, Brisbane Glen, Largs
 Tel: 07795 493892 Email: SKFLTD@BTINTERNET.COM

BOREHOLE NO. EC-BH02

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222690.71**

Date: **29/11/2022**

Equipment: **PREMIER BADGER**

N 642549.88

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	6.40			
MADE GROUND: Topsoil / tall rough grass. [GL-0.10m]. MADE GROUND: Soft and very soft dark brown sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick, concrete, blaes and glass. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.		1.80	4.60	DJ 0.20 DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	0,0,1,0,1,1	
MADE GROUND: Soft dark grey very sandy gravelly clay with occasional fragments of blaes. Gravel fine to coarse and angular to sub rounded. Strong odour of hydrocarbons.		2.50	3.90	DJ 2.00 SPT 2.00-2.45 U86 [B] 2.00-3.00	1,1,0,1,2,1	
MADE GROUND: Medium dense light brown and greyish brown slightly silty slightly gravelly fine to coarse sand with traces of shell. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.		5.30	1.10	DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00 DJ 4.00 SPT 4.00-4.45 U78 [B] 4.00-5.00 DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00	1,2,3,2,3,4 2,2,3,3,4,4 3,3,3,4,5,5	
POSSIBLE MADE GROUND: Medium dense dark grey very silty gravelly fine to coarse sand with traces of shell. Gravel fine to coarse and angular to sub rounded.		7.15	-0.75	DJ 6.00 SPT 6.00-6.45 U66 [B] 6.00-7.00 DJ 7.00 SPT 7.00-7.45 U66 [B] 7.00-8.00	3,4,5,6,7,7 3,5,5,7,9,9	
Dense becoming very dense grey very silty fine to coarse SAND with occasional cobbles. At 9.30m hard obstruction, presumed boulder.		9.30	-2.90	D 8.00 SPT 8.00-8.45 SPT 8.50-8.95 SPT 9.00-9.30	6,6,7,8,9,11 9,10,12,11,12,12 15,17,20,31	

Water Strikes Strike: 5.30 Flow: MODERATE		Details Casing: 4.00 Final Depth: 9.30		SYMBOLS KEY	
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 7.70m. Notes:				B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER	
Logged by: LS		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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BOREHOLE NO. EC-BH03

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222705.31**

Date: **29/11/2022**

Equipment: **PREMIER BADGER**

N 642537.27

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	7.07			
<p>MADE GROUND: Topsoil / tall rough grass. [GL-0.10m].</p> <p>MADE GROUND: Soft and very soft dark brown sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick, concrete, blaes and glass. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.</p>				DJ 0.20 DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00 1,1,1,1,1,1 DJ 2.00 SPT 2.00-2.45 U86 [B] 2.00-3.00 0,1,0,1,1,1		
<p>MADE GROUND: Medium dense light brown and greyish brown slightly silty slightly gravelly fine to coarse sand with traces of shell. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.</p>			2.85	4.22	DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00 3,5,5,5,7,8 DJ 4.00 SPT 4.00-4.45 U78 [B] 4.00-5.00 3,3,4,4,5,4 DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00 2,3,2,2,4,6 DJ 6.00 SPT 6.00-6.45 U66 [B] 6.00-7.00 3,5,5,5,5,6 DJ 7.00 SPT 7.00-7.45 U66 [B] 7.00-8.00 4,4,6,6,6,7	
Dense becoming very dense grey very silty fine to coarse SAND.				D 8.00 SPT 8.00-8.45 5,7,7,8,8,9 SPT 8.50-8.95 9,10,10,10,12,11 SPT 9.00-9.45 13,12,12,14,15,16 SPT 9.50-9.95 14,15,16,17,16,17		
		10.00	-2.93			

Water Strikes Strike: 5.50 Flow: MODERATE	Details Casing: 4.00 Final Depth: 10.00	SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 7.00m. Notes:		ALL DIMENSIONS ARE IN METRES
Logged by: LS Checked by: SKF		



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BOREHOLE NO. EC-BH04

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222721.27**

Date: **25/11/2022**

Equipment: **PREMIER BADGER**

N 642545.16

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	6.39			
MADE GROUND: Topsoil / tall rough grass.		0.30	6.09	DJ 0.20		
MADE GROUND: Soft dark brown very sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick and concrete. Gravel fine to coarse and angular to sub rounded. Occasional cobbles at depth. Slight odour of hydrocarbons.		2.40	3.99	DJ 0.50		
				DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	1,0,1,1,0,1	
MADE GROUND: Loose light greyish brown slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Strong odour of hydrocarbons.		3.50	2.89	DJ 2.00 SPT 2.00-2.45 U86 [B] 2.00-3.00	17,7,7,6,5,5	
				DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00	1,2,2,1,2,2	
POSSIBLE MADE GROUND: Medium dense becoming dense dark grey very silty fine to coarse sand. Oily sheen and strong odour of hydrocarbons.		5.15	1.24	DJ 4.00 SPT [NR] 4.00-4.45 U78 [B] 4.00-5.00	1,2,2,2,3,2	
				DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00	1,2,3,2,3,3	
Medium dense becoming dense dark grey very silty fine to coarse SAND. Oily sheen and strong odour of hydrocarbons.		8.00	-1.61	DJ 6.00 SPT 6.00-6.45 U66 [B] 6.00-7.00	3,3,5,5,5,6	
				DJ 7.00 SPT 7.00-7.45	4,5,5,6,7,7	
				SPT 7.50-7.95	8,8,7,8,7,9	
Dense to very dense grey very silty fine to coarse SAND.		10.00	-3.61	SPT 8.00-8.45	10,10,12,13,12,14	
				SPT 8.50-8.95	14,17,16,15,14,16	
				SPT 9.00-9.45	14,15,13,15,14,15	
				SPT 9.50-9.95	12,13,14,13,13,13	

Water Strikes	Details	SYMBOLS KEY
Strike: 2.40 Flow: RAPID	Casing: 4.00 Final Depth: 10.00	B - BULK U - UNDISTURBED D - SMALL DISTURBED J - JAR V - VIAL W - WATER NR - NO RECOVERY * - ESTIMATED DENSITY HV - HAND VANE
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 5.00m. Notes:		ALL DIMENSIONS ARE IN METRES
Logged by: LS	Checked by: SKF	



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BOREHOLE NO. EC-BH05

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222736.64**

Date: **25/11/2022**

Equipment: **PREMIER BADGER**

N 642524.08

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	6.07			
MADE GROUND: Topsoil / tall rough grass.		0.30	5.77	DJ 0.20		
MADE GROUND: Soft dark brown very sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick and concrete. Gravel fine to coarse and angular to sub rounded.		1.85	4.22	DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 1.00-2.00	0,0,1,0,1,1	
MADE GROUND: Dense* brown and grey slightly clayey sand and gravel with occasional cobbles. Gravel fine to coarse and angular to sub rounded. [1.85m-2.05m]. MADE GROUND: Dense brown and grey slightly silty gravelly fine to coarse sand with occasional pockets of topsoil.		3.05	3.02	DJ 2.00 SPT 2.00-2.45 U86 2.00-3.00	7,11,10,9,8,7	
MADE GROUND: Loose light brown slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Strong odour of hydrocarbons.		5.30	0.77	DJ 3.00 SPT 3.00-3.45 U86 3.00-4.00	0,1,1,1,1,1	
Medium dense becoming dense dark grey very silty fine to coarse SAND. Strong odour of hydrocarbons.		8.80	-2.73	DJ 4.00 SPT 4.00-4.45 U86 4.00-5.00	1,1,2,2,2,2	
				DJ 5.00 SPT 5.00-5.45 U78 5.00-6.00	2,2,2,3,2,2	
				DJ 6.00 SPT 6.00-6.45 U78 6.00-7.00	2,2,2,3,3,4	
Recovered as red sandy fine to coarse angular gravel of SANDSTONE. Possible bedrock.				DJ 7.00 SPT 7.00-7.45	3,4,5,4,5,5	
				SPT 7.50-7.95	5,5,4,4,4,6	
				SPT 8.00-8.45	6,6,6,7,7,8	
				SPT 8.50-8.85	10,7,6,4,55/50mm	

Water Strikes Strike: 2.90 Flow: MODERATE		Details Casing: 4.00 Final Depth: 8.85		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER	
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 7.00m. Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: LS		Checked by: SKF			



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BOREHOLE NO. EC-BH06

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222685.04**

Date: **28/11/2022**

Equipment: **PREMIER BADGER**

N 642580.76

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	6.74			
MADE GROUND: Topsoil / tall rough grass.		0.30	6.44	DJ 0.20		
MADE GROUND: Soft and soft to firm dark brown sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick and concrete. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.		2.90	3.84	DJ 0.50		
				DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	1,0,1,0,1,1	
MADE GROUND: Possible existing brick and mortar foundations.		4.05	2.69	DJ 2.00 SPT [NR] 2.00-2.45 U86 [B] 2.00-3.00	4,2,1,1,1,1	
				DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00	12,15,20,22,17,14	
MADE GROUND: Medium dense light greyish brown and brown slightly silty slightly gravelly fine to coarse sand with traces of blaes. Gravel fine to coarse and angular to sub rounded. Strong odour of hydrocarbons.		5.40	1.34	SPT 3.50-3.95	14,26,16,15,14,12	
				DJ 4.00 SPT 4.00-4.45 U78 [B] 4.00-5.00	3,3,3,4,3,5	
POSSIBLE MADE GROUND: Medium dense becoming dense dark grey very silty fine to coarse sand. Oily sheen and strong odour of hydrocarbons.		7.50	-0.76	DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00	3,3,2,2,3,4	
				DJ 6.00 SPT 6.00-6.45 U66 [B] 6.00-7.00	3,3,3,4,5,6	
Medium dense becoming dense dark grey very silty fine to coarse SAND. Oily sheen and strong odour of hydrocarbons.		8.50	-1.76	DJ 7.00 SPT 7.00-7.45	2,4,4,5,5,6	
				SPT 7.50-7.95	6,5,5,7,7,8	
Dense to very dense grey very silty fine to coarse SAND.		10.00	-3.26	SPT 8.00-8.45	9,7,7,6,7,8	
				SPT 8.50-8.95	10,9,9,11,11,12	
				SPT 9.00-9.45	10,9,11,12,11,11	
				SPT 9.50-9.95	11,12,12,11,13,13	

Water Strikes Strike: 3.00 & 8.00 Flow: MODERATE		Details Casing: 4.00 Final Depth: 10.00		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER	
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 7.00m. Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: LS		Checked by: SKF			



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BOREHOLE NO. EC-BH07

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222699.08**

Date: **28/11/2022**

Equipment: **PREMIER BADGER**

N 642573.28

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	6.23			
MADE GROUND: Topsoil / tall rough grass. [GL-0.10m]. MADE GROUND: Soft and very soft dark brown sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick and concrete. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.		2.20	4.03	DJ 0.20 DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00 DJ 2.00 SPT 2.00-2.45 U86 [B] 2.00-3.00	0,1,0,1,0,1 0,1,1,8,16,15	
MADE GROUND: Dense grey, brown, light brown and red sandy fine to coarse angular gravel of crushed demolition rubble of concrete and brick fragments.		2.95	3.28	DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00	2,2,3,4,3,3	
MADE GROUND: Medium dense brown slightly silty slightly gravelly fine to coarse sand with traces of shell. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.		5.20	1.03	DJ 4.00 SPT 4.00-4.45 U78 [B] 4.00-5.00 DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00	1,2,3,2,3,2 2,3,3,3,3,3	
POSSIBLE MADE GROUND: Medium dense becoming dense dark grey very silty fine to coarse sand. Slight odour of hydrocarbons.		7.30	-1.07	DJ 6.00 SPT 6.00-6.45 U66 [B] 6.00-7.00 DJ 7.00 SPT 7.00-7.45 U66 [B] 7.00-8.00	3,5,5,6,6,7 4,4,6,7,9,9	
Dense grey very silty fine to coarse SAND.		10.00	-3.77	DJ 8.00 SPT 8.00-8.45 U66 [B] 8.00-9.00 D 9.00 SPT 9.00-9.45 SPT 9.50-9.95	4,5,6,8,7,8 4,6,7,8,8,9 10,11,10,11,12,12	

Water Strikes Strike: 4.80 Flow: MODERATE		Details Casing: 4.00 Final Depth: 10.00		SYMBOLS KEY	
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 9.00m. Notes:				B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER	
Logged by: LS		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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BOREHOLE NO. EC-BH08

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222702.84**

Date: **01/12/2022**

Equipment: **PREMIER BADGER**

N 642605.45

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	7.46			
MADE GROUND: Topsoil / tall rough grass. [GL-0.10m]. MADE GROUND: Soft and soft to firm dark brown and brown very sandy gravelly clay intermixed with fragments of brick and concrete. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons. Many cobbles.				DJ 0.20 DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00 DJ 2.00 SPT 2.00-2.45 U86 [B] 2.00-3.00 DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00 DJ 4.00 SPT 4.00-4.45 U78 [B] 4.00-5.00	3,2,1,1,1,1 1,1,4,7,6,3 3,5,6,11,9,11 9,9,9,7,7,8	
MADE GROUND: Medium dense at top becoming loose light brown slightly silty slightly gravelly fine to coarse sand with traces of shell. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.				DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00 DJ 6.00 SPT 6.00-6.45 U66 [B] 6.00-7.00	1,2,2,1,2,2 0,1,2,3,4,5	
MADE GROUND: Loose dark grey and black very silty fine to coarse sand. Oily sheen and strong odour of hydrocarbons.				DJ 7.00 SPT 7.00-7.45 SPT 7.50-7.95	1,1,1,2,3,5 5,5,6,6,8,9	
Dense becoming very dense grey very silty fine to coarse SAND. Slight odour of hydrocarbons.				SPT 8.00-8.45 SPT 8.50-8.95 SPT 9.00-9.45 SPT 9.50-9.65	9,9,10,10,11,11 12,12,9,10,10,11 11,12,12,11,12,13 14,18	
		9.65	-2.19			

Water Strikes Strike: 6.80 Flow: MODERATE		Details Casing: 4.00 Final Depth: 9.65		SYMBOLS KEY	
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 7.00m. Notes:				B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER	
Logged by: LS		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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BOREHOLE NO. EC-BH09

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222718.90**

Date: **01/12/2022**

Equipment: **PREMIER BADGER**

N 642596.03

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	6.94			
MADE GROUND: Topsoil / tall rough grass. [GL-0.10m]. MADE GROUND: Soft and soft to firm dark brown sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick, blaes and concrete. Gravel fine to coarse and angular to sub rounded. Strong odour of hydrocarbons.				DJ 0.20 DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00 DJ 2.00 SPT 2.00-2.45 U86 [B] 2.00-3.00	1,0,2,1,1,0 1,2,4,2,2,2	
MADE GROUND: Medium dense dark grey, grey and brown slightly clayey very gravelly fine to coarse sand with traces of brick. Gravel fine to coarse and angular to sub rounded. Occasional cobbles. Strong odour of hydrocarbons.		2.60	4.34	DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00	9,9,9,7,7,8	
MADE GROUND: Medium dense brown slightly silty slightly gravelly sand with traces of shell. Gravel fine to coarse and angular to sub rounded. Strong odour of hydrocarbons.				DJ 4.00 SPT 4.00-4.45 U78 [B] 4.00-5.00 DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00	2,3,3,5,5,4 2,3,4,4,4,4	
MADE GROUND: Loose at top becoming medium dense dark grey and black very silty fine to coarse sand. Oily sheen and strong odour of hydrocarbons.		3.95	2.99	DJ 6.00 SPT 6.00-6.45 U66 [B] 6.00-7.00 DJ 7.00 SPT 7.00-7.45 U66 [B] 7.00-8.00 DJ 8.00 SPT 8.00-8.45	1,2,2,2,2,3 2,3,4,5,5,6 5,7,6,7,5,7	
Dense becoming very dense grey very silty fine to coarse SAND. Slight odour of hydrocarbons.		8.50	-1.56	SPT 8.50-8.95 SPT 9.00-9.45 SPT 9.50-9.95	8,8,9,9,9,9 9,11,12,11,12,12 13,11,13,13,14,15	
		10.00	-3.06			

Water Strikes Strike: 3.10 & 5.00 Flow: MODERATE	Details Casing: 4.00 Final Depth: 10.00	SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 7.00m. Notes:		
Logged by: LS	Checked by: SKF	



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BOREHOLE NO. EC-BH10

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222800.43**

Date: **02/12/2022**

Equipment: **PREMIER BADGER**

N 642723.93

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	7.87			
MADE GROUND: Topsoil / tall rough grass. [GL-0.10m]. MADE GROUND: Soft and soft to firm dark brown and dark grey sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick, blaes and concrete. Gravel fine to coarse and angular to sub rounded. Strong odour of hydrocarbons.				DJ 0.20 DJ 0.50 DJ 1.00 SPT (NR) 1.00-1.45 U86 [B] 1.00-2.00 DJ 2.00 SPT 2.00-2.45 U86 [B] 2.00-3.00 DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00	0,1,0,1,1,0 0,1,1,0,1,1 1,1,1,2,1,1	
MADE GROUND: Dense grey and red sandy fine to coarse angular gravel of brick and mortar. Possible existing foundations.		3.60	4.27	DJ 4.00 SPT 4.00-4.45 U78 [B] 4.00-5.00	10,9,9,5,5,7	
MADE GROUND: Medium dense at top becoming loose light brown slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.		4.50	3.37	DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00 DJ 6.00 SPT 6.00-6.45 U66 [B] 6.00-7.00	2,3,4,5,4,6 1,2,2,2,2,3	
POSSIBLE MADE GROUND: Medium dense dark grey and grey very silty fine to coarse sand. Strong odour of hydrocarbons.		7.10	0.77	DJ 7.00 SPT 7.00-7.45	2,3,3,3,2,6	
Very dense grey very silty fine to coarse SAND. Slight odour of hydrocarbons.		8.15	-0.28	SPT 7.50-7.95 SPT 8.00-8.45	3,8,8,9,10,11 9,9,10,11,11,12	
		9.50	-1.63	SPT 8.50-8.95 SPT 9.00-9.45	13,12,14,14,14,15 15,16,18,19,19,21	

Water Strikes	Details	SYMBOLS KEY
Strike: 5.00 Flow: MODERATE	Casing: 4.00 Final Depth: 9.50	B - BULK U - UNDISTURBED D - SMALL DISTURBED J - JAR V - VIAL W - WATER NR - NO RECOVERY * - ESTIMATED DENSITY HV - HAND VANE
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 7.00m. Notes:		ALL DIMENSIONS ARE IN METRES
Logged by: LS	Checked by: SKF	



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BOREHOLE NO. EC-BH11

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222823.07**

Date: **30/11/2022**

Equipment: **PREMIER BADGER**

N 642698.88

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	7.18			
MADE GROUND: Topsoil / tall rough grass. [GL-0.15m]. MADE GROUND: Soft and soft to firm dark brown sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick and concrete. Gravel fine to coarse and angular to sub rounded. Slight odour of hydrocarbons.		1.40	5.78	DJ 0.20 DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	1,1,0,1,1,0	
MADE GROUND: Firm dark grey and brown sandy gravelly clay with occasional fragments of brick and concrete. Gravel fine to coarse and angular to sub rounded. Strong odour of hydrocarbons.		3.10	4.08	DJ 2.00 SPT [NR] 2.00-2.45 U86 [B] 2.00-3.00	1,2,2,2,2,2	
MADE GROUND: Very dense dark grey, red and brown sand and gravel predominantly of brick and concrete. Gravel fine to coarse and angular to sub rounded. Possible existing foundations.		3.45	3.73	DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00	6,6,11,15,12,12	
MADE GROUND: Medium dense orange brown slightly silty fine to coarse sand with traces of slag and brick. Strong odour of hydrocarbons. Occasional cobbles.		4.05	3.13	DJ 4.00 SPT 4.00-4.45 U78 [B] 4.00-5.00	7,8,8,8,8,9	
POSSIBLE MADE GROUND: Dense light brown silty slightly gravelly fine to coarse sand. Slight odour of hydrocarbons.		6.50	0.68	DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00	5,6,6,7,8,8	
				DJ 6.00 SPT 6.00-6.45 U66 [B] 6.00-7.00	3,3,5,6,6,7	
Loose grey and dark grey very silty fine to coarse SAND with traces of shell. Slight odour of hydrocarbons.		10.00	-2.82	D 7.00 SPT 7.00-7.45 U66 7.00-8.00	3,4,5,5,6,7	
				D 8.00 SPT 8.00-8.45 U66 [B] 8.00-9.00	0,1,2,2,2,2	
				D 9.00 SPT 9.00-9.45 U66 [B] 9.00-10.00	2,2,2,2,3,3	
				D 10.00		

Water Strikes	Details	SYMBOLS KEY
Strike: 6.80 Flow: MODERATE	Casing: 4.00 Final Depth: 10.00	B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 9.70m. Notes:		
Logged by: LS	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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BOREHOLE NO. EC-BH12

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222847.24**

Date: **30/11/2022**

Equipment: **PREMIER BADGER**

N 642678.09

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.80			
MADE GROUND: Soft and soft to firm dark brown sandy gravelly clay intermixed with pockets of topsoil and occasional fragments of brick, concrete, porcelain, slag, blaes, glass, ash and cinders. Gravel fine to coarse and angular to sub rounded.		1.80	4.00	DJ 0.20 DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	1,2,2,3,1,2	
MADE GROUND: Medium dense at top becoming very dense dark grey, brown, light brown and red sandy fine to coarse angular gravel of concrete and brick fragments. Possible exsiting foundations.		3.50	2.30	DJ 2.00 SPT 2.00-2.45 U86 [B] 2.00-3.00 DJ 3.00 SPT 3.00-3.45 U86 [B] 3.00-4.00	8,8,7,7,7,10 10,11,15,17,20,14	
MADE GROUND: Medium dense light brown and greyish brown slightly silty slightly gravelly fine to coarse sand with traces of shell. Gravel fine to coarse and angular to sub rounded. Occasional cobbles. Slight odour of hydrocarbons.		6.00	-0.20	DJ 4.00 SPT 4.00-4.45 U86 [B] 4.00-5.00 DJ 5.00 SPT 5.00-5.45 U78 [B] 5.00-6.00	2,3,4,4,5,5 4,4,4,5,6,7	
				D 6.00		

Water Strikes Strike: 1.80 Flow: RAPID	Details Casing: 3.00 Final Depth: 6.00	SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 5.00m. Notes: Borehole pushed off vertical from 3.00m		
Logged by: LS	Checked by: SKF	



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BOREHOLE NO. EC-BH13

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222734.61**

Date: **24/11/2022**

Equipment: **PREMIER BADGER**

N 642567.01

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.34			
MADE GROUND: Topsoil / rough grass.		0.25	4.09	DJ 0.20		
MADE GROUND: Medium dense* brown and grey very clayey gravelly fine to coarse sand with occasional fragments of brick and rubber.		0.60	3.74	DJ 0.50		
MADE GROUND: Medium dense light brown and brown slightly silty gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded.		2.60	1.74	DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	2,3,3,4,3,3	
				DJ 2.00 SPT 2.00-2.45 U78 [B] 2.00-3.00	2,2,2,2,2,2	
POSSIBLE MADE GROUND: Loose becoming medium dense dark grey slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Oily sheen and strong odour of hydrocarbons.		4.65	-0.31	DJ 3.00 SPT 3.00-3.45 U66 [B] 3.00-4.00	2,3,2,3,2,2	
				DJ 4.00 SPT 4.00-4.45 U66 [NR] 4.00-5.00	3,3,4,5,4,5	
Dense dark grey fine to coarse silty SAND with traces of shell.		6.00	-1.66	SPT 5.00-5.45	10,11,12,12,12,12	
				SPT 5.50-5.95	11,13,12,12,13,14	

Water Strikes Strike: 2.80 Flow: MODERATE		Details Casing: 2.00 Final Depth: 6.00		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 4.50m. Notes:				
Logged by: LS		Checked by: SKF		

ALL DIMENSIONS ARE IN METRES



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BOREHOLE NO. EC-BH14

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222874.62**

Date: **01/12/2022**

Equipment: **PREMIER BADGER**

N 642628.39

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.24			
MADE GROUND: Medium dense* grey and brown sandy fine to coarse angular gravel.		0.22	4.02	DJ 0.20		
MADE GROUND: Loose grey and dark grey slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Oily sheen and strong odour of hydrocarbons. At 2.15m concrete slab.				DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	3,3,2,3,2,2	
		2.15	2.09	DJ 2.00 SPT 2.00-2.15	2,2,35/0mm	

Water Strikes Strike: 1.80 Flow: RAPID		Details Casing: 2.00 Final Depth: 2.15		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Borehole backfilled on completion. Notes:				
Logged by: LS		Checked by: SKF		



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BOREHOLE NO. EC-BH15

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222641.18**

Date: **24/11/2022**

Equipment: **PREMIER BADGER**

N 642527.78

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.04			
MADE GROUND: Topsoil / rough grass.		0.25	3.79	DJ 0.20		
MADE GROUND: Loose light brown and brown slightly silty gravelly fine to coarse sand with occasional pockets of dark grey silty sand.				DJ 0.50		
				DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	1,2,2,2,1,2	
POSSIBLE MADE GROUND: Loose brown silty fine to coarse sand intermixed with fragments of shell.		2.70	1.34	DJ 2.00 SPT 2.00-2.45 U78 [B] 2.00-3.00	1,2,1,2,2,2	
				DJ 3.00 SPT 3.00-3.45 U66 [B] 3.00-4.00	1,1,2,2,2,2	
Loose dark grey slightly silty gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded.		3.40	0.64	DJ 4.00 SPT 4.00-4.45	0,1,1,2,2,2	
				SPT 4.50-4.95	2,2,4,6,7,7	
Dense dark grey fine to coarse silty SAND with traces of shell.		4.65	-0.61	SPT 5.00-5.45	8,10,10,10,11,11	
				SPT 5.50-5.95	12,11,10,11,12,13	
		6.00	-1.96			

Water Strikes Strike: 3.00 Flow: MODERATE		Details Casing: 2.00 Final Depth: 6.00		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 4.00m. Notes:				
Logged by: LS		Checked by: SKF		



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BOREHOLE NO. EC-BH16

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222653.68**

Date: **24/11/2022**

Equipment: **PREMIER BADGER**

N 642572.27

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.15			
MADE GROUND: Topsoil / rough grass.		0.25	3.90	DJ 0.20		
MADE GROUND: Loose light brown and brown slightly silty gravelly fine to coarse sand with occasional pockets of dark grey silty sand.				DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	1,1,2,1,2,1	
		2.30	1.85	DJ 2.00 SPT 2.00-2.45 U78 [B] 2.00-3.00	1,2,1,2,2,2	
POSSIBLE MADE GROUND: Loose brown silty fine to coarse sand intermixed with fragments of shell.				DJ 3.00 SPT 3.00-3.45 U66 [B] 3.00-4.00	1,2,2,2,2,2	
		3.50	0.65			
Loose becoming medium dense dark grey slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded.				DJ 4.00 SPT 4.00-4.45	2,2,2,2,1,3	
		5.00	-0.85	SPT 4.50-4.95	3,4,4,4,6,8	
				SPT 5.00-5.45	8,10,10,10,11,12	
Dense dark grey fine to coarse silty SAND with traces of shell.				SPT 5.50-5.95	11,12,12,11,12,14	
		6.00	-1.85			

Water Strikes Strike: 2.80 Flow: MODERATE		Details Casing: 2.00 Final Depth: 6.00		SYMBOLS KEY	
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 4.00m. Notes:				B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER	
Logged by: LS		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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BOREHOLE NO. EC-BH17

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222673.62**

Date: **24/11/2022**

Equipment: **PREMIER BADGER**

N 642600.27

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.28			
MADE GROUND: Topsoil / rough grass.		0.25	4.03	DJ 0.20		
MADE GROUND: Loose* grey, brown, light brown and red sandy fine to coarse angular gravel of crushed demolition rubble of concrete and brick fragments.		0.60	3.68	DJ 0.50		
MADE GROUND: Medium dense* light brown and brown slightly silty gravelly fine to coarse sand with occasional pockets of brownish grey very sandy clay.		1.05	3.23	DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00	3,3,4,4,3,4	
MADE GROUND: Medium dense light brown and brown slightly silty gravelly fine to coarse sand with traces of brick and shell. Gravel fine to coarse and angular to sub rounded.		1.40	2.88			
POSSIBLE MADE GROUND: Loose brown silty fine to coarse sand intermixed with fragments of shell.		2.80	1.48	DJ 2.00 SPT 2.00-2.45 U78 [B] 2.00-3.00	1,1,1,2,2,2	
POSSIBLE MADE GROUND: Loose becoming medium dense dark grey slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Oily sheen and strong odour of hydrocarbons.		4.90	-0.62	DJ 3.00 SPT 3.00-3.45 U66 [B] 3.00-4.00	1,2,2,2,2,2	
				DJ 4.00 SPT 4.00-4.45	1,1,2,2,3,2	
				SPT 4.50-4.95	2,3,3,3,4,7	
Dense dark grey silty fine to coarse SAND with traces of shell.		6.00	-1.72	SPT 5.00-5.45 SPT 5.50-5.95	9,10,10,11,10,10 11,11,12,11,13,12	

Water Strikes	Details	SYMBOLS KEY
Strike: 2.80 Flow: MODERATE	Casing: 2.00 Final Depth: 6.00	B - BULK U - UNDISTURBED D - SMALL DISTURBED J - JAR V - VIAL W - WATER NR - NO RECOVERY * - ESTIMATED DENSITY HV - HAND VANE
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 4.00m. Notes:		ALL DIMENSIONS ARE IN METRES
Logged by: LS	Checked by: SKF	



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BOREHOLE NO. EC-BH18

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Boring Diameter: **115MM**

Co-ordinates **E 222963.16**

Date: **02/12/2022**

Equipment: **PREMIER BADGER**

N 642554.37

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.19			
MADE GROUND: Loose at top becoming very loose brown, grey, light grey and red very clayey sand and gravel intermixed with fragments of brick, blaes, concrete, steel, ash and cinders. Gravel fine to coarse and angular to sub rounded. Occasional cobbles.				DJ 0.20 DJ 0.50 DJ 1.00 SPT 1.00-1.45 U86 [B] 1.00-2.00 D 2.00 SPT 2.00-2.45 U78 [B] 2.00-3.00	3,4,3,3,2,2 1,0,1,1,0,1	
POSSIBLE MADE GROUND: Very soft reddish brown and brown very sandy very gravelly clay. Gravel fine to coarse and angular to sub rounded.		3.05	2.14	D 3.00 SPT 3.00-3.45 U66 [B] 3.00-3.70	0,0,0,0,1,1	
Recovered as red sandy fine to coarse angular gravel of SANDSTONE. Presumed bedrock.		3.70	1.49	D 3.70 SPT 3.70-3.80	60,50/25mm	

Water Strikes Strike: 3.10 Flow: RAPID		Details Casing: 2.00 Final Depth: 3.80		SYMBOLS KEY	
Inspection Pit: 0.30 X 0.30 X 1.00 Breaking Out / Coring: Installation: Standpipe 50mm diameter installed to 3.70m. Notes:				B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED HV - HAND VANE J - JAR V - VIAL W - WATER	
Logged by: LS		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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TRIAL PIT NO. EC - TP01

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.80 X 1.00**

Co-ordinates **E 222923.35**

Date: **01/12/2022**

Equipment: **JCB 3CX**

N 642623.60

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.53			
MADE GROUND: Topsoil / rough grass.		0.14	4.39			
MADE GROUND: Loose* brown and dark grey slightly silty fine to coarse sand with traces of gravel and shell. Hydrocarbon odour. At 1.55m concrete obstruction.				DJV 0.20		
				BDJV 0.50		
				BDJV 1.00		
		1.55	2.98	BDJV 1.50		

Water Strikes Strike: 1.50 Flow: SEEPAGE		Details Casing: Final Depth: 1.55		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Stability: Pit sides continually collapsing from GL. Shoring: None Backfilling: Backfilled on completion Notes:				
Logged by: AB		Checked by: SKF		



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TRIAL PIT NO. EC - TP03

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.00 X 2.00**

Co-ordinates **E 222907.54**

Date: **01/12/2022**

Equipment: **JCB 3CX**

N 642613.56

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.63			
MADE GROUND: Concrete [GL-0.14].		0.14	4.49			
MADE GROUND: Medium dense* brown and grey clayey sand and gravel with many fragments of brick, concrete and metal. Gravel fine to coarse and angular to sub rounded. Hydrocarbon odour. At 1.75m hard concrete obstruction.				DJV 0.20		
				BDJV 0.50		
				BDJV 1.00		
				BDJV 1.50		
		1.75	2.88			

Water Strikes Strike: Dry Flow:	Details Casing: Final Depth: 1.75	SYMBOLS KEY
Stability: Stable Shoring: None Backfilling: Backfilled on completion Notes: Pit widened due to concrete obstruction at 0.90m - pipe exposed at 1.30m.		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: AB	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. EC - TP04

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 2.80 X 0.90

Co-ordinates E 222891.11

Date: 01/12/2022

Equipment: JCB 3CX

N 642617.85

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.53			
MADE GROUND: Topsoil / rough grass.		0.14	4.39			
MADE GROUND: Loose* brown and dark grey slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Hydrocarbon odour.				DJV 0.20		
				BDJV 0.50		
				BDJV 1.00		
				BDJV 1.50		
				BDJV 2.00		
		2.40	2.13	W 2.20		

Water Strikes Strike: 2.15 Flow: RAPID	Details Casing: Final Depth: 2.40	SYMBOLS KEY
Stability: Locally unstable. Pit sides collapsing below 2.00m. Shoring: None Backfilling: Backfilled on completion Notes: TP terminated due to rapid ingress of water.		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: AB	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. EC - TP05

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 2.80 X 0.70

Co-ordinates E 222889.32

Date: 01/12/2022

Equipment: JCB 3CX

N 642650.18

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.28			
MADE GROUND: Topsoil / rough grass.		0.14	4.14			
MADE GROUND: Medium dense* dark brown and dark grey clayey sand and gravel with many fragments of brick, timber and metal. Gravel fine to coarse and angular to sub rounded. Hydrocarbon odour.				DJV 0.20		
				BDJV 0.50		
				BDJV 1.00		
				BDJV 1.50		
		1.95	2.33	W 1.85		

Water Strikes Strike: 1.80 Flow: RAPID	Details Casing: Final Depth: 1.95	SYMBOLS KEY
Stability: Pit sides continually collapsing below 1.30m. Shoring: None Backfilling: Backfilled on completion Notes: TP terminated due to rapid ingress of water.		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: AB	Checked by: SKF	
ALL DIMENSIONS ARE IN METRES		



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TRIAL PIT NO. EC - TP06

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.00 X 0.90**

Co-ordinates **E 222926.04**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642725.98

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.95			
MADE GROUND: Dense* brown and grey sandy fine to coarse angular gravel. Many concrete cobbles and boulders.		0.60	3.35	DJV 0.20 BDJV 0.50		
MADE GROUND: Medium dense* light brown silty gravelly fine to coarse sand. Many brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded.		1.20	2.75	BDJV 1.00		
MADE GROUND: Medium dense* dark grey and black slightly clayey silty gravelly fine to coarse sand intermixed with concrete boulders, metal wire, fragments of timber, glass, slag and bitumen. Gravel fine to coarse and angular to sub rounded. Very strong hydrocarbon odor.		2.50	1.45	BDJV 1.50 BDJV 2.00 W 2.00		

Water Strikes Strike: 1.60 Flow: RAPID		Details Casing: Final Depth: 2.50		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Stability: Unstable from 1.40m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated due to rapid ingress of water.				
Logged by: EM		Checked by: SKF		



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TRIAL PIT NO. EC - TP07

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.50 X 0.95**

Co-ordinates **E 222946.94**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642714.80

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.03			
MADE GROUND: Topsoil / rough grass.		0.33	3.70	DJV 0.20		
MADE GROUND: Medium dense* light brown slightly reddish brown slightly clayey sand and gravel. Occasional brick cobbles. Gravel fine to coarse and angular		1.10	2.93	BDJV 0.50 BDJV 1.00		
MADE GROUND: Loose* brown silty gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Many cobbles and boulders. Strong hydrocarbon odour.		3.10	0.93	BDJV 1.50 BDJV 2.00 W 2.10 BDJV 3.00		

Water Strikes	Details	SYMBOLS KEY
Strike: 1.70 Flow: RAPID	Casing: Final Depth: 3.10	B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Stability: Unstable from 1.50m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated due to rapid ingress of water.		ALL DIMENSIONS ARE IN METRES
Logged by: EM	Checked by: SKF	



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TRIAL PIT NO. EC - TP08

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.10 X 2.40**

Co-ordinates **E 222845.32**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642754.66

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.97			
MADE GROUND: Topsoil / rough grass. [GL-0.05] MADE GROUND: Loose* light brown slightly silty slightly gravelly fine to coarse sand intermixed with brick cobbles and fragments of metal. Gravel fine to coarse and angular to sub rounded.	[Cross-hatched pattern]			DJV 0.20 BDJV 0.50 BDJV 1.00 BDJV 1.50 BDJV 2.00 BDJV 3.00		
		3.20	0.77			

Water Strikes Strike: DRY Flow:	Details Casing: Final Depth: 3.20	SYMBOLS KEY
Stability: Unstable from 0.80m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.	Logged by: EM	B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Checked by: SKF		



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TRIAL PIT NO. EC - TP09

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.10 X 2.15**

Co-ordinates **E 222878.79**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642734.98

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.88			
MADE GROUND: Topsoil / rough grass. MADE GROUND: Loose* light brown slightly silty slightly gravelly fine to coarse sand intermixed with brick and concrete cobbles, fragments of timber, plastic and metal. Gravel fine to coarse and angular to sub rounded.				DJV 0.20 BDJV 0.50 BDJV 1.00 BDJV 1.50		
MADE GROUND: Loose* brown and grey silty slightly gravelly fine to coarse sand intermixed with brick cobbles and fragments of metal pipe. Gravel fine to coarse and angular to sub rounded.		1.70	2.18	BDJV 2.00		
		3.20	0.68	BDJV 3.00		

Water Strikes Strike: 2.90 Flow: RAPID		Details Casing: Final Depth: 3.20		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable from 0.40m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated due to rapid ingress of water.				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. EC - TP10

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 2.70 X 0.95

Co-ordinates E 222897.05

Date: 30/11/2022

Equipment: JCB JS220LC

N 642714.58

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.04			
MADE GROUND: Topsoil / rough grass. [GL-0.03] MADE GROUND: Medium dense* brown and greyish brown slightly clayey gravelly fine to coarse sand intermixed with topsoil. Gravel fine to coarse and angular to sub rounded.	[Cross-hatch pattern]			DJV 0.20 BDJV 0.50 BDJV 1.00		
MADE GROUND: Soft with occasional firm bands reddish brown silty sandy slightly gravelly clay. Gravel fine to coarse and angular to sub rounded. Slight hydrocarbon odour.	[Cross-hatch pattern]	1.40	2.64	BDJV 1.50 BDJV 2.00 BDJV 3.00		
		3.30	0.74			

Water Strikes Strike: Dry Flow:	Details Casing: Final Depth: 3.30	SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Stability: Stable Shoring: None Backfilling: Backfilled on completion Notes:		ALL DIMENSIONS ARE IN METRES
Logged by: EM	Checked by: SKF	



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TRIAL PIT NO. EC - TP11

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.90 X 0.70**

Co-ordinates **E 222645.06**

Date: **01/12/2022**

Equipment: **JCB 3CX**

N 642549.95

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.29			
MADE GROUND: Topsoil / rough grass.		0.10	4.19			
MADE GROUND: Loose* brown and dark grey slightly silty fine to coarse sand with traces of gravel and shell. Many small roots.				DJV 0.20		
		0.55	3.74	BDJV 0.50		
MADE GROUND: Loose* light brown and grey slightly silty fine to coarse sand with traces of gravel and shell.				BDJV 1.00		
				BDJV 1.50		
				BDJV 2.00		
				BDJV 3.00		
		3.10	1.19			

Water Strikes Strike: Dry Flow:		Details Casing: Final Depth: 3.10		SYMBOLS KEY	
Stability: Pit sides continually collapsing below 0.20m. Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.				B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Logged by: AB		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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TRIAL PIT NO. EC - TP12

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 2.80 X 0.70

Co-ordinates E 222659.47

Date: 01/12/2022

Equipment: JCB 3CX

N 642505.10

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.14			
MADE GROUND: Topsoil / rough grass [GL-0.08].	[Cross-hatched pattern]					
MADE GROUND: Loose* brown and dark grey slightly silty fine to coarse sand with traces of gravel and shell. Many small roots.				DJV 0.20		
				BDJV 0.50		
		0.75	3.39			
MADE GROUND: Loose* dark grey slightly silty slightly gravelly fine to coarse sand with fragments of concrete and plastic. Gravel fine to coarse and angular to sub rounded. Hydrocarbon odour.				BDJV 1.00		
				BDJV 1.50		
		1.65	2.49			
MADE GROUND: Loose* light brown and grey slightly silty fine to coarse sand with traces of gravel and shell.				BDJV 2.00		
				BDJV 3.00		
		3.55	0.59			

Water Strikes	Details	SYMBOLS KEY
Strike: Dry Flow:	Casing: Final Depth: 3.55	B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Stability: Pit sides continually collapsing below 0.25m. Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.		
Logged by: AB	Checked by: SKF	



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TRIAL PIT NO. EC - TP13

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.80 X 0.70**

Co-ordinates **E 222693.79**

Date: **01/12/2022**

Equipment: **JCB 3CX**

N 642618.56

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.34			
MADE GROUND: Topsoil / rough grass [GL-0.08].						
MADE GROUND: Loose* brown and dark grey slightly silty fine to coarse sand with traces of gravel and shell. Many small roots.				DJV 0.20		
		0.65	3.69	BDJV 0.50		
MADE GROUND: Loose* dark grey slightly silty slightly gravelly fine to coarse sand with fragments of plastic, brick and slag. Gravel fine to coarse and angular to sub rounded.				BDJV 1.00		
		1.60	2.74	BDJV 1.50		
MADE GROUND: Loose* light brown and grey slightly silty fine to coarse sand with traces of gravel and shell.				BDJV 2.00		
		2.70	1.64			
MADE GROUND: Loose* dark grey slightly silty fine to coarse sand with traces of gravel and shell. Hydrocarbon odour.				BDJV 3.00		
		3.25	1.09			

Water Strikes Strike: Dry Flow:		Details Casing: Final Depth: 3.25		SYMBOLS KEY	
Stability: Pit sides continually collapsing below 0.85m. Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.				B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Logged by: AB		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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TRIAL PIT NO. EC - TP14

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.00 X 0.90**

Co-ordinates **E 222716.93**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642637.33

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.31			
MADE GROUND: Topsoil / rough grass.				DJV 0.20		
MADE GROUND: Loose* light brown slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Occasional fragments of shell.		0.45	3.86	BDJV 0.50		
				BDJV 1.00		
				BDJV 1.50		
				BDJV 2.00		
		3.50	0.81	BDJV 3.00		

Water Strikes Strike: Dry Flow:		Details Casing: Final Depth: 3.50		SYMBOLS KEY	
Stability: Unstable from 1.70m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.				B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Logged by: EM		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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TRIAL PIT NO. EC - TP15

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.90 X 0.90**

Co-ordinates **E 222741.53**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642634.44

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.24			
MADE GROUND: Rough grass / moss.						
MADE GROUND: Medium dense* reddish brown clayey sand and gravel intermixed with brick and sandstone cobbles. Gravel fine to coarse and angular to sub rounded.				DJV 0.20		
		0.80	4.44	BDJV 0.50		
MADE GROUND: Medium dense* light brown, brown and grey clayey gravelly fine to coarse sand intermixed with small roots, fragments of brick and blaes. Gravel fine to coarse and angular to sub rounded. Layer of plastic at base.				BDJV 1.00		
		1.30	3.94			
MADE GROUND: Loose* light brown slightly silty fine to coarse sand. Occasional fragments of shell. Traces of gravel.						
				BDJV 1.50		
				BDJV 2.00		
				BDJV 3.00		
		3.50	1.74			

Water Strikes Strike: Dry Flow:	Details Casing: Final Depth: 3.50	SYMBOLS KEY
Stability: Unstable from 1.50m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: EM	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. EC - TP16

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.00 X 0.90**

Co-ordinates **E 222742.70**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642674.27

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.24			
MADE GROUND: Rough grass / moss. [GL-0.04] MADE GROUND: Medium dense* brown and greyish brown clayey sand and gravel intermixed with brick and concrete cobbles, fragments of blaes, metal and timber. Gravel fine to coarse and angular to sub rounded.				DJV 0.20 BDJV 0.50 BDJV 1.00		
MADE GROUND: Loose* light brown slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Occasional fragments of shell.		1.30	3.94	BDJV 1.50 BDJV 2.00 BDJV 3.00 BDJV 3.80		
		3.80	1.44			

Water Strikes	Details	SYMBOLS KEY
Strike: Dry Flow:	Casing: Final Depth: 3.80	B - BULK U - UNDISTURBED D - SMALL DISTURBED J - JAR V - VIAL W - WATER NR - NO RECOVERY * - ESTIMATED DENSITY
Stability: Unstable from 3.00m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.		
Logged by: EM	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. EC - TP17

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.70 X 0.90**

Co-ordinates **E 222762.85**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642691.62

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.34			
MADE GROUND: Rough grass / moss. [GL-0.02] MADE GROUND: Medium dense* brown and greyish brown clayey sand and gravel intermixed with brick and concrete cobbles, fragments of blaes, metal and timber. Gravel fine to coarse and angular to sub rounded. Slight hydrocarbon odour.				DJV 0.20 BDJV 0.50 BDJV 1.00 BDJV 1.50		
MADE GROUND: Loose* light brown slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Occasional fragments of shell.		1.80	3.54	BDJV 2.00		
				BDJV 3.00		
		4.00	1.34	BDJV 4.00		

Water Strikes Strike: Dry Flow:		Details Casing: Final Depth: 3.70		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable from 2.80m Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. EC - TP18

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.50 X 0.90**

Co-ordinates **E 222784.41**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642674.49

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.49			
MADE GROUND: Rough grass / moss. [GL-0.02] MADE GROUND: Medium dense* brown and greyish brown clayey sand and gravel intermixed with brick and concrete cobbles, fragments of blaes, metal and timber. Gravel fine to coarse and angular to sub rounded. Slight hydrocarbon odour.				DJV 0.20		
				BDJV 0.50		
				BDJV 1.00		
		1.60	3.89	BDJV 1.50		
POSSIBLE MADE GROUND: Loose* light brown slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Occasional fragments of shell.				BDJV 2.00		
				BDJV 3.00		
		3.50	1.99			

Water Strikes Strike: Dry Flow:		Details Casing: Final Depth: 3.50		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Stable Shoring: None Backfilling: Backfilled on completion Notes:		Logged by: EM Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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TRIAL PIT NO. EC - TP19

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.70 X 0.90**

Co-ordinates **E 222762.61**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642621.74

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.19			
MADE GROUND: Rough grass / moss.						
MADE GROUND: Medium dense* reddish brown clayey sand and gravel intermixed with brick and sandstone cobbles. Gravel fine to coarse and angular to sub rounded.					DJV 0.20	
					BDJV 0.50	
		0.80	4.39			
MADE GROUND: Medium dense* light brown, brown and grey clayey gravelly fine to coarse sand intermixed with small roots, fragments of brick and blaes. Gravel fine to coarse and angular to sub rounded. Layer of plastic at base.					BDJV 1.00	
		1.30	3.89			
MADE GROUND: Loose* light brown slightly silty fine to coarse sand. Occasional fragments of shell. Traces of gravel.				BDJV 1.50		
				BDJV 2.00		
				BDJV 3.00		
		3.20	1.99			
MADE GROUND: Medium dense* brown slightly clayey silty gravelly fine to coarse sand. Occasional small roots and fragments of shell. Gravel fine to coarse and angular to sub rounded.				BDJV 4.00		
		4.00	1.19			

Water Strikes	Details	SYMBOLS KEY
Strike: Dry Flow:	Casing: Final Depth: 3.50	B - BULK U - UNDISTURBED D - SMALL DISTURBED J - JAR V - VIAL W - WATER NR - NO RECOVERY * - ESTIMATED DENSITY
Stability: Unstable from 1.30m Shoring: None Backfilling: Backfilled on completion Notes:		
Logged by: EM	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. EC - TP20

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.50 X 0.90**

Co-ordinates **E 222815.77**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642664.13

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.58			
MADE GROUND: Rough grass / moss. [GL-0.02] MADE GROUND: Medium dense* brown and greyish brown clayey sand and gravel intermixed with brick and concrete cobbles, fragments of blaes, metal and timber. Gravel fine to coarse and angular to sub rounded. Slight hydrocarbon odour.				DJV 0.20 BDJV 0.50 BDJV 1.00		
POSSIBLE MADE GROUND: Loose* light brown slightly silty slightly gravelly fine to coarse sand. Gravel fine to coarse and angular to sub rounded. Occasional fragments of shell.		1.40	4.18	BDJV 1.50 BDJV 2.00 BDJV 3.00		
		3.70	1.88			

Water Strikes		Details		SYMBOLS KEY	
Strike: Dry	Flow:	Casing:	Final Depth: 3.70	B - BULK	NR - NO RECOVERY
Stability: Stable				U - UNDISTURBED	* - ESTIMATED DENSITY
Shoring: None				D - SMALL DISTURBED	
Backfilling: Backfilled on completion				J - JAR	
Notes:				V - VIAL	
				W - WATER	
Logged by: EM		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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TRIAL PIT NO. EC - TP21

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.80 X 0.90**

Co-ordinates **E 222778.24**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642609.72

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.36			
MADE GROUND: Rough grass / moss.				DJV 0.20		
MADE GROUND: Medium dense* brown and grey clayey sand and gravel intermixed with brick and sandstone cobbles. Many fragments of timber and metal. Gravel fine to coarse and angular to sub rounded. Slight hydrocarbon odour. Layer of plastic at base.				BDJV 0.50		
				BDJV 1.00		
		1.20	4.16			
MADE GROUND: Loose* light brown slightly silty fine to coarse sand. Occasional fragments of shell. Traces of gravel.				BDJV 1.50		
				BDJV 2.00		
				BDJV 3.00		
		3.30	2.06			

Water Strikes Strike: Dry Flow:		Details Casing: Final Depth: 3.30		SYMBOLS KEY	
Stability: Unstable from 1.20m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.		B - BULK U - UNDISTURBED D - SMALL DISTURBED J - JAR V - VIAL W - WATER		NR - NO RECOVERY * - ESTIMATED DENSITY	
Logged by: EM		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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TRIAL PIT NO. EC - TP22

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.00 X 0.70**

Co-ordinates **E 222722.36**

Date: **01/12/2022**

Equipment: **JCB 3CX**

N 642615.89

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.16			
MADE GROUND: Topsoil / rough grass.				DJV 0.20		
MADE GROUND: Loose* light brown and light grey slightly silty slightly gravelly fine to coarse sand with fragments of shell. Gravelly fine to coarse and angular to sub rounded. At 0.45m plastic membrane.		0.45	3.71	BDJV 0.50		
				BDJV 1.00		
		1.60	2.56	BDJV 1.50		
MADE GROUND: Loose* light brown and grey slightly silty fine to coarse sand with traces of gravel and shell.				BDJV 2.00		
		2.75	1.41			
MADE GROUND: Loose* dark grey slightly silty fine to coarse sand with traces of gravel and shell. Hydrocarbon odour.				BDJV 3.00		
		3.05	1.11			

Water Strikes Strike: Dry Flow:		Details Casing: Final Depth: 3.05		SYMBOLS KEY	
Stability: Pit sides continually collapsing below 0.45m. Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.				B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Logged by: AB		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	



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TRIAL PIT NO. EC - TP23

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.80 X 0.90**

Co-ordinates **E 222758.92**

Date: **30/11/2022**

Equipment: **JCB JS220LC**

N 642578.41

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.04			
MADE GROUND: Rough grass / moss.						
MADE GROUND: Loose* light brown sand and gravel predominantly of brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded. Layer of plastic at base.		0.35	3.69	DJV 0.20		
MADE GROUND: Loose* light brown slightly silty fine to coarse sand. Occasional fragments of shell. Traces of gravel.				BDJV 0.50		
MADE GROUND: Loose* light brown and grey slightly silty fine to coarse sand. Occasional fragments of shell. Traces of gravel.		0.90	3.14	BDJV 1.00		
				BDJV 1.50		
				BDJV 2.00		
				BDJV 3.00		
		3.50	0.54			

Water Strikes Strike: Dry Flow:	Details Casing: Final Depth: 3.50	SYMBOLS KEY
Stability: Unstable from 0.35m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: EM	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. EC - TP24

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 2.40 X 0.90

Co-ordinates E 222984.42

Date: 06/12/2022

Equipment: JCB 3CX

N 642535.04

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.93			
MADE GROUND: Medium dense* light brown and light grey slightly clayey sand and gravel intermixed with fragments and cobbles of brick and concrete. Gravel fine to coarse and angular to sub rounded.	[Cross-hatch pattern]	0.40	4.53	DJV 0.20		
Soft to firm reddish brown slightly silty sandy slightly gravelly CLAY. Gravel fine to coarse and angular to sub rounded. Occasional sandstone cobbles and boulders.	[Vertical line pattern]			BDJV 0.50		
				BDJV 1.00		
				BDJV 1.50		
				BDJV 2.00		
		3.55	1.38	BDJV 3.00		
Recovered as light brown and light grey sandy fine to coarse angular gravel of SANDSTONE. Presumed bedrock.	[Horizontal line pattern]					

Water Strikes Strike: DRY Flow:	Details Casing: Final Depth: 3.60	SYMBOLS KEY
Stability: Stable Shoring: None Backfilling: Backfilled on completion Notes:		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: EM	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. EC - TP25

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.60 X 1.40**

Co-ordinates **E 222972.20**

Date: **06/12/2022**

Equipment: **JCB 3CX**

N 642547.69

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.12			
MADE GROUND: Medium dense* light brown and light grey slightly clayey sand and gravel intermixed with fragments and cobbles of brick and concrete. Many sandstone and concrete boulders. Gravel fine to coarse and angular to sub rounded.				DJV 0.20 BDJV 0.50 BDJV 1.00 BDJV 1.50 BDJV 2.00		
POSSIBLE MADE GROUND: Soft with occasional firm bands reddish brown slightly silty sandy slightly gravelly clay. Gravel fine to coarse and angular to sub rounded. Occasional cobbles.		2.40	2.72			
		3.10	2.02			

Water Strikes Strike: DRY Flow:	Details Casing: Final Depth: 3.10	SYMBOLS KEY
Stability: Unstable from GL Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: EM	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. EC - TP26

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.10 X 1.00**

Co-ordinates **E 222968.32**

Date: **06/12/2022**

Equipment: **JCB 3CX**

N 642622.21

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.90			
MADE GROUND: Topsoil / rough grass.		0.22	4.68	DJV 0.20		
MADE GROUND: Medium dense* brown slightly clayey gravelly fine to coarse sand intermixed with topsoil, fragments of brick, blaes, concrete and slag. Occasional pockets of soft sandy clay. Gravel fine to coarse and angular to sub rounded. Strong hydrocarbon odour at base.				BDJV 0.50		
				BDJV 1.00		
				BDJV 1.50		
		1.70	3.20			
MADE GROUND: Soft to firm reddish brown sandy gravelly clay. Many brick and sandstone cobbles and boulders. Gravel fine to coarse and angular to sub rounded. Slight hydrocarbon odour.				BDJV 2.00		
		2.70	2.20			
MADE GROUND: Medium dense* light grey and grey silty sand and gravel intermixed with fragments of brick and concrete. Gravel fine to coarse and angular to sub rounded. Very strong hydrocarbon odour.				BDJV 3.00		
		3.00	1.90			

Water Strikes	Details	SYMBOLS KEY
Strike: 2.90 Flow: SEEPAGE	Casing: Final Depth: 3.00	B - BULK U - UNDISTURBED D - SMALL DISTURBED J - JAR V - VIAL W - WATER NR - NO RECOVERY * - ESTIMATED DENSITY
Stability: Unstable from 0.70m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.		ALL DIMENSIONS ARE IN METRES
Logged by: EM	Checked by: SKF	



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TRIAL PIT NO. EC - TP27

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.40 X 0.90**

Co-ordinates **E 222959.28**

Date: **06/12/2022**

Equipment: **JCB 3CX**

N 642606.90

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.80			
MADE GROUND: Topsoil / rough grass.		0.22	4.58	DJV 0.20		
MADE GROUND: Medium dense* brown slightly clayey gravelly fine to coarse sand intermixed with topsoil, fragments of timber, brick, blaes, concrete and slag. Occasional pockets of soft sandy clay. Gravel fine to coarse and angular to sub rounded. Strong hydrocarbon odour at base.		1.20	3.60	BDJV 0.50 BDJV 1.00		
MADE GROUND: Soft to firm reddish brown sandy gravelly clay. Many brick and sandstone cobbles and boulders. Gravel fine to coarse and angular to sub rounded. Slight hydrocarbon odour.		2.80	2.00	BDJV 1.50 BDJV 2.00		
MADE GROUND: Medium dense* light grey and grey silty sand and gravel intermixed with fragments of brick and concrete. Gravel fine to coarse and angular to sub rounded. Slight hydrocarbon odour.		3.20	1.60	BDJV 3.00		

Water Strikes Strike: 3.10 Flow: SEEPAGE		Details Casing: Final Depth: 3.20		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable from 2.70m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. EC - TP29

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.20 X 1.00**

Co-ordinates **E 222940.20**

Date: **06/12/2022**

Equipment: **JCB 3CX**

N 642640.74

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.24			
MADE GROUND: Rough grass / moss. [GL-0.10]		0.10	4.14			
MADE GROUND: Medium dense* brown, grey and reddish brown slightly clayey gravelly fine to coarse sand intermixed with fragments of brick, blaes, concrete, coal and slag. Gravel fine to coarse and angular to sub rounded.		1.10	3.14	DJV 0.20 BDJV 0.50 BDJV 1.00		
MADE GROUND: Medium dense* grey and light grey slightly clayey sand and gravel intermixed with fragments and cobbles of brick, concrete and metal. Gravel fine to coarse and angular to sub rounded. Very strong hydrocarbon odour.		2.50	1.74	BDJV 1.50 BDJV 2.00 x2 JV 2.30 BDJV 2.50		

Water Strikes	Details	SYMBOLS KEY
Strike: 2.30 Flow: RAPID	Casing: Final Depth: 2.50	B - BULK U - UNDISTURBED D - SMALL DISTURBED J - JAR V - VIAL W - WATER NR - NO RECOVERY * - ESTIMATED DENSITY
Stability: Unstable from 2.00m Shoring: None Backfilling: Backfilled on completion Notes: TP terminated due to rapid ingress of water.		ALL DIMENSIONS ARE IN METRES
Logged by: EM	Checked by: SKF	



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TRIAL PIT NO. EC - TP30

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 2.80 X 0.70

Co-ordinates E 222728.75

Date: 01/12/2022

Equipment: JCB 3CX

N 642503.04

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.18			
MADE GROUND: Topsoil / rough grass [GL-0.08].						
MADE GROUND: Loose* light brown slightly gravelly fine to coarse sand with fragments of metal and many small roots. Gravel fine to coarse and angular to sub rounded.		0.55	3.63	BDJV 0.50		
MADE GROUND: Loose* light brown and grey slightly silty fine to coarse sand with traces of gravel and shell.				BDJV 1.00		
				BDJV 1.50		
				BDJV 2.00		
		2.60	1.58			

Water Strikes Strike: Dry Flow:	Details Casing: Final Depth: 2.60	SYMBOLS KEY
Stability: Pit sides continually collapsing below 0.65m. Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: AB	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. EC - TP31

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 2.90 X 0.70

Co-ordinates E 222703.70

Date: 01/12/2022

Equipment: JCB 3CX

N 642.499.31

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.14			
MADE GROUND: Topsoil / rough grass.		0.22	3.92	DJV 0.20		
MADE GROUND: Loose* light brown and grey slightly silty fine to coarse sand with traces of gravel and shell. Many small roots at top.				BDJV 0.50		
				BDJV 1.00		
				BDJV 1.50		
				BDJV 2.00		
		2.90	1.24			

Water Strikes Strike: 2.80 Flow: MODERATE	Details Casing: Final Depth: 2.90	SYMBOLS KEY
Stability: Pit sides continually collapsing below 0.25m. Shoring: None Backfilling: Backfilled on completion Notes: TP terminated due to rapid ingress of water.		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Logged by: AB	Checked by: SKF	



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TRIAL PIT NO. EC - TP32

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.60 X 0.70**

Co-ordinates **E 222675.08**

Date: **01/12/2022**

Equipment: **JCB 3CX**

N 642498.81

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.35			
MADE GROUND: Topsoil / rough grass [GL-0.06]. MADE GROUND: Loose* brown and dark grey slightly silty fine to coarse sand with traces of gravel and shell. Many small roots at top.				DJV 0.20 BDJV 0.50		
MADE GROUND: Loose* light brown and grey slightly silty fine to coarse sand with traces of gravel and shell.		0.70	3.65	BDJV 1.00 BDJV 1.50 BDJV 2.00 BDJV 3.00		
		3.20	1.15			

Water Strikes Strike: Dry Flow:		Details Casing: Final Depth: 3.20		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Stability: Pit sides continually collapsing below 0.80m. Shoring: None Backfilling: Backfilled on completion Notes: TP terminated - pit sides collapsed.				
Logged by: AB		Checked by: SKF		



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TRIAL PIT NO. OB - TP01

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.30 X 0.90**

Co-ordinates **E 222816.96**

Date: **05/12/2022**

Equipment: **JCB 3CX**

N 642415.74

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.05			
MADE GROUND: Topsoil / rough grass.		0.10	3.95			
MADE GROUND: Medium dense* brown and grey sand and gravel predominantly of brick and concrete. Many fragments of blaes, metal, slag, ash and cinders. Gravel fine to coarse and angular to sub rounded. Strong hydrocarbon odour.		0.80	3.25			
MADE GROUND: Medium dense* brown and reddish brown slightly clayey sand and gravel. Many brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded. Strong hydrocarbon odour.		2.10	1.95			
MADE GROUND: Medium dense* dark grey and black silty sand and gravel intermixed with brick, concrete and sandstone cobbles. Many fragments of mudstone. Gravel fine to coarse and angular to sub rounded. Very strong hydrocarbon odour.		2.50	1.55			

Water Strikes Strike: 2.00 Flow: RAPID		Details Casing: Final Depth: 2.50		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable below 2.00m. Pit sides collaping. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP02

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.40 X 0.90**

Co-ordinates **E 222831.47**

Date: **05/12/2022**

Equipment: **JCB 3CX**

N 642457.13

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.58			
MADE GROUND: Rough grass / moss. [GL-0.03] MADE GROUND: Medium dense* brown and grey fine to coarse angular gravel predominantly of brick and concrete. Many fragments of blaes, metal, slag, ash and cinders. Strong hydrocarbon odour.		0.40	4.18			
MADE GROUND: Medium dense* dark grey slightly clayey gravelly fine to coarse sand intermixed with fragments of brick, blaes, glass, ash and cinders. Gravel fine to coarse and angular to sub rounded.		1.00	3.58			
MADE GROUND: Firm brown, reddish brown and grey sandy gravelly clay intermixed with fragments of brick, concrete, ash and cinders. Occasional concrete cobbles and fragments of slag. Gravel fine to coarse and angular to sub rounded.		2.60	1.98			
MADE GROUND: Loose* dark grey and bkack silty gravelly fine to coarse sand. Many brick and concrete cobbles. Very strong hydrocarbon odour.		3.00	1.58			

Water Strikes Strike: 2.60 Flow: RAPID		Details Casing: Final Depth: 3.00		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable below 2.60m. Pit sides collaping. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP03

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **7.00 X 3.00**

Co-ordinates **E 222878.20**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642539.56

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.99			
MADE GROUND: Topsoil / rough grass.		0.20	3.79			
MADE GROUND: Medium dense* dark greyish brown with occasional reddish brown bands clayey gravelly fine to coarse sand intermixed with fragments of glass, slag, ash and cinders, brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded. At 0.35m concrete beams exposed measuring >4.00 x 0.80 x 0.20m.		1.90	2.09			
MADE GROUND: Loose* dark grey and black silty sandy fine to coarse angular gravel intermixed with fragments of glass, plastic, timber and slag. Strong hydrocarbon odour.		2.30	1.69			

Water Strikes Strike: 1.80 Flow: RAPID		Details Casing: Final Depth: 2.30		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable below 0.40m. Pit sides collapsing. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP04

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.50 X 0.90**

Co-ordinates **E 222901.98**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642582.17

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.07			
MADE GROUND: Topsoil / rough grass.		0.20	3.87			
MADE GROUND: Medium dense* dark greyish brown clayey gravelly fine to coarse sand intermixed with brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded.		0.70	3.37			
MADE GROUND: Soft brown and reddish brown slightly silty sandy slightly gravelly clay. Gravel fine to coarse and angular to sub rounded.		1.40	2.67			
MADE GROUND: Loose* dark grey and black sand and gravel intermixed with fragments of glass, plastic, timber, brick and slag. Gravel fine to coarse and angular to sub rounded. Many cobbles.		2.30	1.77			

Water Strikes Strike: 1.80 Flow: RAPID		Details Casing: Final Depth: 2.30		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable below 1.00m. Pit sides collapsing. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP05

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.50 X 0.90**

Co-ordinates **E 222833.82**

Date: **05/12/2022**

Equipment: **JCB 3CX**

N 642609.83

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.18			
MADE GROUND: Topsoil / rough grass.		0.15	4.03			
MADE GROUND: Medium dense* brown slightly clayey very gravelly fine to coarse sand intermixed with topsoil, brick, concrete and sandstone cobbles. Many fragments of rebar, plastic and timber. Gravel fine to coarse and angular to sub rounded.						
		3.00	1.18			
MADE GROUND: Soft brown and reddish brown silty sandy clay. Occasional pockets of loose silty gravelly sand. Gravel fine to coarse and angular to sub rounded. Strong hydrocarbon odour.		3.30	0.88			

Water Strikes Strike: 3.00 Flow: SEEPAGE		Details Casing: Final Depth: 3.30		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable below 3.00m. Pit sides collaping. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP06

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.40 X 0.90**

Co-ordinates **E 222804.61**

Date: **05/12/2022**

Equipment: **JCB 3CX**

N 642630.99

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.28			
MADE GROUND: Rough grass / moss. [GL-0.03] MADE GROUND: Medium dense* brown and reddish brown slightly clayey sand and gravel. Many concrete and sandstone cobbles and boulders. Occasional fragments of plastic. Gravel fine to coarse and angular to sub rounded.						
		1.70	3.58			
MADE GROUND: Loose* light brown slightly silty fine to coarse sand intermixed with fragments of shell. Occasional sandstone boulders.						
		3.80	1.48			

Water Strikes Strike: DRY Flow:		Details Casing: Final Depth: 3.80		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Stable Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP07

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.40 X 0.90**

Co-ordinates **E 222760.36**

Date: **05/12/2022**

Equipment: **JCB 3CX**

N 642662.51

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.07			
MADE GROUND: Rough grass / moss. [GL-0.07]						
MADE GROUND: Medium dense* brown and grey slightly clayey sand and gravel intermixed with brick and concrete cobbles, fragments of blaes and timber. Gravel fine to coarse and angular to sub rounded.		1.70	3.37			
MADE GROUND: Loose* light brown slightly silty fine to coarse sand intermixed with fragments of shell. Occasional sandstone boulders.		3.70	1.37			

Water Strikes Strike: DRY Flow:		Details Casing: Final Depth: 3.70		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Stable Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP08

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.50 X 0.90**

Co-ordinates **E 222942.75**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642569.83

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.36			
MADE GROUND: Topsoil / rough grass.		0.14	4.22			
MADE GROUND: Medium dense* brown and reddish brown slightly clayey sandy fine to coarse angular gravel intermixed with topsoil.		0.60	3.76			
MADE GROUND: Soft becoming firm brown, reddish brown and grey slightly silty sandy gravelly clay. Gravel fine to coarse and angular to sub rounded. Occasional brick and slag cobbles. Slight hydrocarbon odour.		3.70	0.66			
Recovered as reddish brown sandy fine to coarse angular gravel of SANDSTONE. Presumed bedrock.		3.80	0.56			

Water Strikes Strike: 3.50 Flow: SEEPAGE		Details Casing: Final Depth: 3.80		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable from 1.40m Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP09

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.80 X 0.90**

Co-ordinates **E 222951.39**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642669.85

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.05			
MADE GROUND: Topsoil / rough grass.		0.10	3.95			
MADE GROUND: Loose* brown and grey clayey sand and gravel intermixed with brick and concrete cobbles and boulders. Many fragments of timber and rebar. Occasional cobbles of slag. Gravel fine to coarse and angular to sub rounded. Slight hydrocarbon odour.						
		2.50	1.55			

Water Strikes Strike: 2.30 Flow: RAPID		Details Casing: Final Depth: 2.50		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable below 0.40m. Pit sides collapsing. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP10

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.80 X 0.90**

Co-ordinates **E 222979.26**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642716.65

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.89			
MADE GROUND: Topsoil / rough grass.		0.13	3.76			
MADE GROUND: Medium dense* brown, reddish brown and light grey clayey sand and gravel intermixed with concrete and sandstone cobbles and boulders. Many fragments of timber. Gravel fine to coarse and angular to sub rounded. Slight hydrocarbon odour.		2.50	1.39			

Water Strikes Strike: 1.80 Flow: RAPID		Details Casing: Final Depth: 2.50		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Stability: Unstable below 0.60m. Pit sides collapsing. Shoring: None Backfilling: Backfilled on completion Notes:				
Logged by: EM		Checked by: SKF		



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TRIAL PIT NO. OB - TP11

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.50 X 0.90**

Co-ordinates **E 222941.30**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642757.69

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.90			
MADE GROUND: Tarmac.		0.09	3.81			
MADE GROUND: Loose* brown and grey sandy fine to coarse angular gravel. Occasional brick cobbles.		0.55	3.35			
MADE GROUND: Loose* dark grey very clayey gravelly fine to coarse sand intermixed with fragments of brick, glass, concrete and mudstone. Gravel fine to coarse and angular to sub rounded. Very strong hydrocarbon odour.		2.40	1.50			

Water Strikes Strike: 1.80 Flow: RAPID		Details Casing: Final Depth: 2.40		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Stability: Unstable below 0.10m. Pit sides collapsing. Shoring: None Backfilling: Backfilled on completion Notes:				
Logged by: EM		Checked by: SKF		



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TRIAL PIT NO. OB - TP12

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.70 X 1.30**

Co-ordinates **E 222903.51**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642788.12

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.79			
MADE GROUND: Topsoil / rough grass.		0.15	3.64			
MADE GROUND: Loose* brown and grey sand and gravel predominantly of brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded.						
		2.10	1.69			
MADE GROUND: Loose* dark grey silty fine to coarse sand. Very strong hydrocarbon odour.						
		2.50	1.29			

Water Strikes Strike: 2.40 Flow: MODERATE		Details Casing: Final Depth: 2.50		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable below ground level. Pit sides collapsing. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP13

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 2.60 X 1.00

Co-ordinates E 222865.41

Date: 02/12/2022

Equipment: JCB JS220LC

N 642812.10

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.90			
MADE GROUND: Topsoil / rough grass.		0.15	3.75			
MADE GROUND: Loose* becoming medium dense brown and grey slightly clayey gravelly fine to coarse sand intermixed with fragments of brick, blaes, metal, timber and glass. Many brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded.						
		3.80	0.10			

Water Strikes Strike: 3.60 Flow: MODERATE	Details Casing: Final Depth: 3.80	SYMBOLS KEY
Stability: Unstable below 0.90m. Pit sides collaping.	Notes: Shoring: None Backfilling: Backfilled on completion	B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: EM		ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. OB - TP14

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.50 X 3.50**

Co-ordinates **E 222890.00**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642837.64

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.10			
MADE GROUND: Topsoil / rough grass. At 0.30m concrete slab exposed >4.00 x 4.00m. Occasional 25mm vertical rebar.	[Cross-hatch pattern]					
		4.00	0.10			

<p>Water Strikes Strike: DRY Flow:</p> <p>Stability: Stable Shoring: None Backfilling: Backfilled on completion Notes:</p> <p>Logged by: EM</p>	<p>Details Casing: Final Depth: 0.30</p> <p>Checked by: SKF</p>	<p>SYMBOLS KEY</p> <table style="width: 100%; font-size: small;"> <tr> <td>B - BULK</td> <td>NR - NO RECOVERY</td> </tr> <tr> <td>U - UNDISTURBED</td> <td>* - ESTIMATED DENSITY</td> </tr> <tr> <td>D - SMALL DISTURBED</td> <td></td> </tr> <tr> <td>J - JAR</td> <td></td> </tr> <tr> <td>V - VIAL</td> <td></td> </tr> <tr> <td>W - WATER</td> <td></td> </tr> </table> <p style="text-align: center; font-size: x-small;">ALL DIMENSIONS ARE IN METRES</p>	B - BULK	NR - NO RECOVERY	U - UNDISTURBED	* - ESTIMATED DENSITY	D - SMALL DISTURBED		J - JAR		V - VIAL		W - WATER	
B - BULK	NR - NO RECOVERY													
U - UNDISTURBED	* - ESTIMATED DENSITY													
D - SMALL DISTURBED														
J - JAR														
V - VIAL														
W - WATER														



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TRIAL PIT NO. OB - TP15

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **2.90 X 0.90**

Co-ordinates **E 222925.00**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642870.63

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.87			
MADE GROUND: Tarmac. [GL-0.08]						
MADE GROUND: Loose* brown and grey slightly clayey sand and gravel intermixed with brick cobbles, fragments of blaes, coal, glass, timber, ash and cinders. Gravel fine to coarse and angular to sub rounded.						
		3.30	0.57			
MADE GROUND: Loose* dark grey silty fine to coarse sand. Slight hydrocarbon odour.						
		3.60	0.27			

<p>Water Strikes Strike: 3.50 Flow: SEEPAGE</p>	<p>Details Casing: Final Depth: 3.60</p>	<p>SYMBOLS KEY</p> <p>B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER</p>
<p>Stability: Unstable below 0.90m. Pit sides collaping. Shoring: None Backfilling: Backfilled on completion Notes:</p>		<p>ALL DIMENSIONS ARE IN METRES</p>
<p>Logged by: EM Checked by: SKF</p>		



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TRIAL PIT NO. OB - TP16

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.00 X 2.00**

Co-ordinates **E 222964.84**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642912.88

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.03			
MADE GROUND: Topsoil / rough grass.		0.20	3.83			
MADE GROUND: Medium dense* brown slightly clayey sand and gravel intermixed with fragments of brick, blaes, metal, ash and cinders. Gravel fine to coarse and angular to sub rounded. Concrete foundation exposed measuring >3.00 x 0.95 x 0.30m		1.40	2.63			
MADE GROUND: Soft to firm light grey silty sandy gravelly clay. Gravel fine to coarse and angular to sub rounded. Traces of coal. Strong hydrocarbon odour.		2.50	1.53			

Water Strikes Strike: Flow: SEEPAGE		Details Casing: Final Depth: 2.50		SYMBOLS KEY B - BULK U - UNDISTURBED D - SMALL DISTURBED J - JAR V - VIAL W - WATER NR - NO RECOVERY * - ESTIMATED DENSITY	
Stability: Unstable below 1.70m. Pit sides collaping. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TP17

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **6.50 X 1.00**

Co-ordinates **E 223005.66**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642950.22

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.63			
MADE GROUND: Tarmac.						
MADE GROUND: Medium dense* brown slightly clayey sand and gravel intermixed with fragments of brick, blaes, metal, ash and cinders. Gravel fine to coarse and angular to sub rounded.		0.80	2.83			
MADE GROUND: Soft light grey silty sandy gravelly clay. Gravel fine to coarse and angular to sub rounded. Traces of coal. Strong hydrocarbon odour. At 1.40m concrete foundation exposed measuring 2.50 x > 1.00 x 0.30m.		2.50	1.13			

Water Strikes		Details		SYMBOLS KEY	
Strike:	Flow: MODERATE	Casing:	Final Depth: 2.50	B	- BULK
Stability: Stable				U	- UNDISTURBED
Shoring: None				D	- SMALL DISTURBED
Backfilling: Backfilled on completion				J	- JAR
Notes:				V	- VIAL
				W	- WATER
Logged by: EM		Checked by: SKF		ALL DIMENSIONS ARE IN METRES	

NR - NO RECOVERY
 * - ESTIMATED DENSITY



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TRIAL PIT NO. OB - TR01

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **6.00 X 0.90**

Co-ordinates **E 222854.91**

Date: **05/12/2022**

Equipment: **JCB 3CX**

N 642493.95

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.93			
MADE GROUND: Topsoil / rough grass.		0.15	3.78			
MADE GROUND: Medium dense* brown and grey slightly clayey sand and gravel intermixed with topsoil, brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded.		0.95	2.98			
MADE GROUND: Soft to firm brown, reddish brown and grey slightly silty very sandy gravelly clay intermixed with fragments of brick, concrete and metal. Gravel fine to coarse and angular to sub rounded.		2.30	1.63			
MADE GROUND: Medium dense* dark grey and black silty gravelly fine to coarse sand intermixed with fragments of brick, blaes, slag, timber, ash and cinders. Gravel fine to coarse and angular to sub rounded. Very strong hydrocarbon odour.		2.50	1.43			

Water Strikes Strike: 2.30 Flow: RAPID		Details Casing: Final Depth: 2.50		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable below 2.00m. Pit sides collaping. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TR02

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **7.00 X 0.90**

Co-ordinates **E 222873.70**

Date: **05/12/2022**

Equipment: **JCB 3CX**

N 642588.88

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.93			
MADE GROUND: Topsoil / rough grass.		0.18	3.75			
MADE GROUND: Medium dense* brown and grey slightly clayey gravelly fine to coarse sand intermixed with brick and concrete cobbles. Occasional fragments of timber, blaes and rebar. Gravel fine to coarse and angular to sub rounded.		0.60	3.33			
MADE GROUND: Soft light brown and light grey slightly silty very sandy gravelly clay intermixed with brick, concrete and sandstone cobbles. Occasional concrete boulders. Gravel fine to coarse and angular to sub rounded.		1.70	2.23			
MADE GROUND: Loose* dark grey and black silty sand and gravel intermixed with fragments of brick, concrete, metal, timber and slag. Gravel fine to coarse and angular to sub rounded. Very strong hydrocarbon odour.		2.10	1.83			

Water Strikes Strike: 1.70 Flow: RAPID		Details Casing: Final Depth: 2.10		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable below 1.80m. Pit sides continually collapsing. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TR03

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **10.00 X 0.90**

Co-ordinates **E 222786.46**

Date: **05/12/2022**

Equipment: **JCB 3CX**

N 642649.36

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	5.38			
MADE GROUND: Rough grass / moss. [GL-0.03] MADE GROUND: Medium dense* brown and grey slightly clayey sand and gravel. Many concrete and sandstone cobbles and boulders. Occasional fragments of plastic and rebar. Gravel fine to coarse and angular to sub rounded.		1.40	3.98			
MADE GROUND: Loose* light brown slightly silty fine to coarse sand intermixed with fragments of shell. Occasional sandstone boulders.		3.50	1.88			

Water Strikes		Details		SYMBOLS KEY	
Strike: DRY	Flow:	Casing:	Final Depth: 3.50	B - BULK	NR - NO RECOVERY
Stability: Unstable below 0.40m. Pit sides collapsed.				U - UNDISTURBED	* - ESTIMATED DENSITY
Shoring: None				D - SMALL DISTURBED	
Backfilling: Backfilled on completion				J - JAR	
Notes:				V - VIAL	
Logged by: EM				W - WATER	
Checked by: SKF				ALL DIMENSIONS ARE IN METRES	



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TRIAL PIT NO. OB - TR04

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **8.50 X 1.00**

Co-ordinates **E 222961.81**

Date: **05/12/2022**

Equipment: **JCB 3CX**

N 642684.20

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.10			
MADE GROUND: Topsoil / rough grass.		0.16	3.94			
MADE GROUND: Medium dense* light brown and reddish brown slightly clayey sand and gravel. Occasional brick and sandstone cobbles. Gravel fine to coarse and angular to sub rounded.		0.65	3.45			
MADE GROUND: Medium dense* brownish grey slightly clayey sand and gravel intermixed with fragments of brick, concrete, metal, glass and slag. Gravel fine to coarse and angular to sub rounded. Strong hydrocarbon odour.		2.20	1.90			

Water Strikes Strike: 2.00 Flow: RAPID		Details Casing: Final Depth: 2.20		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable below 0.20m. Pit sides collapsed. Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. OB - TR05

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.00 X 2.50**

Co-ordinates **E 222882.65**

Date: **05/12/2022**

Equipment: **JCB 3CX**

N 642794.03

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.80			
MADE GROUND: Rough grass / moss. [GL-0.05] MADE GROUND: Medium dense* brown and grey sand and gravel predominantly of brick and concrete cobbles and boulders. Gravel fine to coarse and angular to sub rounded.	[Cross-hatched pattern]	2.20	1.60			

Water Strikes Strike: DRY Flow: Casing: Details Final Depth: 2.20	SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Stability: Unstable below ground level. Pit sides collapsing. Shoring: None Backfilling: Backfilled on completion Notes:	ALL DIMENSIONS ARE IN METRES
Logged by: EM Checked by: SKF	



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TRIAL PIT NO. REV - TP01

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions:

Co-ordinates **E 222945.91**

Date: **02/12/2022**

Equipment: **JCB JS220LC**

N 642917.66

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	2.63			
SURFACE DESCRIPTION - MADE GROUND: Predominantly sandstone boulders ranging in size from 0.30m to 0.90m intermixed with brick and concrete cobbles. Occasional fragments of plastic and timber.						
		4.00	-1.37			

Water Strikes Strike: DRY Flow:		Details Casing: Final Depth:		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Stability: Shoring: None Backfilling: Backfilled on completion Notes:				
Logged by: EM		Checked by: SKF		



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TRIAL PIT NO. REV - TP02

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions:

Co-ordinates E 222895.01

Date: 02/12/2022

Equipment: JCB JS220LC

N 642867.30

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	1.94			
SURFACE DESCRIPTION - MADE GROUND: Predominantly sandstone boulders ranging in size from 0.30m to 0.90m intermixed with brick and concrete cobbles. Occasional fragments of plastic and timber.						
		4.00	-2.06			

Water Strikes	Details	SYMBOLS KEY
Strike: DRY Flow:	Casing: Final Depth:	B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER ALL DIMENSIONS ARE IN METRES
Stability:		
Shoring: None		
Backfilling: Backfilled on completion		
Notes:		
Logged by: EM	Checked by: SKF	



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TRIAL PIT NO. REV - TP03

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 3.50 X 2.50

Co-ordinates E 222817.70

Date: 02/12/2022

Equipment: JCB JS220LC

N 642814.62

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.35			
MADE GROUND: Recovered as concrete and occasional sandstone boulders ranging in size from 0.50m to 3.00m intermixed with 10mm and 25mm rebar. Many sandstone and concrete cobbles throughout.	[Cross-hatch pattern]					
		1.70	2.65			
MADE GROUND: Medium dense* brown slightly clayey sand and gravel intermixed with fragments of blaes, timber plastic, metal and concrete. Many brick and concrete cobbles. Occasional sandstone boulders. Gravel fine to coarse and angular to sub rounded.	[Cross-hatch pattern]					
		2.40	1.95			

Water Strikes	Details	SYMBOLS KEY
Strike: DRY Flow:	Casing: Final Depth: 2.40	B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Stability: Unstable from GL Shoring: None Backfilling: Backfilled on completion Notes:		ALL DIMENSIONS ARE IN METRES
Logged by: EM Checked by: SKF		



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TRIAL PIT NO. REV - TP04

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **4.00 X 2.50**

Co-ordinates **E 222793.92**

Date: **01/12/2022**

Equipment: **JCB JS220LC**

N 642798.40

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.13			
MADE GROUND: Recovered as concrete and occasional sandstone boulders ranging in size from 0.50m to 3.00m intermixed with 5mm, 10mm and 25mm rebar. Many sandstone and concrete cobbles throughout.						
		1.40	2.73			
MADE GROUND: Medium dense* brown slightly clayey sand and gravel intermixed with fragments of blaes, timber plastic, metal and concrete. Many brick and concrete cobbles. Occasional sandstone boulders. Gravel fine to coarse and angular to sub rounded.						
		2.70	1.43			

Water Strikes Strike: DRY Flow:		Details Casing: Final Depth: 2.70		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable from GL Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. REV - TP05

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 4.00 X 2.50

Co-ordinates E 222760.99

Date: 01/12/2022

Equipment: JCB JS220LC

N 642752.08

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.33			
MADE GROUND: Recovered as concrete and occasional sandstone boulders ranging in size from 0.80m to 3.30mm intermixed with 5mm and 10mm rebar. Many sandstone and concrete cobbles throughout.						
		2.00	2.33			
MADE GROUND: Medium dense* brown slightly clayey sand and gravel intermixed with fragments of blaes, timber and concrete. Many brick and concrete cobbles. Occasional sandstone boulders. Gravel fine to coarse and angular to sub rounded.						
		3.00	1.33			

Water Strikes Strike: DRY Flow:	Details Casing: Final Depth: 3.00	SYMBOLS KEY
Stability: Unstable from GL Shoring: None Backfilling: Backfilled on completion Notes:		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: EM	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. REV - TP06

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 5.00 X 2.50

Co-ordinates E 222729.33

Date: 01/12/2022

Equipment: JCB JS220LC

N 642711.13

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.43			
MADE GROUND: Recovered as concrete and sandstone boulders ranging in size from 0.80m to 3.30mm intermixed with 5mm and 10mm rebar. Many sandstone and concrete cobbles throughout.						
		2.90	1.53			
MADE GROUND: Medium dense* brown slightly clayey sand and gravel intermixed with fragments of blaes, timber and concrete. Many brick and concrete cobbles. Occasional sandstone boulders. Gravel fine to coarse and angular to sub rounded.						
		3.40	1.03			

<p>Water Strikes Strike: 3.00 Flow: SEEPAGE</p>	<p>Details Casing: Final Depth: 3.40</p>	<p>SYMBOLS KEY</p> <p>B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER</p>
<p>Stability: Unstable from GL Shoring: None Backfilling: Backfilled on completion Notes:</p>		<p>ALL DIMENSIONS ARE IN METRES</p>
<p>Logged by: EM Checked by: SKF</p>		



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TRIAL PIT NO. REV - TP08

Contract: NORTH SHORE, ARDROSSAN

Contract No: 7124

Status: FINAL

Client: FAIRHURST LTD

Pit Dimensions: 4.50 X 3.00

Co-ordinates E 222665.45

Date: 01/12/2022

Equipment: JCB JS220LC

N 642638.52

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.62			
MADE GROUND: Recovered as concrete and sandstone boulders ranging in size from 0.80m to 3.00m. Many concrete cobbles throughout. At 1.30m concrete slab measuring 3.50 x 1.20 x 0.80m exposed. Unable to excavate.	[Cross-hatch pattern]					
		1.70	2.92			
MADE GROUND: Medium dense* brown slightly clayey sand and gravel intermixed with fragments of blaes, timber and concrete. Many brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded.	[Cross-hatch pattern]					
		2.70	1.92			

Water Strikes Strike: 2.60 Flow: SEEPAGE	Details Casing: Final Depth: 2.70	SYMBOLS KEY
Stability: Unstable from GL Shoring: None Backfilling: Backfilled on completion Notes:		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: EM	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. REV - TP09

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **4.50 X 2.70**

Co-ordinates **E 222631.64**

Date: **01/12/2022**

Equipment: **JCB JS220LC**

N 642597.93

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.23			
MADE GROUND: Recovered as concrete and sandstone boulders ranging in size from 0.80m to 3.00m intermixed with 5mm and 10mm rebar. Many concrete cobbles throughout.						
		1.40	2.83			
MADE GROUND: Medium dense* brown slightly clayey sand and gravel intermixed with fragments of blaes, timber and metal wire. Many brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded.						
		2.60	1.63			

Water Strikes Strike: Dry Flow:		Details Casing: Final Depth: 2.60		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable from GL Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			



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TRIAL PIT NO. REV - TP10

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **4.00 X 3.00**

Co-ordinates **E 222609.84**

Date: **01/12/2022**

Equipment: **JCB JS220LC**

N 642559.14

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.69			
MADE GROUND: Recovered as concrete and sandstone boulders ranging in size from 0.50m to 2.50m. Many concrete and brick cobbles throughout.						
MADE GROUND: Medium dense* grey slightly clayey sand and gravel intermixed with fragments of plastic, timber and metal. Many brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded.		1.60	3.09			
		3.50	1.19			

Water Strikes Strike: Dry Flow:	Details Casing: Final Depth: 3.50	SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Stability: Unstable from GL Shoring: None Backfilling: Backfilled on completion Notes:		ALL DIMENSIONS ARE IN METRES
Logged by: EM	Checked by: SKF	



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 TEL: 01475 672409 or 07795 493892 FAX: 01475 672409

TRIAL PIT NO. REV - TP11

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **4.00 X 2.60**

Co-ordinates **E 222630.06**

Date: **01/12/2022**

Equipment: **JCB JS220LC**

N 642487.12

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	4.36			
MADE GROUND: Recovered as concrete and sandstone boulders ranging in size from 0.50m to 2.50m. Many concrete and brick cobbles throughout.						
		1.10	3.26			
MADE GROUND: Medium dense* brown and grey slightly clayey sand and gravel intermixed with fragments of plastic, timber and metal. Many brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded.						
		2.50	1.86			
MADE GROUND: Medium dense* brown and light brown clayey sand and gravel. Gravel fine to coarse and angular to sub rounded. Many fragments of timber.						
		2.80	1.56			

Water Strikes Strike: Dry Flow:	Details Casing: Final Depth: 2.80	SYMBOLS KEY
Stability: Unstable from 1.30m Shoring: None Backfilling: Backfilled on completion Notes:		B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER
Logged by: EM	Checked by: SKF	ALL DIMENSIONS ARE IN METRES



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TRIAL PIT NO. REV - TP12

Contract: **NORTH SHORE, ARDROSSAN**

Contract No: **7124**

Status: **FINAL**

Client: **FAIRHURST LTD**

Pit Dimensions: **3.50 X 2.00**

Co-ordinates **E 222706.00**

Date: **01/12/2022**

Equipment: **JCB JS220LC**

N 642472.72

Description of Strata	Legend	Depth	Level	Sampling	SPT Blows U Blows Hand Vane	Pipe
Ground Surface		0.00	3.94			
MADE GROUND: Recovered as concrete boulders ranging in size from 0.50m to 1.50m. Many concrete cobbles throughout.		1.20	2.74			
MADE GROUND: Loose* brown slightly clayey sand and gravel intermixed with fragments of plastic and metal. Many brick and concrete cobbles. Gravel fine to coarse and angular to sub rounded.		2.70	1.24			

Water Strikes Strike: Dry Flow:		Details Casing: Final Depth: 2.70		SYMBOLS KEY B - BULK NR - NO RECOVERY U - UNDISTURBED * - ESTIMATED DENSITY D - SMALL DISTURBED J - JAR V - VIAL W - WATER	
Stability: Unstable from GL Shoring: None Backfilling: Backfilled on completion Notes:				ALL DIMENSIONS ARE IN METRES	
Logged by: EM		Checked by: SKF			

APPENDIX 3.0 – LABORATORY TEST RESULTS



Craig Laughlan
Fairhurst
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Analytical Report Number : 22-13238

Replaces Analytical Report Number: 22-13238, issue no. 1
Client sampling date amended.

Project / Site name:	Ardrossan	Samples received on:	13/12/2022
Your job number:		Samples instructed on/ Analysis started on:	13/12/2022
Your order number:		Analysis completed by:	13/01/2023
Report Issue Number:	2	Report issued on:	13/01/2023
Samples Analysed:	128 soil samples		

Signed:

Ashleigh Cunningham
Customer Service Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate

Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number			2532963	2532964	2532965	2532966	2532967	2532968
Sample Reference			ECTP1	ECTP1	ECTP1	ECTP1	ECTP2	ECTP2
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)			0.20	0.50	1.00	1.50	0.20	0.50
Date Sampled			01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	17	20	19	9.8
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.4	1.3

	Type	N/A	ISO 17025					
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU	N/A	N/A	SPU

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.8	7	7.4	7.6	8.1	8.2
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0045	-	0.013	-	0.014
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	9	-	25	-	27
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	4.5	-	12.6	-	13.6

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	3.6	3.6	4.6	2.7	11	8.8
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	0.5	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	18	18	14	17	16	14
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	18	19	15	17	16	14
Copper (aqua regia extractable)	mg/kg	1	MCERTS	17	4.3	3.8	4	92	47
Lead (aqua regia extractable)	mg/kg	1	MCERTS	5.5	4	4.1	3.7	210	120
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	17	17	16	16	26	45
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	21	19	20	20	160	140

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	7.3	8.3	< 2.0	< 2.0	< 2.0	16
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	28	16	< 8.0	< 8.0	< 8.0	20
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	98	48	< 8.0	< 8.0	< 8.0	25
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	130	72	< 10	< 10	< 10	61

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	11

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Lab Sample Number	2532963	2532964	2532965	2532966	2532967	2532968			
Sample Reference	ECTP1	ECTP1	ECTP1	ECTP1	ECTP2	ECTP2			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.00	1.50	0.20	0.50			
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	4.2	< 2.0	< 2.0	4.4	44
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	12	13	< 10	< 10	15	400
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	110	67	< 10	< 10	33	450
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	120	84	< 10	< 10	52	910

VOCs

Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

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Lab Sample Number	2532963		2532964		2532965		2532966		2532967		2532968	
Sample Reference	ECTP1		ECTP1		ECTP1		ECTP1		ECTP2		ECTP2	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.00		1.50		0.20		0.50	
Date Sampled	01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0		< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0		< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0		< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0		< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0		< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0		< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0		< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0		< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0		< 5.0

SVOCs

Analytical Parameter	Units	Limit of detection	Accreditation Status	2532963	2532964	2532965	2532966	2532967	2532968
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.4
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.3
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.31	0.8
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	0.3	0.7
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.05	7.8
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.25	5.8
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	0.2	4.5
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.22	9
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.8	88
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.38	52
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	5

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Lab Sample Number				2532963	2532964	2532965	2532966	2532967	2532968
Sample Reference				ECTP1	ECTP1	ECTP1	ECTP1	ECTP2	ECTP2
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.00	1.50	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	2.3	200
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	2.2	170
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.1	98
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.2	86
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	1	100
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	0.68	40
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.1	94
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.46	46
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.1	9.7
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.65	53

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2532969		2532970		2532971		2532972		2532973		2532974	
Sample Reference	ECTP2		ECTP2		ECTP3		ECTP3		ECTP3		ECTP3	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.00		1.50	
Date Sampled	01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Stone Content	%	0.1	NONE	< 0.1	< 0.1	14	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	17	13	14	12	13	13	13	13
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025			Chrysotile, Crocidolite-Loose Fibres	Chrysotile, Amosite, Crocidolite-Loose Fibres, Loose Fibrous Debris		
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Detected	Detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	SPU	SPU	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	7.9	8	7.6	8.5	8.4
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.056	-	0.075	-	0.068
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	110	-	150	-	140
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	56.4	-	74.6	-	67.7

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.8	8.4	11	8.3	29	14
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	18	17	16	14	11	9.5
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	18	17	17	15	11	9.9
Copper (aqua regia extractable)	mg/kg	1	MCERTS	21	22	44	36	7.5	7.4
Lead (aqua regia extractable)	mg/kg	1	MCERTS	35	39	100	110	8.3	12
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	19	16	32	21	13	11
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	54	65	120	130	150	31

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	1	0.39	< 0.001	< 0.001	0.003	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	42	< 1.0	2.4	8.7	4	4.6
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	400	190	85	95	22	81
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	550	250	220	220	36	130
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	400	200	370	340	46	140
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	1400	640	680	660	110	360

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	11	5.7	< 1.0	1.9	< 1.0	< 1.0

Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532969	2532970	2532971	2532972	2532973	2532974			
Sample Reference	ECTP2	ECTP2	ECTP3	ECTP3	ECTP3	ECTP3			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.00	1.50			
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	160	85	36	79	< 2.0	34
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	450	190	210	320	< 10	120
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	440	230	450	640	21	200
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	1100	510	700	1000	29	360

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532969			2532970			2532971			2532972			2532973			2532974		
Sample Reference	ECTP2			ECTP2			ECTP3			ECTP3			ECTP3			ECTP3		
Sample Number	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Depth (m)	1.50			3.00			0.20			0.50			1.00			1.50		
Date Sampled	01/12/2022			01/12/2022			01/12/2022			01/12/2022			01/12/2022			01/12/2022		
Time Taken	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status															
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
p-Propiyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 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-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 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
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 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
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 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-Nitrophenol	mg/kg	0.3	NONE	< 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
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 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
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 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
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 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
Naphthalene	mg/kg	0.05	MCERTS	0.49	0.57	2	1.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 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
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 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-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	1.4	1.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.29	0.23	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	4.6	4	1.2	1.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	1.6	1	0.9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 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
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	1.8	2.3	1.4	1.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 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
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 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
Phenanthrene	mg/kg	0.05	MCERTS	2.4	3.3	2.2	2.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	1.5	1.3	0.79	0.86	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 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

Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number				2532969	2532970	2532971	2532972	2532973	2532974
Sample Reference				ECTP2	ECTP2	ECTP3	ECTP3	ECTP3	ECTP3
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.00	1.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	3.8	2.8	2.3	2.2	< 0.05	0.35
Pyrene	mg/kg	0.05	MCERTS	3.6	2.8	2.4	2.4	< 0.05	0.66
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.86	0.79	0.72	0.98	< 0.05	0.11
Chrysene	mg/kg	0.05	MCERTS	1.1	0.74	1.3	1	< 0.05	0.2
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.74	0.63	0.7	0.87	< 0.05	0.16
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.39	0.4	0.46	0.29	< 0.05	0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.6	0.6	0.67	0.69	< 0.05	0.13
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.29	0.28	0.36	0.35	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.09	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.4	0.34	0.52	0.57	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532975	2532976	2532977	2532978	2532979	2532980			
Sample Reference	ECTP4	ECTP4	ECTP4	ECTP4	ECTP5	ECTP5			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.00	1.50	0.20	0.50			
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	61	32
Moisture Content	%	0.01	NONE	13	13	10	11	6.3	11
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Amosite- Loose Fibres	Chrysotile, Amosite, Crocidolite- Loose Fibres				
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Detected	-	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU	N/A	N/A	SPU	SPU

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	8.2	8.2	8.1	8.2	7.8
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0093	-	0.031	-	0.026
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	19	-	61	-	52
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	9.3	-	30.5	-	25.9

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	14	12	20	15	4.8	16
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.6	0.5	< 0.2	< 0.2	< 0.2	0.7
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	21	18	17	9.3	6.1	21
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	21	18	17	9.4	6.9	21
Copper (aqua regia extractable)	mg/kg	1	MCERTS	96	65	65	160	32	81
Lead (aqua regia extractable)	mg/kg	1	MCERTS	250	180	160	28	45	180
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.5	1.1	1.6	0.3	< 0.3	2.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	35	30	23	13	10	36
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	240	200	160	49	170	250

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	0.11	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	20	20	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	5.9	210	320	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	21	340	460	< 8.0	67
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	20	46	460	420	< 8.0	2500
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	26	72	1000	1200	< 10	2600

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	2.9	3.7	2.5	3.1	< 1.0	< 1.0

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Project / Site name: Ardrossan

Lab Sample Number			2532975	2532976	2532977	2532978	2532979	2532980	
Sample Reference			ECP4	ECP4	ECP4	ECP4	ECP5	ECP5	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			0.20	0.50	1.00	1.50	0.20	0.50	
Date Sampled			01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	11	10	110	110	< 2.0	3
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	23	26	360	400	< 10	35
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	46	58	710	620	21	720
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	83	97	1200	1100	28	750

VOCs

Compound	Units	Limit of detection	Accreditation Status	2532975	2532976	2532977	2532978	2532979	2532980
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

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Project / Site name: Ardrossan

Lab Sample Number				2532975	2532976	2532977	2532978	2532979	2532980
Sample Reference				ECTP4	ECTP4	ECTP4	ECTP4	ECTP5	ECTP5
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.00	1.50	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p-Propiyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.56	4.2	0.61	0.29	0.07	0.12
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.5	1	0.5	< 0.1	< 0.1	0.2
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.11	0.09	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.66	0.39	0.6	1.1	0.08	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	0.5	0.5	0.4	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.6	0.39	0.69	< 0.05	0.05	0.12
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	5.1	2.7	2.8	< 0.05	0.38	0.59
Anthracene	mg/kg	0.05	MCERTS	1.2	0.74	0.69	< 0.05	0.09	0.14
Carbazole	mg/kg	0.3	MCERTS	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Lab Sample Number				2532975	2532976	2532977	2532978	2532979	2532980
Sample Reference				ECTP4	ECTP4	ECTP4	ECTP4	ECTP5	ECTP5
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.00	1.50	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	0.3	0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	5.7	3.7	2.8	0.87	0.44	1
Pyrene	mg/kg	0.05	MCERTS	5	3.4	3.1	2.7	0.51	1.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	2.6	2.1	1.8	0.37	0.22	0.87
Chrysene	mg/kg	0.05	MCERTS	2.7	2.2	1.6	0.61	0.27	0.81
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2.4	2.1	1.3	0.58	0.34	0.64
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	1.6	1.4	0.88	0.27	0.15	0.28
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2.3	2.2	1.4	0.42	0.32	0.72
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1.1	1	0.54	0.2	0.18	0.32
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.3	0.24	0.14	< 0.05	0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.4	1.3	0.84	0.3	0.27	0.58

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number			2532981	2532982	2532983	2532984	2532985	2532986	
Sample Reference			ECTP5	ECTP5	ECTP6	ECTP6	ECTP6	ECTP6	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			1.00	1.50	0.20	0.50	1.50	2.00	
Date Sampled			01/12/2022	01/12/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	28	< 0.1	63	52	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	14	16	1	8.2	29	22
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025				Chrysotile, Crocidolite-Loose Fibres		
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	DSA	DSA	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	8.1	9.3	8.5	6.5	6.9
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.03	-	0.079	-	0.087
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	61	-	160	-	170
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	30.4	-	79	-	87.3

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	10	8	1.6	12	21	8.8
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.5	0.3	< 0.2	< 0.2	1.2	0.5
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	40	31	14	24	27	19
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	40	32	14	24	29	19
Copper (aqua regia extractable)	mg/kg	1	MCERTS	64	51	50	60	150	55
Lead (aqua regia extractable)	mg/kg	1	MCERTS	150	96	11	130	440	150
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	8.7	1.5	< 0.3	< 0.3	2.5	1.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	54	43	170	87	72	37
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	180	130	82	180	570	220

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	7.1	2.8
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	0.2	< 0.001	< 0.001	95	36
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	17	16	< 1.0	< 1.0	11	4.7
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	200	170	< 2.0	18	87	22
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	280	270	14	27	48	23
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	300	400	180	130	48	43
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU_ID_AL	mg/kg	10	NONE	800	850	190	180	300	130

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	8.1	6.8	< 1.0	< 1.0	14	1.4

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Lab Sample Number	2532981	2532982	2532983	2532984	2532985	2532986			
Sample Reference	ECTP5	ECTP5	ECTP6	ECTP6	ECTP6	ECTP6			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.00	1.50	0.20	0.50	1.50	2.00			
Date Sampled	01/12/2022	01/12/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	110	110	< 2.0	9.2	62	11
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	240	250	< 10	29	35	22
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	280	320	240	220	39	38
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	640	690	240	260	150	72

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	30	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	230	130

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Lab Sample Number			2532981	2532982	2532983	2532984	2532985	2532986	
Sample Reference			ECTP5	ECTP5	ECTP6	ECTP6	ECTP6	ECTP6	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			1.00	1.50	0.20	0.50	1.50	2.00	
Date Sampled			01/12/2022	01/12/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p-Propiyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1*	0.3*	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05*	< 0.05*	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	1.5	1.6	0.15*	3.7*	23	3.1
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	1.4	1.5	0.2*	1.7*	19	2.6
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.33	< 0.05	0.05*	0.19*	0.34	0.13
Acenaphthene	mg/kg	0.05	MCERTS	7.1	6.1	0.15*	1.2*	22	2.9
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	3.2	3.3	< 0.2*	1.1*	14	1.9
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	4.1	3.9	0.17*	0.99*	16	2.8
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	8	10	0.19*	2.5*	17	4
Anthracene	mg/kg	0.05	MCERTS	2.1	2.9	0.08*	0.66*	3.7	1.7
Carbazole	mg/kg	0.3	MCERTS	< 0.3	0.9	< 0.3*	< 0.3*	< 0.3	0.3

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Lab Sample Number				2532981	2532982	2532983	2532984	2532985	2532986
Sample Reference				ECTP5	ECTP5	ECTP6	ECTP6	ECTP6	ECTP6
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	1.50	0.20	0.50	1.50	2.00
Date Sampled				01/12/2022	01/12/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	0.3
Fluoranthene	mg/kg	0.05	MCERTS	6	7.5	0.19*	2.2*	3.6	2.6
Pyrene	mg/kg	0.05	MCERTS	5.1	6.5	0.28*	2.1*	2.4	2.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	2.4	3.2	0.09*	0.75*	0.93	0.84
Chrysene	mg/kg	0.05	MCERTS	2.4	2.8	0.23*	1.1*	0.81	0.8
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2	2.3	< 0.05*	0.98*	0.74	0.69
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.89	1.6	< 0.05*	0.49*	0.36	0.32
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.8	2.1	< 0.05*	0.83*	0.55	0.58
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.74	0.91	< 0.05*	0.39*	0.3	0.32
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.22	0.29	< 0.05*	0.12*	0.1	0.08
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.89	1	< 0.05*	0.55*	0.42	0.48

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2532987		2532988		2532989		2532990		2532991		2532992	
Sample Reference	ECTP7		ECTP7		ECTP7		ECTP7		ECTP8		ECTP8	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Stone Content	%	0.1	NONE	45	< 0.1	30	46	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	6.4	11	13	11	9.1	10	10	10	10
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	0.9	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025							Amosite- Loose Fibres
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Detected	
Asbestos Analyst ID	N/A	N/A	N/A	DSA	DSA	N/A	N/A	DSA	DSA	

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	8.5	8.4	8.5	7.7	8.2
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.018	-	0.088	-	0.0087
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	35	-	180	-	17
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	17.6	-	87.8	-	8.7

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.2	5.4	9.6	15	8.3	7.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	0.4	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	36	12	10	9.9	36	27
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	36	12	10	10	36	27
Copper (aqua regia extractable)	mg/kg	1	MCERTS	44	21	43	54	11	18
Lead (aqua regia extractable)	mg/kg	1	MCERTS	97	27	24	54	33	61
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.7	0.6	< 0.3	< 0.3	0.5
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	85	12	13	12	43	38
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	140	34	82	61	69	76

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	2.7	< 1.0	5.9	6.4	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	7.8	< 2.0	17	14	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	19	< 8.0	< 8.0	< 8.0	< 8.0	11
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	88	< 8.0	< 8.0	< 8.0	< 8.0	69
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	120	< 10	23	20	< 10	80

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	9.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number	2532987	2532988	2532989	2532990	2532991	2532992				
Sample Reference	ECTP7	ECTP7	ECTP7	ECTP7	ECTP8	ECTP8				
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied				
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50				
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022				
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied				
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status							
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	63	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	170	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	320	< 10	< 10	< 10	< 10	< 10	43
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	560	< 10	< 10	< 10	< 10	< 10	49

VOCs

Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

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Lab Sample Number			2532987	2532988	2532989	2532990	2532991	2532992	
Sample Reference			ECTP7	ECTP7	ECTP7	ECTP7	ECTP8	ECTP8	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			0.20	0.50	1.50	3.00	0.20	0.50	
Date Sampled			30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.2	< 0.1	< 0.1	0.5	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	5.5	0.05	0.08	0.06	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	8.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.23	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	5.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	7.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	54	0.14	0.14	0.12	< 0.05	0.48
Anthracene	mg/kg	0.05	MCERTS	12	< 0.05	0.06	< 0.05	< 0.05	0.08
Carbazole	mg/kg	0.3	MCERTS	2.8	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Lab Sample Number				2532987	2532988	2532989	2532990	2532991	2532992
Sample Reference				ECTP7	ECTP7	ECTP7	ECTP7	ECTP8	ECTP8
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	3.6	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	40	0.24	0.22	0.17	0.12	1.2
Pyrene	mg/kg	0.05	MCERTS	43	0.25	0.23	0.2	0.12	1.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	18	0.15	0.13	0.11	0.06	0.44
Chrysene	mg/kg	0.05	MCERTS	15	0.12	0.14	0.08	< 0.05	0.53
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	16	0.15	0.13	0.1	0.07	0.66
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	6.9	0.08	0.1	0.08	< 0.05	0.2
Benzo(a)pyrene	mg/kg	0.05	MCERTS	16	0.14	0.17	0.13	0.07	0.51
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	6.6	0.06	0.08	0.06	< 0.05	0.28
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	1.7	< 0.05	< 0.05	< 0.05	< 0.05	0.06
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	9.4	0.09	0.12	0.1	< 0.05	0.33

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number			2532993	2532994	2532995	2532996	2532997	2532998
Sample Reference			ECTP8	ECTP8	ECTP9	ECTP9	ECTP9	ECTP9
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled			30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	9.9	10	10	11	23
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3

	Units	Limit of detection	Accreditation Status					
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	DSA	DSA	N/A

General Inorganics

	pH Units	N/A	MCERTS	7.9	7.1	7.1	6.7	7.4	7.8
pH - Automated									
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0064	-	0.0045	-	0.081
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	13	-	9	-	160
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	6.4	-	4.5	-	81.2

Heavy Metals / Metalloids

	mg/kg	1	MCERTS	7.1	6.8	7.6	8.2	9.4	11
Arsenic (aqua regia extractable)									
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	29	31	34	34	39	39
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	29	32	35	34	39	40
Copper (aqua regia extractable)	mg/kg	1	MCERTS	15	11	4.3	4.8	4.6	4.8
Lead (aqua regia extractable)	mg/kg	1	MCERTS	34	40	11	10	9	12
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	38	37	41	40	46	45
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	70	91	49	44	43	50

Monoaromatics & Oxygenates

	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene									
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL									
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	12	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	12	< 10	< 10	< 10	< 10

	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR									
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number			2532993	2532994	2532995	2532996	2532997	2532998
Sample Reference			ECTP8	ECTP8	ECTP9	ECTP9	ECTP9	ECTP9
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled			30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	13

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

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Lab Sample Number			2532993	2532994	2532995	2532996	2532997	2532998	
Sample Reference			ECTP8	ECTP8	ECTP9	ECTP9	ECTP9	ECTP9	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00	
Date Sampled			30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p-Propiyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.7
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.07	< 0.05	0.1	0.19	0.05	0.14
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.07	< 0.05	0.06
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Lab Sample Number				2532993	2532994	2532995	2532996	2532997	2532998
Sample Reference				ECTP8	ECTP8	ECTP9	ECTP9	ECTP9	ECTP9
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.18	0.1	0.26	0.73	0.11	0.38
Pyrene	mg/kg	0.05	MCERTS	0.16	0.1	0.24	0.64	0.11	0.36
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.09	0.07	0.14	0.28	0.05	0.14
Chrysene	mg/kg	0.05	MCERTS	0.1	< 0.05	0.12	0.23	< 0.05	0.15
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.14	0.07	0.12	0.21	0.05	0.15
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.06	< 0.05	0.12	0.17	< 0.05	0.08
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.14	0.08	0.14	0.28	0.06	0.15
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.07	< 0.05	0.07	0.12	< 0.05	0.07
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.1	< 0.05	0.1	0.16	< 0.05	0.11

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2532999	2533000	2533001	2533002	2533003	2533004			
Sample Reference	ECTP10	ECTP10	ECTP10	ECTP10	ECTP11	ECTP11			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	30	43	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	10	15	18	11	10
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Amosite, Crocidolite- Loose Fibres	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	DSA	DSA	N/A	N/A	SZS	SZS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	8.3	8.2	8.2	8.4	7.7
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.009	-	0.017	-	0.0032
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	18	-	33	-	6.3
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	9	-	16.6	-	3.2

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	11	6.7	6.4	5.8	9.7	5.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	19	11	13	15	29	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	19	11	14	15	29	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	51	35	9.6	13	18	4.5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	140	62	20	17	69	17
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	0.4	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	44	23	13	15	39	31
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	220	86	35	35	74	36

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	0.097	0.035	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	4.3	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	22	4.7	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	17	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	20	9.8	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	20	< 10	46	14	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	0.016	0.028	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	2	< 1.0	2.4	1.9	< 1.0	< 1.0

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Lab Sample Number	2532999	2533000	2533001	2533002	2533003	2533004			
Sample Reference	ECTP10	ECTP10	ECTP10	ECTP10	ECTP11	ECTP11			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	11	4	24	8	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	29	19	20	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	67	67	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	110	90	53	21	< 10	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	20	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	15	10	-	< 5.0

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Lab Sample Number					2532999	2533000	2533001	2533002	2533003	2533004
Sample Reference					ECTP10	ECTP10	ECTP10	ECTP10	ECTP11	ECTP11
Sample Number					None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)					0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled					30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken					None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status							
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0
p-Propionitoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.33	0.21	0.52	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.3	0.4	7	2.3	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.18	0.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.72	0.29	1.8	0.56	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	0.6	0.2	1.3	0.5	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.8	0.33	1.6	0.57	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	7.9	3.1	4.2	1.6	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	3	1.1	0.75	0.29	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	0.9	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Lab Sample Number				2532999	2533000	2533001	2533002	2533003	2533004
Sample Reference				ECTP10	ECTP10	ECTP10	ECTP10	ECTP11	ECTP11
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	12	7.3	2.2	0.9	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	11	6.9	1.7	0.82	< 0.05	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	5.1	3.5	0.56	0.26	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	5	3.3	0.56	0.25	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	5.3	3.8	0.38	0.15	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	3.2	1.7	0.21	0.1	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	6	3.8	0.35	0.2	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	3.1	2	0.15	0.09	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.58	0.44	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	3.7	2.4	0.2	0.13	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number			2533005	2533006	2533007	2533008	2533009	2533010	
Sample Reference			ECTP11	ECTP11	ECTP12	ECTP12	ECTP12	ECTP12	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00	
Date Sampled			30/11/2022	30/11/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	29	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	10	7.3	7.6	16	9.5
Total mass of sample received	kg	0.001	NONE	1.3	0.3	1.3	1.3	1.3	1.3

	Units	Limit of detection	Accreditation Status						
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	SZS	SZS	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5	7.8	8	7.9	7.6	8.4
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0042	-	0.0071	-	0.0033
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	8.4	-	14	-	6.5
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	4.2	-	7.1	-	3.3

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.8	6.9	7.1	6	13	5.4
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	28	28	22	27	23	22
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	28	28	22	27	24	22
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.3	3.5	9	5.4	72	3.7
Lead (aqua regia extractable)	mg/kg	1	MCERTS	27	26	31	17	230	8.1
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	0.3	< 0.3	1	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	33	34	26	33	38	25
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	35	36	48	41	290	32

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	0.77	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	1.2	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	150	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	3200	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	7200	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	7000	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10	18000	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	69	< 1.0

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Lab Sample Number			2533005	2533006	2533007	2533008	2533009	2533010	
Sample Reference			ECTP11	ECTP11	ECTP12	ECTP12	ECTP12	ECTP12	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00	
Date Sampled			30/11/2022	30/11/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	1900	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	7600	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	11000	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	20000	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

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Lab Sample Number			2533005	2533006	2533007	2533008	2533009	2533010
Sample Reference			ECTP11	ECTP11	ECTP12	ECTP12	ECTP12	ECTP12
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled			30/11/2022	30/11/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.3*	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	3.6*	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	4.4*	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	9.8*	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3

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Lab Sample Number				2533005	2533006	2533007	2533008	2533009	2533010
Sample Reference				ECTP11	ECTP11	ECTP12	ECTP12	ECTP12	ECTP12
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	5.2*	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.6*	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	4.1*	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	1*	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	0.29*	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.91*	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2533011	2533012	2533013	2533014	2533015	2533016
Sample Reference	ECTP13	ECTP13	ECTP13	ECTP13	ECTP14	ECTP14
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	13	15	16
Total mass of sample received	kg	0.001	NONE	0.8	0.8	0.8

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025						
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	SZS	SZS	N/A	N/A	SZS	SZS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	8.5	7.9	7.7	7.9	8.1
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.032	-	0.078	-	0.035
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	64	-	160	-	69
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	32.1	-	77.5	-	34.6

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	9.2	20	18	4.7	9.4	5.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	1	1.1	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	26	25	26	31	23	27
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	26	26	26	31	24	27
Copper (aqua regia extractable)	mg/kg	1	MCERTS	66	120	94	3.2	41	2.8
Lead (aqua regia extractable)	mg/kg	1	MCERTS	230	430	360	13	160	7.4
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.8	1.1	0.5	< 0.3	0.9	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	39	61	51	35	34	32
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	320	590	390	32	190	30

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	22**	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	270**	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	2.7	330	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	11	1900	3.5	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	21	25	2000	20	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	12	120	130	850	57	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	16	140	170	5400	81	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	13	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	1.5	91	< 1.0	< 1.0

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Lab Sample Number	2533011	2533012	2533013	2533014	2533015	2533016			
Sample Reference	ECTP13	ECTP13	ECTP13	ECTP13	ECTP14	ECTP14			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50			
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	4.6	910	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	1300	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	13	82	75	710	56	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	13	88	88	3000	63	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	29000	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

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Lab Sample Number			2533011	2533012	2533013	2533014	2533015	2533016	
Sample Reference			ECTP13	ECTP13	ECTP13	ECTP13	ECTP14	ECTP14	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			0.20	0.50	1.50	3.00	0.20	0.50	
Date Sampled			01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p-Propiyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Hexachlorbutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05*	< 0.05*	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.55*	0.27*	< 0.05	0.11	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.2	0.6*	0.4*	7.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1*	< 0.1*	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.09*	0.14*	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.06*	< 0.05*	6	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	0.3*	< 0.2*	2.9	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.07*	0.12*	5.1	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.16	1.1*	1*	8.4	0.39	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.05	0.56*	0.28*	2.3	0.13	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3

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Lab Sample Number				2533011	2533012	2533013	2533014	2533015	2533016
Sample Reference				ECTP13	ECTP13	ECTP13	ECTP13	ECTP14	ECTP14
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2*	< 0.2*	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.23	1.2*	1.6*	3.9	0.62	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.22	1.1*	1.5*	3.3	0.57	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3*	< 0.3*	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.13	0.51*	0.75*	0.63	0.28	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.12	0.73*	1*	0.6	0.32	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.15	0.72*	1.3*	0.29	0.34	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.11	0.35*	0.32*	0.21	0.19	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.15	0.5*	0.83*	0.22	0.34	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.09	0.32*	0.59*	< 0.05	0.18	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.07*	0.12*	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.15	0.48*	0.73*	< 0.05	0.24	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number			2533017	2533018	2533019	2533020	2533021	2533022
Sample Reference			ECTP14	ECTP14	ECTP15	ECTP15	ECTP15	ECTP15
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled			30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8.7	11	14	14	8.2
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3

	Units	Limit of detection	Accreditation Status					
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	SZS	SZS	N/A

General Inorganics

	pH Units	N/A	MCERTS	7.9	7.8	8.2	8.4	7.9	7.9
pH - Automated									
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.076	-	0.02	-	0.0078
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	150	-	39	-	16
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	76.4	-	19.7	-	7.8

Heavy Metals / Metalloids

	mg/kg	1	MCERTS	5.8	5.4	6.9	7	6.3	6.3
Arsenic (aqua regia extractable)									
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	26	25	11	9.5	22	29
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	26	25	11	9.6	22	29
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.9	7.5	19	22	7.5	3.6
Lead (aqua regia extractable)	mg/kg	1	MCERTS	10	14	17	17	16	8.6
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	31	33	11	8.6	26	33
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	36	49	42	41	39	34

Monoaromatics & Oxygenates

	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene									
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}									
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10	< 10

	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}									
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number			2533017	2533018	2533019	2533020	2533021	2533022
Sample Reference			ECTP14	ECTP14	ECTP15	ECTP15	ECTP15	ECTP15
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled			30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533017	2533018	2533019	2533020	2533021	2533022			
Sample Reference	ECTP14	ECTP14	ECTP15	ECTP15	ECTP15	ECTP15			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.12	0.09	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Lab Sample Number	2533017		2533018		2533019		2533020		2533021		2533022	
Sample Reference	ECTP14		ECTP14		ECTP15		ECTP15		ECTP15		ECTP15	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.50		3.00	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.31	0.22	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.36	0.24	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.17	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.21	0.18	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.15	0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.14	0.11	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.19	0.17	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.07	0.07	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.12	0.11	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number			2533023	2533024	2533025	2533026	2533027	2533028	
Sample Reference			ECTP16	ECTP16	ECTP16	ECTP16	ECTP17	ECTP17	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			0.20	0.50	1.50	3.00	0.20	0.50	
Date Sampled			30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	53	< 0.1	< 0.1	< 0.1	28	< 0.1
Moisture Content	%	0.01	NONE	9.2	11	7.2	6.1	11	25
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

	Type	N/A	ISO 17025						
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	EC	EC	N/A	N/A	EC	EC

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	7.6	8.1	7.8	8.2	7.9
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.024	-	0.0077	-	0.01
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	48	-	15	-	20
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	23.9	-	7.7	-	10.1

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	49	16	5.6	5.6	22	8.4
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.2	< 0.2	< 0.2	< 0.2	< 0.2	0.4
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	16	17	25	27	14	23
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	16	17	25	27	14	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	130	67	6.7	4.5	65	27
Lead (aqua regia extractable)	mg/kg	1	MCERTS	180	190	10	11	75	100
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.6	0.5	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	32	39	31	33	21	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	290	200	34	34	130	140

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	5.9	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	21	< 8.0	< 8.0	< 8.0	18	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	21	< 10	< 10	< 10	31	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	2	< 1.0

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Lab Sample Number	2533023		2533024		2533025		2533026		2533027		2533028	
Sample Reference	ECTP16		ECTP16		ECTP16		ECTP16		ECTP17		ECTP17	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	5.9	< 2.0			
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	14	< 10			
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	20	< 10			
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	42	< 10			

VOCs

Parameter	Units	Limit of detection	Accreditation Status	2533023	2533024	2533025	2533026	2533027	2533028
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

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Lab Sample Number	2533023		2533024		2533025		2533026		2533027		2533028	
Sample Reference	ECTP16		ECTP16		ECTP16		ECTP16		ECTP17		ECTP17	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.2	0.13	< 0.05	< 0.05	1.5	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.3	0.1	< 0.1	< 0.1	2.8	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.05	< 0.05	< 0.05	< 0.05	0.71	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	0.7	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.06	< 0.05	< 0.05	< 0.05	0.68	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.86	0.39	0.19	< 0.05	4.8	0.2	0.2
Anthracene	mg/kg	0.05	MCERTS	0.18	0.14	0.05	< 0.05	0.94	0.08	0.08
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	0.3	< 0.3	< 0.3

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Lab Sample Number	2533023		2533024		2533025		2533026		2533027		2533028	
Sample Reference	ECTP16		ECTP16		ECTP16		ECTP16		ECTP17		ECTP17	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.4	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	1.3	0.69	0.43	< 0.05	4.4	0.48	0.48	0.48	0.48
Pyrene	mg/kg	0.05	MCERTS	1.1	0.67	0.43	< 0.05	4.1	0.45	0.45	0.45	0.45
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.53	0.34	0.23	< 0.05	1.8	0.31	0.31	0.31	0.31
Chrysene	mg/kg	0.05	MCERTS	0.59	0.39	0.2	< 0.05	2	0.3	0.3	0.3	0.3
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.68	0.42	0.24	< 0.05	1.6	0.33	0.33	0.33	0.33
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.28	0.23	0.11	< 0.05	1	0.16	0.16	0.16	0.16
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.49	0.38	0.24	< 0.05	1.6	0.31	0.31	0.31	0.31
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.23	0.22	0.1	< 0.05	0.71	0.15	0.15	0.15	0.15
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.05	0.05	< 0.05	< 0.05	0.17	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.29	0.31	0.09	< 0.05	0.86	0.21	0.21	0.21	0.21

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2533029	2533030	2533031	2533032	2533033	2533034
Sample Reference	ECTP17	ECTP17	ECTP18	ECTP18	ECTP18	ECTP18
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	10	16
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

	Type	N/A	ISO 17025						
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	EC	EC	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.5	8.2	7.9	8.2	7.9	7.7
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.011	-	0.019	-	0.015
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	22	-	38	-	29
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	10.9	-	19.1	-	14.7

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.2	7.6	37	32	16	11
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	20	28	21	17	27	25
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	28	22	18	27	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	30	12	140	130	42	28
Lead (aqua regia extractable)	mg/kg	1	MCERTS	85	56	240	280	230	170
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	35	35	29	27	34	31
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	130	58	240	240	160	130

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	2.2	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	25	38	14	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	< 10	27	47	15	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number	2533029		2533030		2533031		2533032		2533033		2533034	
Sample Reference	ECTP17		ECTP17		ECTP18		ECTP18		ECTP18		ECTP18	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.50		3.00	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	13	21	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	11	< 10	17	27	< 10	< 10	< 10	< 10	< 10

VOCs

Compound	Units	Limit of detection	Accreditation Status	2533029	2533030	2533031	2533032	2533033	2533034
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

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Lab Sample Number			2533029	2533030	2533031	2533032	2533033	2533034
Sample Reference			ECTP17	ECTP17	ECTP18	ECTP18	ECTP18	ECTP18
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled			30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
p-Propiyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.08	0.06	0.16	0.16	0.08	0.07
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.1	< 0.1	0.2	0.2	0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.07	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.1	0.06	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.48	0.11	0.91	0.66	0.34	0.31
Anthracene	mg/kg	0.05	MCERTS	0.16	0.05	0.24	0.2	0.08	0.13
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Lab Sample Number				2533029	2533030	2533031	2533032	2533033	2533034
Sample Reference				ECTP17	ECTP17	ECTP18	ECTP18	ECTP18	ECTP18
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.74	0.15	1.3	1.2	0.5	1.2
Pyrene	mg/kg	0.05	MCERTS	0.7	0.16	1.3	1.2	0.44	1.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.35	0.09	0.7	0.68	0.27	0.55
Chrysene	mg/kg	0.05	MCERTS	0.36	0.06	0.78	0.85	0.28	0.6
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.42	0.09	0.8	0.87	0.24	0.59
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.2	0.06	0.35	0.4	0.27	0.29
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.35	0.09	0.72	0.77	0.27	0.55
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.19	< 0.05	0.31	0.37	0.14	0.26
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.1	0.09	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.26	< 0.05	0.44	0.54	0.21	0.37

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2533035	2533036	2533037	2533038	2533039	2533040
Sample Reference	ECTP19	ECTP19	ECTP19	ECTP19	ECTP20	ECTP20
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	4.00	0.20	0.50
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	14	4.6
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	Chrysotile-Loose Fibres	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	EC	EC	N/A	N/A	EC	EC

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	8.2	8.4	7.4	8.2	7.5
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.024	-	0.028	-	0.048
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	47	-	55	-	96
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	23.7	-	27.7	-	48.1

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.2	6.7	4.7	8.1	16	14
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	11	12	22	19	16	17
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	12	12	22	19	16	18
Copper (aqua regia extractable)	mg/kg	1	MCERTS	41	35	3.3	32	85	92
Lead (aqua regia extractable)	mg/kg	1	MCERTS	23	22	5.9	28	85	65
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	12	13	25	21	33	28
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	63	82	27	57	140	160

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	6.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	100	3	3.9	5.9	6.1	4.4
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	160	16	25	22	25	14
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	210	34	36	55	100	48
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	480	52	65	84	130	67

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number	2533035	2533036	2533037	2533038	2533039	2533040			
Sample Reference	ECTP19	ECTP19	ECTP19	ECTP19	ECTP20	ECTP20			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	4.00	0.20	0.50			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	21	2.1	< 2.0	6.1	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	130	17	< 10	30	30	17
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	290	63	< 10	93	150	100
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	440	82	< 10	130	180	120

VOCs

Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

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Lab Sample Number	2533035	2533036	2533037	2533038	2533039	2533040
Sample Reference	ECTP19	ECTP19	ECTP19	ECTP19	ECTP20	ECTP20
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	4.00	0.20	0.50
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Hexachlorbutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.5
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.13	0.1
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.28	0.17
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.28	0.12
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.39	0.14
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.05	< 0.05	0.19	4.7	1.9
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.06	< 0.05	0.07	1.9	0.95
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	0.3	< 0.3

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Lab Sample Number				2533035	2533036	2533037	2533038	2533039	2533040
Sample Reference				ECTP19	ECTP19	ECTP19	ECTP19	ECTP20	ECTP20
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	4.00	0.20	0.50
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.43	0.55	< 0.05	0.42	11	6.9
Pyrene	mg/kg	0.05	MCERTS	0.67	0.54	< 0.05	0.42	10	6.5
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.3	0.29	< 0.05	0.24	5.7	3.6
Chrysene	mg/kg	0.05	MCERTS	0.31	0.27	< 0.05	0.27	4.4	2.7
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.43	0.39	< 0.05	0.26	5.9	4
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.19	0.49	< 0.05	0.16	2.7	1.4
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.41	0.26	< 0.05	0.28	6.1	3.9
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.23	0.12	< 0.05	0.15	3.1	2.1
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.65	0.44
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.31	0.17	< 0.05	0.21	3.6	2.5

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2533041		2533042		2533043		2533044		2533045		2533046	
Sample Reference	ECTP20		ECTP20		ECTP21		ECTP21		ECTP21		ECTP21	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.50		3.00	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Stone Content	%	0.1	NONE	25	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	8.9	13	13	13	7.3	9.7		
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3	1.3		

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025				Chrysotile-Loose Fibres		
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	WEM	WEM	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.2	8.2	7.9	7.8	7.8	7.4
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.011	-	0.29	-	0.054
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	22	-	590	-	110
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	10.8	-	295	-	54.4

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	16	5.4	11	15	6.4	13
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	19	28	13	12	32	39
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	19	28	13	12	32	40
Copper (aqua regia extractable)	mg/kg	1	MCERTS	77	7.3	47	76	5.8	5.5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	66	8.9	44	74	11	8
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	0.4	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	29	32	14	16	39	47
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	140	36	100	180	48	44

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	5	1.9	MCERTS	2.7
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	21	< 2.0	73	61	7.6	19
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	62	< 8.0	110	100	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	230	< 8.0	170	160	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	310	< 10	360	330	10	24

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number			2533041	2533042	2533043	2533044	2533045	2533046	
Sample Reference			ECP20	ECP20	ECP21	ECP21	ECP21	ECP21	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00	
Date Sampled			30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	5.7	< 2.0	18	14	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	52	< 10	110	81	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	210	< 10	220	190	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	270	< 10	350	280	< 10	< 10

VOCs

Compound	Units	Limit of detection	Accreditation Status	2533041	2533042	2533043	2533044	2533045	2533046
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

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Lab Sample Number			2533041	2533042	2533043	2533044	2533045	2533046
Sample Reference			ECTP20	ECTP20	ECTP21	ECTP21	ECTP21	ECTP21
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled			30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
p-Propiyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.3	< 0.1	< 0.1	< 0.1	< 0.1	0.3
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.12	< 0.05	< 0.05	0.12	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.1	< 0.1	0.1	0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.32	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.23	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.34	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	4.7	0.08	0.38	0.5	< 0.05	0.19
Anthracene	mg/kg	0.05	MCERTS	2.3	0.05	0.21	0.32	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Lab Sample Number				2533041	2533042	2533043	2533044	2533045	2533046
Sample Reference				ECTP20	ECTP20	ECTP21	ECTP21	ECTP21	ECTP21
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	18	0.19	1.2	1.4	< 0.05	0.25
Pyrene	mg/kg	0.05	MCERTS	17	0.2	1.2	1.4	< 0.05	0.23
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	8	0.11	0.56	0.72	< 0.05	0.1
Chrysene	mg/kg	0.05	MCERTS	6.9	0.09	0.55	0.77	< 0.05	0.08
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	7.4	0.1	0.55	0.81	< 0.05	0.09
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	4.8	0.06	0.49	0.44	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	8.7	0.1	0.61	0.84	< 0.05	0.08
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	4.2	< 0.05	0.35	0.44	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.83	< 0.05	0.08	0.09	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	4.8	0.06	0.46	0.56	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2533047	2533048	2533049	2533050	2533051	2533052
Sample Reference	ECTP22	ECTP22	ECTP22	ECTP22	ECTP23	ECTP23
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	17	3.1	3.9
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	Chrysotile-Loose Fibres	Crocidolite-Loose Fibres
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Detected	Detected
Asbestos Analyst ID	N/A	N/A	N/A	WEM	WEM	N/A	N/A	WEM	WEM

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.7	7	7	7.8	8.2	8.1
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0085	-	0.057	-	0.018
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	17	-	110	-	36
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	8.5	-	57.2	-	17.8

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	52	5.5	5.7	4.9	9.5	7.1
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	22	18	18	29	22	31
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	18	18	30	22	32
Copper (aqua regia extractable)	mg/kg	1	MCERTS	56	2.7	3.9	3.4	33	3.4
Lead (aqua regia extractable)	mg/kg	1	MCERTS	160	23	12	6.1	140	7.9
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.2	< 0.3	< 0.3	< 0.3	1.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	34	21	20	35	32	38
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	210	28	37	29	200	33

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	3.7	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	7.2	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	350	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	1700	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	1600	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	23	< 8.0	< 8.0	14	37	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	27	< 10	< 10	3700	41	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	85	< 1.0	< 1.0

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Lab Sample Number	2533047	2533048	2533049	2533050	2533051	2533052			
Sample Reference	ECTP22	ECTP22	ECTP22	ECTP22	ECTP23	ECTP23			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50			
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	690	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	900	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	47	< 10	< 10	510	64	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	53	< 10	< 10	2200	66	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

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Lab Sample Number	2533047	2533048	2533049	2533050	2533051	2533052
Sample Reference	ECTP22	ECTP22	ECTP22	ECTP22	ECTP23	ECTP23
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
p-Propiyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Hexachlorbutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	8.2	< 0.05*	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	3.2	< 0.2*	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.05	< 0.05	< 0.05	6.4	< 0.05*	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.45	< 0.05	< 0.05	10	0.13*	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.17	< 0.05	< 0.05	2.5	< 0.05*	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3

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Lab Sample Number				2533047	2533048	2533049	2533050	2533051	2533052
Sample Reference				ECTP22	ECTP22	ECTP22	ECTP22	ECTP23	ECTP23
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.57	< 0.05	< 0.05	4.9	0.25*	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.59	< 0.05	< 0.05	4.8	0.25*	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.25	< 0.05	< 0.05	0.74	0.13*	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.28	< 0.05	< 0.05	0.84	0.18*	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.29	< 0.05	< 0.05	0.46	0.24*	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.16	< 0.05	< 0.05	0.22	0.07*	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.28	< 0.05	< 0.05	0.34	0.18*	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.12	< 0.05	< 0.05	0.09	0.11*	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.19	< 0.05	< 0.05	0.16	0.14*	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2533053		2533054		2533055		2533056		2533057		2533058	
Sample Reference	ECTP23		ECTP23		ECTP24		ECTP24		ECTP24		ECTP24	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.50		3.00	
Date Sampled	30/11/2022		30/11/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	20	17	11	11	12	12	11	11	11
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

	Type	N/A	ISO 17025							
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	WEM	WEM	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7	7.5	8.4	8.7	8.9	8.8
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.088	-	0.016	-	0.032
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	180	-	31	-	65
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	87.7	-	15.6	-	32.3

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.4	7.4	10	6	3.8	3.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	0.6	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	32	32	12	11	11	10
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	32	32	12	11	12	10
Copper (aqua regia extractable)	mg/kg	1	MCERTS	4.8	3.7	67	9.5	5.3	5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	10	11	1000	10	6.7	9.1
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	37	37	21	9.9	11	8.9
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	34	37	190	24	26	23

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	25	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	< 10	< 10	26	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number	2533053	2533054	2533055	2533056	2533057	2533058			
Sample Reference	ECTP23	ECTP23	ECTP24	ECTP24	ECTP24	ECTP24			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00			
Date Sampled	30/11/2022	30/11/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	2.9	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	70	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10	< 10	82	< 10	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

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Lab Sample Number			2533053	2533054	2533055	2533056	2533057	2533058
Sample Reference			ECTP23	ECTP23	ECTP24	ECTP24	ECTP24	ECTP24
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled			30/11/2022	30/11/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.15	0.15	0.27	0.06	< 0.05	0.18
Anthracene	mg/kg	0.05	MCERTS	0.05	0.05	0.06	< 0.05	< 0.05	0.09
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Lab Sample Number	2533053		2533054		2533055		2533056		2533057		2533058	
Sample Reference	ECTP23		ECTP23		ECTP24		ECTP24		ECTP24		ECTP24	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.50		3.00	
Date Sampled	30/11/2022		30/11/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.18	0.28	0.6	0.24	0.09	0.09	0.67	0.67	0.67
Pyrene	mg/kg	0.05	MCERTS	0.2	0.26	0.59	0.28	0.09	0.09	0.67	0.67	0.67
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.11	0.1	0.28	0.13	< 0.05	< 0.05	0.31	0.31	0.31
Chrysene	mg/kg	0.05	MCERTS	0.07	0.13	0.34	0.12	< 0.05	< 0.05	0.33	0.33	0.33
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.07	0.09	0.32	0.12	< 0.05	< 0.05	0.25	0.25	0.25
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.06	0.25	< 0.05	< 0.05	< 0.05	0.16	0.16	0.16
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.06	0.11	0.32	0.12	< 0.05	< 0.05	0.26	0.26	0.26
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.05	0.14	0.05	< 0.05	< 0.05	0.11	0.11	0.11
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.07	0.2	0.07	< 0.05	< 0.05	0.16	0.16	0.16

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2533059	2533060	2533061	2533062	2533063	2533064			
Sample Reference	ECTP25	ECTP25	ECTP25	ECTP25	ECTP26	ECTP26			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50			
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	27	< 0.1	56	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	9.5	11	8.2	13	9.7	11
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025						
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	WEM	WEM	N/A	N/A	KSZ	KSZ

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	10.5	9.6	9.3	8.8	7.6	8
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.066	-	0.048	-	0.08
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	130	-	96	-	160
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	65.8	-	48.1	-	80.4

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	4.9	5.7	7.3	7.8	12	27
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.2	< 0.2	0.5	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	14	12	15	10	18	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	15	13	15	10	18	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	22	29	39	21	48	91
Lead (aqua regia extractable)	mg/kg	1	MCERTS	150	470	450	14	120	130
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	23	26	39	11	39	42
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	85	120	760	32	140	160

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	2.3	< 2.0	3	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	8.5	10	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	34	58	82	< 8.0	38	86
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	40	67	95	< 10	49	91

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number	2533059	2533060	2533061	2533062	2533063	2533064
Sample Reference	ECTP25	ECTP25	ECTP25	ECTP25	ECTP26	ECTP26
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	22	50	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	23	55	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

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Lab Sample Number				2533059	2533060	2533061	2533062	2533063	2533064
Sample Reference				ECP25	ECP25	ECP25	ECP25	ECP26	ECP26
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Hexachlorbutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.07	< 0.05	0.24	0.13
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	0.3	0.2
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.05	0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.1	0.17	0.15	< 0.05	0.98	0.61
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.06	< 0.05	< 0.05	0.28	0.2
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Lab Sample Number			2533059	2533060	2533061	2533062	2533063	2533064
Sample Reference			ECTP25	ECTP25	ECTP25	ECTP25	ECTP26	ECTP26
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)			0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled			06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.19	0.38	0.28	< 0.05	2.1
Pyrene	mg/kg	0.05	MCERTS	0.22	0.43	0.3	< 0.05	2
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.13	0.19	0.17	< 0.05	1
Chrysene	mg/kg	0.05	MCERTS	0.1	0.23	0.16	< 0.05	1.1
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.13	0.22	0.17	< 0.05	0.99
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.05	0.1	0.1	< 0.05	0.72
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.12	0.24	0.17	< 0.05	1.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.09	0.08	< 0.05	0.47
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.12
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.15	0.14	< 0.05	0.54

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number			2533065	2533066	2533067	2533068	2533069	2533070	
Sample Reference			ECTP26	ECTP26	ECTP27	ECTP27	ECTP27	ECTP27	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00	
Date Sampled			06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	50	< 0.1	51	67	< 0.1	8.3
Moisture Content	%	0.01	NONE	8	13	7.4	8.8	12	16
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

	Type	N/A	ISO 17025						
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KSZ	KSZ	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5	8.1	9	9.8	8.9	8.5
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.077	-	0.33	-	0.16
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	150	-	670	-	330
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	76.9	-	334	-	163

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	46	11	25	52	4.1	7.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.5
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	46	11	26	11	11	16
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	47	11	26	11	11	16
Copper (aqua regia extractable)	mg/kg	1	MCERTS	130	43	160	300	13	63
Lead (aqua regia extractable)	mg/kg	1	MCERTS	170	35	160	220	11	19
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	52	15	50	29	10	15
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	230	88	260	320	47	140

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	0.078	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	3.1	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	22	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	20	< 8.0	37	180	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	20	< 10	42	200	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0

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Lab Sample Number			2533065	2533066	2533067	2533068	2533069	2533070	
Sample Reference			ECTP26	ECTP26	ECTP27	ECTP27	ECTP27	ECTP27	
Sample Number			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)			1.50	3.00	0.20	0.50	1.50	3.00	
Date Sampled			06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	
Time Taken			None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	8.6	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	42	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	53	110	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	13	< 10	58	170	< 10	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

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Lab Sample Number	2533065	2533066	2533067	2533068	2533069	2533070			
Sample Reference	ECTP26	ECTP26	ECTP27	ECTP27	ECTP27	ECTP27			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00			
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.6	0.4	< 0.1*	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05*	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.21	0.08	0.56*	1.7	< 0.05	0.18
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1*	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1*	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1*	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.3	< 0.1	0.6*	1.8	< 0.1	0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1*	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1*	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.06	< 0.05	0.06*	0.14	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.12*	2.8	< 0.05	0.2
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	1.4	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.05	< 0.05	0.12*	2.3	< 0.05	0.16
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.76	0.15	0.85*	16	0.23	0.23
Anthracene	mg/kg	0.05	MCERTS	0.25	0.08	0.27*	3.6	0.07	0.21
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3*	1.4	< 0.3	< 0.3

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Lab Sample Number	2533065	2533066	2533067	2533068	2533069	2533070			
Sample Reference	ECTP26	ECTP26	ECTP27	ECTP27	ECTP27	ECTP27			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00			
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2*	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3*	1.5	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	1.4	0.38	1.1*	12	0.43	0.95
Pyrene	mg/kg	0.05	MCERTS	1.3	0.43	1.1*	13	0.48	1.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3*	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.65	0.21	0.56*	5.7	0.25	0.51
Chrysene	mg/kg	0.05	MCERTS	0.76	0.19	0.71*	4.7	0.24	0.46
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.61	0.18	1*	4.2	0.25	0.42
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.51	0.12	0.39*	2.5	0.12	0.22
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.64	0.22	1.1*	4.6	0.23	0.45
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.33	0.09	0.75*	1.9	0.11	0.18
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.08	< 0.05	0.14*	0.53	< 0.05	0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.41	0.13	1*	2.7	0.16	0.26

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2533071		2533072		2533073		2533074		2533075		2533076	
Sample Reference	ECTP28		ECTP28		ECTP28		ECTP28		ECTP29		ECTP29	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		2.00		0.20		0.50	
Date Sampled	06/12/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	24
Moisture Content	%	0.01	NONE	14	11	14	17	13	13	13	12	12
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025							Chrysotile-Loose Fibrous Debris
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Detected	
Asbestos Analyst ID	N/A	N/A	N/A	KSZ	KSZ	N/A	N/A	KSZ	KSZ	

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	8.8	8.8	8.8	8.8	8.7
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.027	-	0.056	-	0.016
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	54	-	110	-	31
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	26.9	-	55.8	-	15.7

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	39	19	7.1	7.1	15	13
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.8	< 0.2	< 0.2	< 0.2	1.3	0.5
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	22	11	16	17	22	21
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	11	16	17	24	22
Copper (aqua regia extractable)	mg/kg	1	MCERTS	230	140	21	15	69	53
Lead (aqua regia extractable)	mg/kg	1	MCERTS	290	39	14	15	130	88
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	57	15	16	18	100	53
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	460	190	58	52	300	140

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	2.3	< 1.0	< 1.0	< 1.0	< 1.0	1.3
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	26	< 2.0	< 2.0	< 2.0	17	17
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	32	< 8.0	< 8.0	< 8.0	71	64
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	110	< 8.0	< 8.0	< 8.0	130	170
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	170	< 10	< 10	< 10	220	250

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number	2533071	2533072	2533073	2533074	2533075	2533076			
Sample Reference	ECTP28	ECTP28	ECTP28	ECTP28	ECTP29	ECTP29			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	2.00	0.20	0.50			
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	21	< 2.0	< 2.0	< 2.0	6.6	2.6
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	29	< 10	< 10	< 10	45	35
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	110	< 10	< 10	< 10	170	170
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	160	< 10	< 10	< 10	220	210

VOCs

Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

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Lab Sample Number				2533071	2533072	2533073	2533074	2533075	2533076
Sample Reference				ECTP28	ECTP28	ECTP28	ECTP28	ECTP29	ECTP29
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled				06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p-Propiyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Hexachlorbutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1*	0.5	0.7	0.5	< 0.1*	0.3*
Phenol	mg/kg	0.2	ISO 17025	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1*	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1*
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1*	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1*
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1*	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1*
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05*	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05*
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
4-Methylphenol	mg/kg	0.2	NONE	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
Isophorone	mg/kg	0.2	MCERTS	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
Naphthalene	mg/kg	0.05	MCERTS	0.78*	< 0.05	< 0.05	< 0.05	0.1*	0.1*
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1*	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1*
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1*	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1*
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1*	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1*
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1*	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1*
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
2-Methylnaphthalene	mg/kg	0.1	NONE	1.1*	0.1	< 0.1	< 0.1	0.2*	0.1*
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1*	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1*
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1*	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1*
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1*	< 0.1	< 0.1	< 0.1	< 0.1*	< 0.1*
Acenaphthylene	mg/kg	0.05	MCERTS	0.18*	< 0.05	< 0.05	< 0.05	0.05*	< 0.05*
Acenaphthene	mg/kg	0.05	MCERTS	0.21*	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05*
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
Dibenzofuran	mg/kg	0.2	MCERTS	0.5*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
Fluorene	mg/kg	0.05	MCERTS	0.23*	< 0.05	< 0.05	< 0.05	< 0.05*	< 0.05*
Azobenzene	mg/kg	0.3	NONE	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
Phenanthrene	mg/kg	0.05	MCERTS	1.4*	0.19	0.1	0.1	0.3*	0.78*
Anthracene	mg/kg	0.05	MCERTS	0.67*	0.11	< 0.05	0.07	0.09*	0.23*
Carbazole	mg/kg	0.3	MCERTS	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*

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Lab Sample Number				2533071	2533072	2533073	2533074	2533075	2533076
Sample Reference				ECTP28	ECTP28	ECTP28	ECTP28	ECTP29	ECTP29
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled				06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2*	< 0.2	< 0.2	< 0.2	< 0.2*	< 0.2*
Anthraquinone	mg/kg	0.3	NONE	0.5*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
Fluoranthene	mg/kg	0.05	MCERTS	3.5*	0.49	0.22	0.28	0.64*	1.2*
Pyrene	mg/kg	0.05	MCERTS	3.2*	0.5	0.23	0.36	0.67*	1*
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3*	< 0.3	< 0.3	< 0.3	< 0.3*	< 0.3*
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.2*	0.23	0.1	0.14	0.32*	0.67*
Chrysene	mg/kg	0.05	MCERTS	1.6*	0.27	0.09	0.13	0.42*	0.51*
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1.4*	0.22	0.1	0.12	0.55*	0.62*
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.49*	0.16	0.05	0.06	0.15*	0.3*
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.87*	0.22	0.11	0.13	0.39*	0.46*
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.41*	0.1	< 0.05	0.05	0.27*	0.22*
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.11*	< 0.05	< 0.05	< 0.05	0.05*	0.07*
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.5*	0.14	0.07	0.09	0.34*	0.33*

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2533077	2533078	2533079	2533080	2533081	2533082
Sample Reference	ECTP29	ECTP29	ECTP30	ECTP30	ECTP30	ECTP30
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	2.50	0.20	0.50	1.50	2.00
Date Sampled	06/12/2022	06/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	12	8.9
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	Amosite- Loose Fibres	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Detected	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KSZ	KSZ	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.6	7.8	7.5	7.3	7.3	6.8
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.065	-	0.0019	-	0.0026
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	130	-	3.8	-	5.1
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	65.4	-	1.9	-	2.6

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.3	7.3	8	6.6	4.8	6.2
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	9.6	9.1	24	24	26	30
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	9.8	9.1	25	24	26	30
Copper (aqua regia extractable)	mg/kg	1	MCERTS	22	21	22	14	4.3	9.5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	21	19	230	59	5.2	11
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	15	11	33	31	32	37
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	38	30	120	72	28	39

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	0.99	0.1	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	59	48	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	250	220	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	230	230	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	340	310	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	880	800	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	0.021	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	45	9.8	4.3	< 1.0	< 1.0	< 1.0

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Project / Site name: Ardrossan

Lab Sample Number	2533077	2533078	2533079	2533080	2533081	2533082			
Sample Reference	ECTP29	ECTP29	ECTP30	ECTP30	ECTP30	ECTP30			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	2.50	0.20	0.50	1.50	2.00			
Date Sampled	06/12/2022	06/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	230	100	8.2	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	420	220	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	680	300	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	1400	630	13	< 10	< 10	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

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Project / Site name: Ardrossan

Lab Sample Number	2533077		2533078		2533079		2533080		2533081		2533082	
Sample Reference	ECTP29		ECTP29		ECTP30		ECTP30		ECTP30		ECTP30	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		2.50		0.20		0.50		1.50		2.00	
Date Sampled	06/12/2022		06/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.59	0.53	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.66	0.54	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	1.1	1.7	0.05	0.08	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.15	0.66	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Project / Site name: Ardrossan

Lab Sample Number				2533077	2533078	2533079	2533080	2533081	2533082
Sample Reference				ECTP29	ECTP29	ECTP30	ECTP30	ECTP30	ECTP30
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	2.50	0.20	0.50	1.50	2.00
Date Sampled				06/12/2022	06/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.3	2.6	0.09	0.22	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.4	2.4	0.09	0.21	< 0.05	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.4	1.1	< 0.05	0.12	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.43	1	< 0.05	0.1	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.1	0.96	< 0.05	0.13	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.05	0.44	< 0.05	0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	1	< 0.05	0.12	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.43	< 0.05	0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.61	< 0.05	0.06	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

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Lab Sample Number	2533083	2533084	2533085	2533086	2533087	2533088
Sample Reference	ECTP31	ECTP31	ECTP31	ECTP31	ECTP32	ECTP32
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8.9	10	13
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025						
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	PDO	PDO	N/A	N/A	PDO	PDO

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8	7.2	6.8	6.9	7	6.9
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0013	-	0.0042	-	0.014
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	2.6	-	8.4	-	28
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	1.3	-	4.2	-	14.2

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	12	4.9	6	7	6	5.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	21	28	27	30	21	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	21	29	27	30	21	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	91	3.3	5.7	6.3	17	4.3
Lead (aqua regia extractable)	mg/kg	1	MCERTS	210	9.6	11	26	20	26
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	35	34	32	36	26	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	200	63	36	37	52	32

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	9.2	130
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	30	340
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	90	< 8.0	< 8.0	< 8.0	44	550
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	93	< 10	< 10	< 10	83	1000

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number	2533083	2533084	2533085	2533086	2533087	2533088
Sample Reference	ECTP31	ECTP31	ECTP31	ECTP31	ECTP32	ECTP32
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	36	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	37	< 10	< 10

VOCs

Parameter	Units	Limit of detection	Accreditation Status					
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0

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Lab Sample Number	2533083	2533084	2533085	2533086	2533087	2533088
Sample Reference	ECTP31	ECTP31	ECTP31	ECTP31	ECTP32	ECTP32
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.12	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	2.2	< 0.05	< 0.05	< 0.05	0.13	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.47	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Lab Sample Number				2533083	2533084	2533085	2533086	2533087	2533088
Sample Reference				ECTP31	ECTP31	ECTP31	ECTP31	ECTP32	ECTP32
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	3.4	< 0.05	< 0.05	< 0.05	0.26	< 0.05
Pyrene	mg/kg	0.05	MCERTS	3.1	< 0.05	< 0.05	< 0.05	0.28	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.6	< 0.05	< 0.05	< 0.05	0.13	< 0.05
Chrysene	mg/kg	0.05	MCERTS	1.5	< 0.05	< 0.05	< 0.05	0.2	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1.4	< 0.05	< 0.05	< 0.05	0.15	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.85	< 0.05	< 0.05	< 0.05	0.07	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.3	< 0.05	< 0.05	< 0.05	0.14	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.59	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.17	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.71	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number		2533089	2533090
Sample Reference		ECTP32	ECTP32
Sample Number		None Supplied	None Supplied
Depth (m)		1.50	3.00
Date Sampled		01/12/2022	01/12/2022
Time Taken		None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status
Stone Content	%	0.1	NONE
Moisture Content	%	0.01	NONE
Total mass of sample received	kg	0.001	NONE

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7	7.2
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0066
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	13
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	6.6

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.6	6.5
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	24	26
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	24	26
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.4	3.8
Lead (aqua regia extractable)	mg/kg	1	MCERTS	13	17
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	28	31
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	32	39

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0

Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number		2533089	2533090		
Sample Reference		ECTP32	ECTP32		
Sample Number		None Supplied	None Supplied		
Depth (m)		1.50	3.00		
Date Sampled		01/12/2022	01/12/2022		
Time Taken		None Supplied	None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH_CU_ID_AR}	mg/kg	10	MCERTS	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH_CU+HS_ID_AR}	mg/kg	10	NONE	< 10	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0

Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number		2533089	2533090		
Sample Reference		ECTP32	ECTP32		
Sample Number		None Supplied	None Supplied		
Depth (m)		1.50	3.00		
Date Sampled		01/12/2022	01/12/2022		
Time Taken		None Supplied	None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3

Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number				2533089	2533090
Sample Reference				ECTP32	ECTP32
Sample Number				None Supplied	None Supplied
Depth (m)				1.50	3.00
Date Sampled				01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.1
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.09
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.06
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.



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Environmental Science

Analytical Report Number : 22-13238**Project / Site name: Ardrossan**

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2532963	ECTP1	None Supplied	0.2	Brown sandy loam with vegetation.
2532964	ECTP1	None Supplied	0.5	Brown sandy loam with vegetation.
2532965	ECTP1	None Supplied	1	Brown sand with vegetation.
2532966	ECTP1	None Supplied	1.5	Brown sand.
2532967	ECTP2	None Supplied	0.2	Brown clay and loam with gravel and vegetation.
2532968	ECTP2	None Supplied	0.5	Brown clay and sand with gravel and tar.
2532969	ECTP2	None Supplied	1.5	Brown sandy clay with gravel.
2532970	ECTP2	None Supplied	3	Brown sandy clay with gravel.
2532971	ECTP3	None Supplied	0.2	Brown loam and sand with gravel and stones.
2532972	ECTP3	None Supplied	0.5	Brown clay and sand with gravel.
2532973	ECTP3	None Supplied	1	Brown sandy clay.
2532974	ECTP3	None Supplied	1.5	Brown sandy clay.
2532975	ECTP4	None Supplied	0.2	Brown loam and sand with gravel.
2532976	ECTP4	None Supplied	0.5	Brown loam and clay with gravel.
2532977	ECTP4	None Supplied	1	Brown loam and sand with gravel and brick.
2532978	ECTP4	None Supplied	1.5	Grey clay and sand with gravel.
2532979	ECTP5	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2532980	ECTP5	None Supplied	0.5	Brown loam and sand with gravel and tar.
2532981	ECTP5	None Supplied	1	Brown clay and sand with gravel and tar.
2532982	ECTP5	None Supplied	1.5	Brown clay and sand with gravel and brick.
2532983	ECTP6	None Supplied	0.2	Brown loam and sand with gravel and tar.
2532984	ECTP6	None Supplied	0.5	Brown loam and sand with gravel and tar.
2532985	ECTP6	None Supplied	1.5	Grey clay and sand with gravel.
2532986	ECTP6	None Supplied	2	Grey clay and sand.
2532987	ECTP7	None Supplied	0.2	Brown loam and sand with gravel and stones.
2532988	ECTP7	None Supplied	0.5	Brown clay and sand with gravel.
2532989	ECTP7	None Supplied	1.5	Brown sandy clay with gravel and stones.
2532990	ECTP7	None Supplied	3	Brown clay and sand with stones.
2532991	ECTP8	None Supplied	0.2	Brown sand.
2532992	ECTP8	None Supplied	0.5	Brown sand with gravel.
2532993	ECTP8	None Supplied	1.5	Brown sand with gravel and vegetation.
2532994	ECTP8	None Supplied	3	Brown sand.
2532995	ECTP9	None Supplied	0.2	Brown sand.
2532996	ECTP9	None Supplied	0.5	Brown sand.
2532997	ECTP9	None Supplied	1.5	Brown sandy clay.
2532998	ECTP9	None Supplied	3	Brown sand.
2532999	ECTP10	None Supplied	0.2	Brown loam and sand with gravel and brick.
2533000	ECTP10	None Supplied	0.5	Brown loam and sand with gravel and stones.
2533001	ECTP10	None Supplied	1.5	Brown clay and sand with gravel.
2533002	ECTP10	None Supplied	3	Brown clay and sand.
2533003	ECTP11	None Supplied	0.2	Brown sand.
2533004	ECTP11	None Supplied	0.5	Brown sand.
2533005	ECTP11	None Supplied	1.5	Brown sand.
2533006	ECTP11	None Supplied	3	Brown sand.
2533007	ECTP12	None Supplied	0.2	Brown sand.
2533008	ECTP12	None Supplied	0.5	Brown sand with stones.
2533009	ECTP12	None Supplied	1.5	Grey sandy clay with gravel.
2533010	ECTP12	None Supplied	3	Brown sand.
2533011	ECTP13	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533012	ECTP13	None Supplied	0.5	Brown loam and sand with gravel and vegetation.
2533013	ECTP13	None Supplied	1.5	Brown sand with gravel.
2533014	ECTP13	None Supplied	3	Brown sand.
2533015	ECTP14	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
2533016	ECTP14	None Supplied	0.5	Brown sand.
2533017	ECTP14	None Supplied	1.5	Brown sand.
2533018	ECTP14	None Supplied	3	Brown sand.
2533019	ECTP15	None Supplied	0.2	Brown clay and sand with gravel and vegetation.
2533020	ECTP15	None Supplied	0.5	Brown loam and clay with gravel and vegetation.



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Environmental Science

Analytical Report Number : 22-13238**Project / Site name: Ardrossan**

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2533021	ECTP15	None Supplied	1.5	Brown sand.
2533022	ECTP15	None Supplied	3	Brown sand.
2533023	ECTP16	None Supplied	0.2	Brown loam and sand with gravel and brick.
2533024	ECTP16	None Supplied	0.5	Brown loam and clay with gravel.
2533025	ECTP16	None Supplied	1.5	Light brown sand.
2533026	ECTP16	None Supplied	3	Light brown sand.
2533027	ECTP17	None Supplied	0.2	Brown loam and sand with gravel and tar.
2533028	ECTP17	None Supplied	0.5	Brown clay and loam with vegetation.
2533029	ECTP17	None Supplied	1.5	Brown loam and sand with gravel.
2533030	ECTP17	None Supplied	3	Brown sand with gravel.
2533031	ECTP18	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
2533032	ECTP18	None Supplied	0.5	Brown loam and clay with gravel and vegetation.
2533033	ECTP18	None Supplied	1.5	Brown sandy loam with gravel.
2533034	ECTP18	None Supplied	3	Brown sand with gravel and vegetation.
2533035	ECTP19	None Supplied	0.2	Brown clay and sand with gravel.
2533036	ECTP19	None Supplied	0.5	Brown clay and sand with gravel.
2533037	ECTP19	None Supplied	1.5	Light brown sandy clay.
2533038	ECTP19	None Supplied	4	Brown sandy clay with gravel and vegetation.
2533039	ECTP20	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533040	ECTP20	None Supplied	0.5	Brown sandy clay with gravel and vegetation.
2533041	ECTP20	None Supplied	1.5	Brown sandy clay with gravel and stones.
2533042	ECTP20	None Supplied	3	Brown sand with gravel.
2533043	ECTP21	None Supplied	0.2	Brown clay and sand with gravel.
2533044	ECTP21	None Supplied	0.5	Brown loam and clay with gravel and vegetation.
2533045	ECTP21	None Supplied	1.5	Light brown sand.
2533046	ECTP21	None Supplied	3	Light brown sand.
2533047	ECTP22	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533048	ECTP22	None Supplied	0.5	Brown sand.
2533049	ECTP22	None Supplied	1.5	Brown sand with gravel.
2533050	ECTP22	None Supplied	3	Grey sand.
2533051	ECTP23	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533052	ECTP23	None Supplied	0.5	Brown sand.
2533053	ECTP23	None Supplied	1.5	Brown sand.
2533054	ECTP23	None Supplied	3	Brown sand with gravel.
2533055	ECTP24	None Supplied	0.2	Brown loam and sand with gravel.
2533056	ECTP24	None Supplied	0.5	Brown clay and sand with gravel.
2533057	ECTP24	None Supplied	1.5	Brown clay and sand with gravel.
2533058	ECTP24	None Supplied	3	Brown clay and sand.
2533059	ECTP25	None Supplied	0.2	Brown loam and sand with gravel and brick.
2533060	ECTP25	None Supplied	0.5	Brown loam and sand with gravel.
2533061	ECTP25	None Supplied	1.5	Brown loam and sand with gravel and stones.
2533062	ECTP25	None Supplied	3	Brown sandy clay.
2533063	ECTP26	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533064	ECTP26	None Supplied	0.5	Brown loam and sand with gravel and vegetation.
2533065	ECTP26	None Supplied	1.5	Brown loam and clay with gravel and vegetation.
2533066	ECTP26	None Supplied	3	Brown sandy clay with gravel.
2533067	ECTP27	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533068	ECTP27	None Supplied	0.5	Brown loam and sand with stones.
2533069	ECTP27	None Supplied	1.5	Brown clay and sand.
2533070	ECTP27	None Supplied	3	Brown gravelly clay with stones.
2533071	ECTP28	None Supplied	0.2	Brown loam and sand with gravel and tar.
2533072	ECTP28	None Supplied	0.5	Brown clay and sand with clinker and gravel
2533073	ECTP28	None Supplied	1.5	Brown clay and sand with gravel.
2533074	ECTP28	None Supplied	2	Brown clay and sand.
2533075	ECTP29	None Supplied	0.2	Brown loam and sand with clinker and gravel
2533076	ECTP29	None Supplied	0.5	Brown gravelly loam with brick and stones.
2533077	ECTP29	None Supplied	1.5	Brown clay and sand with gravel.
2533078	ECTP29	None Supplied	2.5	Brown clay and sand with gravel and brick.

Analytical Report Number : 22-13238
Project / Site name: Ardrossan

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2533079	ECTP30	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533080	ECTP30	None Supplied	0.5	Brown sandy loam with vegetation.
2533081	ECTP30	None Supplied	1.5	Light brown sand.
2533082	ECTP30	None Supplied	2	Light brown sand.
2533083	ECTP31	None Supplied	0.2	Brown sandy loam with vegetation.
2533084	ECTP31	None Supplied	0.5	Brown sand.
2533085	ECTP31	None Supplied	1.5	Brown sand.
2533086	ECTP31	None Supplied	2	Brown sand.
2533087	ECTP32	None Supplied	0.2	Brown sand.
2533088	ECTP32	None Supplied	0.5	Brown sand with gravel.
2533089	ECTP32	None Supplied	1.5	Brown sand.
2533090	ECTP32	None Supplied	3	Brown sand with gravel.

Analytical Report Number : 22-13238
Project / Site name: Ardrossan

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds in soil by extraction in dichloromethane and hexane followed by GC-MS.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS. Individual components MCERTS accredited	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Sulphate, water soluble, in soil (1hr extraction)	Sulphate, water soluble, in soil (1hr extraction)	In-house method	L038-PL	D	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Information in Support of Analytical Results

Analytical Report Number : 22-13238
Project / Site name: Ardrossan

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

Sample Deviation Report



Analytical Report Number : 22-13238

Project / Site name: Ardrossan

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
ECTP10	None Supplied	S	2532999	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP10	None Supplied	S	2533000	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP10	None Supplied	S	2533000	c	Volatile organic compounds in soil	L073B-PL	c
ECTP10	None Supplied	S	2533001	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP10	None Supplied	S	2533001	c	Volatile organic compounds in soil	L073B-PL	c
ECTP10	None Supplied	S	2533002	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP10	None Supplied	S	2533002	c	Volatile organic compounds in soil	L073B-PL	c
ECTP11	None Supplied	S	2533003	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP11	None Supplied	S	2533004	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP11	None Supplied	S	2533004	c	Volatile organic compounds in soil	L073B-PL	c
ECTP11	None Supplied	S	2533005	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP11	None Supplied	S	2533005	c	Volatile organic compounds in soil	L073B-PL	c
ECTP11	None Supplied	S	2533006	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP11	None Supplied	S	2533006	c	Volatile organic compounds in soil	L073B-PL	c
ECTP14	None Supplied	S	2533015	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP14	None Supplied	S	2533016	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP14	None Supplied	S	2533016	c	Volatile organic compounds in soil	L073B-PL	c
ECTP14	None Supplied	S	2533017	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP14	None Supplied	S	2533017	c	Volatile organic compounds in soil	L073B-PL	c
ECTP14	None Supplied	S	2533018	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP14	None Supplied	S	2533018	c	Volatile organic compounds in soil	L073B-PL	c
ECTP15	None Supplied	S	2533019	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP15	None Supplied	S	2533020	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP15	None Supplied	S	2533020	c	Volatile organic compounds in soil	L073B-PL	c
ECTP15	None Supplied	S	2533021	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP15	None Supplied	S	2533021	c	Volatile organic compounds in soil	L073B-PL	c
ECTP15	None Supplied	S	2533022	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP15	None Supplied	S	2533022	c	Volatile organic compounds in soil	L073B-PL	c
ECTP16	None Supplied	S	2533023	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP16	None Supplied	S	2533024	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP16	None Supplied	S	2533024	c	Volatile organic compounds in soil	L073B-PL	c
ECTP16	None Supplied	S	2533025	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP16	None Supplied	S	2533025	c	Volatile organic compounds in soil	L073B-PL	c
ECTP16	None Supplied	S	2533026	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP16	None Supplied	S	2533026	c	Volatile organic compounds in soil	L073B-PL	c
ECTP17	None Supplied	S	2533027	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP17	None Supplied	S	2533028	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP17	None Supplied	S	2533028	c	Volatile organic compounds in soil	L073B-PL	c
ECTP17	None Supplied	S	2533029	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP17	None Supplied	S	2533029	c	Volatile organic compounds in soil	L073B-PL	c
ECTP17	None Supplied	S	2533030	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP17	None Supplied	S	2533030	c	Volatile organic compounds in soil	L073B-PL	c
ECTP18	None Supplied	S	2533031	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP18	None Supplied	S	2533032	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP18	None Supplied	S	2533032	c	Volatile organic compounds in soil	L073B-PL	c
ECTP18	None Supplied	S	2533033	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP18	None Supplied	S	2533033	c	Volatile organic compounds in soil	L073B-PL	c
ECTP18	None Supplied	S	2533034	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP18	None Supplied	S	2533034	c	Volatile organic compounds in soil	L073B-PL	c
ECTP19	None Supplied	S	2533035	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP19	None Supplied	S	2533036	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP19	None Supplied	S	2533036	c	Volatile organic compounds in soil	L073B-PL	c
ECTP19	None Supplied	S	2533037	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP19	None Supplied	S	2533037	c	Volatile organic compounds in soil	L073B-PL	c
ECTP19	None Supplied	S	2533038	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP19	None Supplied	S	2533038	c	Volatile organic compounds in soil	L073B-PL	c
ECTP20	None Supplied	S	2533039	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP20	None Supplied	S	2533040	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP20	None Supplied	S	2533040	c	Volatile organic compounds in soil	L073B-PL	c

Sample Deviation Report



Analytical Report Number : 22-13238

Project / Site name: Ardrossan

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
ECTP20	None Supplied	S	2533041	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP20	None Supplied	S	2533041	c	Volatile organic compounds in soil	L073B-PL	c
ECTP20	None Supplied	S	2533042	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP20	None Supplied	S	2533042	c	Volatile organic compounds in soil	L073B-PL	c
ECTP21	None Supplied	S	2533043	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP21	None Supplied	S	2533044	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP21	None Supplied	S	2533044	c	Volatile organic compounds in soil	L073B-PL	c
ECTP21	None Supplied	S	2533045	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP21	None Supplied	S	2533045	c	Volatile organic compounds in soil	L073B-PL	c
ECTP21	None Supplied	S	2533046	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP21	None Supplied	S	2533046	c	Volatile organic compounds in soil	L073B-PL	c
ECTP23	None Supplied	S	2533051	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP23	None Supplied	S	2533052	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP23	None Supplied	S	2533052	c	Volatile organic compounds in soil	L073B-PL	c
ECTP23	None Supplied	S	2533053	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP23	None Supplied	S	2533053	c	Volatile organic compounds in soil	L073B-PL	c
ECTP23	None Supplied	S	2533054	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP23	None Supplied	S	2533054	c	Volatile organic compounds in soil	L073B-PL	c
ECTP24	None Supplied	S	2533055	a	None Supplied	None Supplied	None Supplied
ECTP6	None Supplied	S	2532983	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP6	None Supplied	S	2532984	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP6	None Supplied	S	2532984	c	Volatile organic compounds in soil	L073B-PL	c
ECTP6	None Supplied	S	2532985	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP6	None Supplied	S	2532985	c	Volatile organic compounds in soil	L073B-PL	c
ECTP6	None Supplied	S	2532986	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP6	None Supplied	S	2532986	c	Volatile organic compounds in soil	L073B-PL	c
ECTP7	None Supplied	S	2532987	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP7	None Supplied	S	2532988	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP7	None Supplied	S	2532988	c	Volatile organic compounds in soil	L073B-PL	c
ECTP7	None Supplied	S	2532989	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP7	None Supplied	S	2532989	c	Volatile organic compounds in soil	L073B-PL	c
ECTP7	None Supplied	S	2532990	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP7	None Supplied	S	2532990	c	Volatile organic compounds in soil	L073B-PL	c
ECTP8	None Supplied	S	2532991	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP8	None Supplied	S	2532992	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP8	None Supplied	S	2532992	c	Volatile organic compounds in soil	L073B-PL	c
ECTP8	None Supplied	S	2532993	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP8	None Supplied	S	2532993	c	Volatile organic compounds in soil	L073B-PL	c
ECTP8	None Supplied	S	2532994	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP8	None Supplied	S	2532994	c	Volatile organic compounds in soil	L073B-PL	c
ECTP9	None Supplied	S	2532995	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP9	None Supplied	S	2532996	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP9	None Supplied	S	2532996	c	Volatile organic compounds in soil	L073B-PL	c
ECTP9	None Supplied	S	2532997	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP9	None Supplied	S	2532997	c	Volatile organic compounds in soil	L073B-PL	c
ECTP9	None Supplied	S	2532998	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP9	None Supplied	S	2532998	c	Volatile organic compounds in soil	L073B-PL	c



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Analytical Report Number : 22-13341

Replaces Analytical Report Number: 22-13341, issue no. 1
Client sampling date amended.

Project / Site name:	Ardrossan	Samples received on:	14/12/2022
Your job number:		Samples instructed on/ Analysis started on:	14/12/2022
Your order number:		Analysis completed by:	13/01/2023
Report Issue Number:	2	Report issued on:	13/01/2023
Samples Analysed:	64 soil samples		

Signed:

Ashleigh Cunningham
Customer Service Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533910	2533911	2533912	2533913	2533914	2533915
Sample Reference	ECBH1	ECBH1	ECBH1	ECBH2	ECBH2	ECBH2
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	6.7	14
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	Not-detected	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	LFT	LFT	N/A	LFT	LFT	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.7	8.3	6.9	8.5	8.4	8.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	59	-	130	-	170
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.03	-	0.067	-	0.084
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	29.5	-	67.2	-	83.5

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.6	9	5.4	8.3	6.9	5.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.4	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	15	38	29	30	35	29
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	15	38	29	31	35	29
Copper (aqua regia extractable)	mg/kg	1	MCERTS	29	4.2	3.5	17	3.7	4.4
Lead (aqua regia extractable)	mg/kg	1	MCERTS	53	9.5	6.4	72	12	13
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	0.5	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	15	43	32	39	40	30
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	68	42	33	190	46	35

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	0.2	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	63	< 1.0	< 1.0	< 1.0	< 1.0	3.1
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	360	< 2.0	< 2.0	< 2.0	< 2.0	21
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	250	< 8.0	< 8.0	< 8.0	< 8.0	9.2
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	52	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	720	< 10	< 10	< 10	< 10	36
TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	3.7	< 1.0	< 1.0	< 1.0	< 1.0	2
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	92	< 2.0	< 2.0	< 2.0	< 2.0	9.2

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533910	2533911	2533912	2533913	2533914	2533915
Sample Reference	ECBH1	ECBH1	ECBH1	ECBH2	ECBH2	ECBH2
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	89	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	12	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	200	< 10	< 10

VOCs*

Parameter	Units	Limit of detection	Accreditation Status					
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533910	2533911	2533912	2533913	2533914	2533915			
Sample Reference	ECBH1	ECBH1	ECBH1	ECBH2	ECBH2	ECBH2			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00			
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.2	< 0.1	< 0.1	0.3	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.17	< 0.05	< 0.05	0.09	< 0.05	0.73
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	0.1	< 0.1	1.9
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.44	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.19	< 0.05	0.12
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.67	< 0.05	< 0.05	0.64	< 0.05	0.21
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.65	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number				2533910	2533911	2533912	2533913	2533914	2533915
Sample Reference				ECBH1	ECBH1	ECBH1	ECBH2	ECBH2	ECBH2
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled				29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.47	< 0.05	< 0.05	1	< 0.05	0.06
Pyrene	mg/kg	0.05	MCERTS	0.59	< 0.05	< 0.05	0.71	< 0.05	0.09
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.21	< 0.05	< 0.05	0.47	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.25	< 0.05	< 0.05	0.4	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.24	< 0.05	< 0.05	0.37	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.13	< 0.05	< 0.05	0.19	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.19	< 0.05	< 0.05	0.32	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.17	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

**Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533916	2533917	2533918	2533919	2533920	2533921
Sample Reference	ECBH2	ECBH3	ECBH3	ECBH3	ECBH3	ECBH4
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	7.00	3.00	4.00	6.00	7.00	3.00
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	25/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	18	5.9	5.8
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	Not-detected	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	LFT	PDO	N/A	N/A	PDO

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7	9.7	7.9	7.7	8.1	8.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	170	-	55	-	190
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.084	-	0.027	-	0.093
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	84.4	-	27.4	-	93.3

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.8	7	5.9	6.7	6.8	6.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	26	27	31	30	33	31
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	26	27	31	30	33	32
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.8	8.9	2.6	3.7	4.4	14
Lead (aqua regia extractable)	mg/kg	1	MCERTS	16	26	4.8	8.7	12	71
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	29	30	35	33	MCERTS	37
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	39	60	28	39	42	210

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number				2533916	2533917	2533918	2533919	2533920	2533921			
Sample Reference				ECBH2	ECBH3	ECBH3	ECBH3	ECBH3	ECBH4			
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)				7.00	3.00	4.00	6.00	7.00	3.00			
Date Sampled				29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	25/11/2022			
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
				TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
				TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
				TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

VOCS*

Analytical Parameter	Units	Limit of detection	Accreditation Status	2533916	2533917	2533918	2533919	2533920	2533921
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533916	2533917	2533918	2533919	2533920	2533921			
Sample Reference	ECBH2	ECBH3	ECBH3	ECBH3	ECBH3	ECBH4			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	7.00	3.00	4.00	6.00	7.00	3.00			
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	25/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	0.5	0.1	0.6	0.1	0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.22	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.05	0.07	< 0.05	< 0.05	< 0.05	0.07
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533916	2533917	2533918	2533919	2533920	2533921			
Sample Reference	ECBH2	ECBH3	ECBH3	ECBH3	ECBH3	ECBH4			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	7.00	3.00	4.00	6.00	7.00	3.00			
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	25/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.07	0.08	< 0.05	< 0.05	0.05	0.08
Pyrene	mg/kg	0.05	MCERTS	0.08	0.08	< 0.05	< 0.05	0.05	0.08
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

**Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533922	2533923	2533924	2533925	2533926	2533927
Sample Reference	ECBH4	ECBH4	ECBH5	ECBH5	ECBH5	ECBH6
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	4.00	6.00	3.00	4.00	6.00	3.00
Date Sampled	25/11/2022	25/11/2022	25/11/2022	25/11/2022	25/11/2022	28/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	19	14
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	Not-detected	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	PDO	N/A	PDO	PDO	N/A	PDO

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	7.9	7.9	7.9	6.3	7.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	410	64	-	570	82
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.21	0.032	-	0.29	0.041
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	207	32.1	-	287	41.2

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	15	8.2	7.4	8.9	6.8	12
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.4
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	39	35	29	38	23	33
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	39	35	29	38	23	33
Copper (aqua regia extractable)	mg/kg	1	MCERTS	6.8	5.3	22	5	6.1	30
Lead (aqua regia extractable)	mg/kg	1	MCERTS	100	8.3	62	14	7.2	46
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	43	40	35	43	27	21
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	54	39	84	67	29	140

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	8.8	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	500	< 2.0	< 2.0	< 2.0	< 2.0	40
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	650	< 8.0	< 8.0	< 8.0	< 8.0	73
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	420	< 8.0	< 8.0	< 8.0	< 8.0	83
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	1700	< 10	< 10	< 10	< 10	200

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	320	< 2.0	< 2.0	< 2.0	< 2.0	10

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533922		2533923		2533924		2533925		2533926		2533927	
Sample Reference	ECBH4		ECBH4		ECBH5		ECBH5		ECBH5		ECBH6	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	4.00		6.00		3.00		4.00		6.00		3.00	
Date Sampled	25/11/2022		25/11/2022		25/11/2022		25/11/2022		25/11/2022		28/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	560	< 10	< 10	< 10	< 10	< 10	< 10	< 10	48
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	500	< 10	21	< 10	< 10	< 10	< 10	< 10	110
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	1500	< 10	24	< 10	< 10	< 10	< 10	< 10	170

VOCS*

	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Chloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Chloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Cis-1,2-dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533922	2533923	2533924	2533925	2533926	2533927			
Sample Reference	ECBH4	ECBH4	ECBH5	ECBH5	ECBH5	ECBH6			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	4.00	6.00	3.00	4.00	6.00	3.00			
Date Sampled	25/11/2022	25/11/2022	25/11/2022	25/11/2022	25/11/2022	28/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	0.1	< 0.1	0.4	0.6	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	4.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	10	0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	1.7	< 0.05	0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	3.2	< 0.05	0.25	0.11	0.05	0.07
Anthracene	mg/kg	0.05	MCERTS	0.57	< 0.05	0.09	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533922	2533923	2533924	2533925	2533926	2533927			
Sample Reference	ECBH4	ECBH4	ECBH5	ECBH5	ECBH5	ECBH6			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	4.00	6.00	3.00	4.00	6.00	3.00			
Date Sampled	25/11/2022	25/11/2022	25/11/2022	25/11/2022	25/11/2022	28/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.47	< 0.05	0.68	0.24	0.13	0.11
Pyrene	mg/kg	0.05	MCERTS	0.7	< 0.05	0.81	0.23	0.13	0.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.19	< 0.05	0.36	0.11	0.07	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.36	< 0.05	0.4	0.14	0.07	0.06
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.65	0.11	0.07	0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.23	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.63	0.1	0.05	0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.42	0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.07	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.56	0.07	< 0.05	< 0.05

**Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533928	2533929	2533930	2533931	2533932	2533933
Sample Reference	ECBH6	ECBH6	ECBH7	ECBH7	ECBH7	ECBH7
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	4.00	6.00	3.00	4.00	6.00	7.00
Date Sampled	28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	6.5	16	6.4
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	PDO	N/A	PDO	PDO	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.5	6.9	7.8	7.8	7.7	7.7
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	38	66	-	320	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.019	0.033	-	0.16	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	19	32.8	-	162	-

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.7	5.2	8.3	7.2	8.6	7.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	26	25	28	33	28	35
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	26	25	28	33	28	35
Copper (aqua regia extractable)	mg/kg	1	MCERTS	9	2.8	30	5.1	8.9	6.7
Lead (aqua regia extractable)	mg/kg	1	MCERTS	36	13	160	13	14	17
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.8	< 0.3	0.5	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	30	28	33	38	32	38
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	45	28	150	43	43	47

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	15	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	29	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	110	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	200	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	140	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	< 10	500	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	1.3	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	< 2.0	63	< 2.0	< 2.0	< 2.0	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533928	2533929	2533930	2533931	2533932	2533933
Sample Reference	ECBH6	ECBH6	ECBH7	ECBH7	ECBH7	ECBH7
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	4.00	6.00	3.00	4.00	6.00	7.00
Date Sampled	28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	140	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	160	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	< 10	360	< 10

VOCS*

Parameter	Units	Limit of detection	Accreditation Status					
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number				2533928	2533929	2533930	2533931	2533932	2533933
Sample Reference				ECBH6	ECBH6	ECBH7	ECBH7	ECBH7	ECBH7
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				4.00	6.00	3.00	4.00	6.00	7.00
Date Sampled				28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	0.3	0.2	< 0.1	0.2	0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	0.7	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	0.5	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.55	0.07	< 0.05	0.15	0.12
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533928	2533929	2533930	2533931	2533932	2533933			
Sample Reference	ECBH6	ECBH6	ECBH7	ECBH7	ECBH7	ECBH7			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	4.00	6.00	3.00	4.00	6.00	7.00			
Date Sampled	28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.12	0.08	< 0.05	0.22	0.16
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.15	0.08	< 0.05	0.23	0.17
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.1	0.07
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.11	0.09
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	0.08	0.07
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.06	0.06
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

**Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533934	2533935	2533936	2533937	2533938	2533939
Sample Reference	ECBH8	ECBH8	ECBH8	ECBH8	ECBH9	ECBH9
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	7.00	3.00	4.00
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	10	7.5
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	PDO	PDO	N/A	N/A	PDO	PDO

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	8.8	7.9	7.9	8.2	7.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	100	-	33	-	94	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.05	-	0.017	-	0.047	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	50.1	-	16.7	-	46.9	-

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	4.4	4.5	4.7	4.8	3.8	5.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	13	13	30	30	11	28
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	13	13	30	30	11	28
Copper (aqua regia extractable)	mg/kg	1	MCERTS	8.1	8.6	3.5	5.6	5.5	2.3
Lead (aqua regia extractable)	mg/kg	1	MCERTS	13	6.7	8.5	8.9	13	4.1
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	12	13	33	35	11	32
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	44	29	30	35	24	53

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	0.98	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	110	24	< 1.0	210	7.3	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	340	130	< 2.0	2000	51	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	180	74	< 8.0	2200	40	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	43	15	< 8.0	800	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	670	250	< 10	5200	100	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	13	4.2	< 1.0	82	2.3	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	110	54	< 2.0	1100	30	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533934	2533935	2533936	2533937	2533938	2533939			
Sample Reference	ECBH8	ECBH8	ECBH8	ECBH8	ECBH9	ECBH9			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	3.00	4.00	6.00	7.00	3.00	4.00			
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	110	52	< 10	1200	29	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	36	< 10	< 10	580	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	270	120	< 10	3000	66	< 10

VOCs*

Compound	Units	Limit of detection	Accreditation Status						
Chloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Chloroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Bromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Vinyl Chloride	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1-Dichloroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Cis-1,2-dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Benzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Tetrachloromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Toluene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Tetrachloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Styrene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Tribromomethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
o-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number				2533934	2533935	2533936	2533937	2533938	2533939
Sample Reference				ECBH8	ECBH8	ECBH8	ECBH8	ECBH9	ECBH9
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				3.00	4.00	6.00	7.00	3.00	4.00
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Butylbenzene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	0.2	< 0.1	< 0.1	< 0.1	0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	8.7	0.3	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	7.8	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	4.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	6.9	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.54	0.23	< 0.05	12	0.18	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.1	< 0.05	< 0.05	3	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number				2533934	2533935	2533936	2533937	2533938	2533939
Sample Reference				ECBH8	ECBH8	ECBH8	ECBH8	ECBH9	ECBH9
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				3.00	4.00	6.00	7.00	3.00	4.00
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.29	0.17	< 0.05	5	0.12	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.37	0.17	< 0.05	3.9	0.13	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.12	0.06	< 0.05	0.73	0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.12	< 0.05	< 0.05	0.73	0.06	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.08	0.05	< 0.05	0.38	0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.07	< 0.05	< 0.05	0.21	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.09	< 0.05	< 0.05	0.33	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.08	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.13	< 0.05	< 0.05

**Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533940	2533941	2533942	2533943	2533944	2533945
Sample Reference	ECBH9	ECBH9	ECBH10	ECBH10	ECBH10	ECBH10
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	6.00	7.00	3.00	4.00	6.00	7.00
Date Sampled	01/12/2022	01/12/2022	02/12/2022	02/12/2022	02/12/2022	02/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	21	17	10
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	PDO	PDO	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	6.5	8.4	7.9	8.4	8.1
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	130	-	170	-	100	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.065	-	0.084	-	0.051	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	64.5	-	84.4	-	50.7	-

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	35	6.6	9.7	9.3	5.3	7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	26	31	12	43	33	36
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	27	31	12	43	33	36
Copper (aqua regia extractable)	mg/kg	1	MCERTS	160	4.3	32	22	3.3	4.3
Lead (aqua regia extractable)	mg/kg	1	MCERTS	160	9.3	34	16	4.9	7.5
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	0.5	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	53	34	13	33	37	42
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	290	39	58	30	32	39

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	3.3	< 0.001	< 0.001	0.88	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	14	14	110	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	220	160	390	3.8	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	390	170	240	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	300	< 8.0	90	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	930	350	820	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	17	6	15	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	180	110	150	< 2.0	< 2.0	< 2.0

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Date Sampled	01/12/2022	01/12/2022	02/12/2022	02/12/2022	02/12/2022	02/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	460	170	130	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	450	90	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	1100	390	300	< 10	< 10	< 10

VOCS*

Parameter	Units	Limit of detection	Accreditation Status						
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Cis-1,2-dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0

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Sample Reference	ECBH9	ECBH9	ECBH10	ECBH10	ECBH10	ECBH10			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	6.00	7.00	3.00	4.00	6.00	7.00			
Date Sampled	01/12/2022	01/12/2022	02/12/2022	02/12/2022	02/12/2022	02/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	0.2	1	0.6	0.7
Phenol	mg/kg	0.2	ISO 17025	0.5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.7	< 0.2	0.6
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	1.1	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	22	0.21	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	14	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	14	0.79	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	8.7	0.3	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	13	0.61	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	58	0.65	0.48	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	19	0.35	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	5.5	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

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Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	0.6	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	48	0.78	0.31	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	44	0.69	0.38	< 0.05	< 0.05	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	21	0.16	0.12	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	23	0.12	0.13	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	21	0.09	0.13	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	8.9	0.05	0.06	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	19	0.07	0.1	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	7.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	1.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	9.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

**Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533946	2533947	2533948	2533949	2533950	2533951
Sample Reference	ECBH11	ECBH11	ECBH11	ECBH12	ECBH12	ECBH12
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	60	7.1	8.7
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	Chrysotile-Loose Fibres	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Detected	-	Not-detected	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU	N/A	SPU	WEM	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	7.8	8.3	8.4	8.6	8.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	250	-	140	82	-	73
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.12	-	0.069	0.041	-	0.037
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	124	-	68.8	41.2	-	36.5

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	14	23	6.6	4.9	3.3	6.1
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	1	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	14	28	34	21	18	13
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	15	28	34	21	18	13
Copper (aqua regia extractable)	mg/kg	1	MCERTS	96	85	5.2	10	12	15
Lead (aqua regia extractable)	mg/kg	1	MCERTS	80	280	6.9	14	7.9	30
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	18	50	39	27	21	18
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	170	450	37	40	71	64

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	23	12	< 2.0	3	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	9.7	32	< 8.0	18	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	46	< 8.0	24	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	36	89	< 10	45	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	5.4	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533946	2533947	2533948	2533949	2533950	2533951
Sample Reference	ECBH11	ECBH11	ECBH11	ECBH12	ECBH12	ECBH12
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	22	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	27	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	55	< 10	< 10

VOCs*

Parameter	Units	Limit of detection	Accreditation Status						
Chloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533946	2533947	2533948	2533949	2533950	2533951			
Sample Reference	ECBH11	ECBH11	ECBH11	ECBH12	ECBH12	ECBH12			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.2	0.1	< 0.1	0.1	0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.2	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	0.6	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.06	< 0.05	< 0.05	< 0.05	0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.13	0.08	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.19	0.08	< 0.05	< 0.05	< 0.05	0.06
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	1.4	0.66	< 0.05	0.17	0.07	0.44
Anthracene	mg/kg	0.05	MCERTS	0.44	0.17	< 0.05	0.09	< 0.05	0.14
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533946	2533947	2533948	2533949	2533950	2533951
Sample Reference	ECBH11	ECBH11	ECBH11	ECBH12	ECBH12	ECBH12
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	2.3	0.73	< 0.05
Pyrene	mg/kg	0.05	MCERTS	1.9	0.68	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.91	0.37	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.92	0.43	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.83	0.39	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.56	0.21	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.82	0.31	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.42	0.2	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.47	0.27	< 0.05

**Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533952	2533953	2533954	2533955	2533956	2533957
Sample Reference	ECBH13	ECBH13	ECBH13	ECBH13	ECBH14	ECBH14
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.50	1.00	3.00	4.00	0.50	1.00
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	9.2	18	17
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	WEM	WEM	N/A	N/A	WEM	WEM

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.6	7.9	7.4	6.4	9.7	10
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	870	-	390	-	7.6	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.44	-	0.19	-	0.0038	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	437	-	193	-	3.8	-

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	13	5.9	7.6	5.4	1.8	1.1
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	15	34	33	25	20	18
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	15	34	33	25	20	18
Copper (aqua regia extractable)	mg/kg	1	MCERTS	60	4.4	5	6.1	63	55
Lead (aqua regia extractable)	mg/kg	1	MCERTS	130	4.4	6.9	6.2	1.6	2.2
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	18	37	36	30	150	140
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	160	33	36	29	68	59

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	3.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	64	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	79	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	90	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	240	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	33	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533952		2533953		2533954		2533955		2533956		2533957	
Sample Reference	ECBH13		ECBH13		ECBH13		ECBH13		ECBH14		ECBH14	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.50		1.00		3.00		4.00		0.50		1.00	
Date Sampled	24/11/2022		24/11/2022		24/11/2022		24/11/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	130	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	260	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	430	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

VOCs*

	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Chloromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Chloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Bromomethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Vinyl Chloride	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,1-Dichloroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Cis-1,2-dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Benzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Tetrachloromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Toluene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Tetrachloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Styrene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Tribromomethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
o-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	-

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533952	2533953	2533954	2533955	2533956	2533957			
Sample Reference	ECBH13	ECBH13	ECBH13	ECBH13	ECBH14	ECBH14			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	1.00	3.00	4.00	0.50	1.00			
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Butylbenzene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-

SVOCs

Aniline	mg/kg	0.1	NONE	0.4	0.4	0.6	0.2	0.2	0.3
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.13	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.1	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.94	< 0.05	0.09	< 0.05	0.52	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.22	< 0.05	< 0.05	< 0.05	0.13	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533952	2533953	2533954	2533955	2533956	2533957			
Sample Reference	ECBH13	ECBH13	ECBH13	ECBH13	ECBH14	ECBH14			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	1.00	3.00	4.00	0.50	1.00			
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	1.4	< 0.05	0.22	< 0.05	0.47	< 0.05
Pyrene	mg/kg	0.05	MCERTS	1.4	< 0.05	0.23	< 0.05	0.44	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.56	< 0.05	0.11	< 0.05	0.16	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.67	< 0.05	0.1	< 0.05	0.18	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.61	< 0.05	0.12	< 0.05	0.17	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.24	< 0.05	< 0.05	< 0.05	0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.56	< 0.05	0.1	< 0.05	0.16	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.33	< 0.05	< 0.05	< 0.05	0.07	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.38	< 0.05	< 0.05	< 0.05	0.1	< 0.05

**Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533958	2533959	2533960	2533961	2533962	2533963
Sample Reference	ECBH14	ECBH15	ECBH15	ECBH15	ECBH15	ECBH16
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	2.00	0.50	1.00	3.00	4.00	0.50
Date Sampled	01/12/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	10	8.4
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	Amosite - Loose Fibres; Chrysotile - Loose Fibrous Debris
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	Not-detected	-	-	Detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	WEM	WEM	N/A	N/A	SCA

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	10.5	7.9	7.7	8.2	7.4	7.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	79	7.9	-	19	-	8.7
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.04	0.004	-	0.0095	-	0.0044
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	39.5	4	-	9.5	-	4.4

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	1.2	6.4	7.8	6.5	10	7.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.3	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	18	31	31	29	28	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	18	31	31	29	28	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	52	6.5	3.8	5.9	13	20
Lead (aqua regia extractable)	mg/kg	1	MCERTS	3.7	8.1	14	12	45	77
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	140	36	35	32	33	26
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	61	39	40	40	92	74

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	6.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	110	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	160	< 8.0	< 8.0	< 8.0	< 8.0	21
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	150	< 8.0	< 8.0	< 8.0	< 8.0	110
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	430	< 10	< 10	< 10	< 10	130

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	3.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	48	< 2.0	< 2.0	< 2.0	< 2.0	9.4

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533958	2533959	2533960	2533961	2533962	2533963				
Sample Reference	ECBH14	ECBH15	ECBH15	ECBH15	ECBH15	ECBH16				
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied				
Depth (m)	2.00	0.50	1.00	3.00	4.00	0.50				
Date Sampled	01/12/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022				
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied				
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status							
TPH-CWG - Aromatic >EC16 - EC21 <small>EH_CU_ID_AR</small>	mg/kg	10	MCERTS	110	< 10	< 10	< 10	< 10	< 10	33
TPH-CWG - Aromatic >EC21 - EC35 <small>EH_CU_ID_AR</small>	mg/kg	10	MCERTS	130	< 10	< 10	< 10	< 10	< 10	200
TPH-CWG - Aromatic (EC5 - EC35) <small>EH_CU+HS_ID_AR</small>	mg/kg	10	NONE	290	< 10	< 10	< 10	< 10	< 10	240

VOCs*

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533958	2533959	2533960	2533961	2533962	2533963			
Sample Reference	ECBH14	ECBH15	ECBH15	ECBH15	ECBH15	ECBH16			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	2.00	0.50	1.00	3.00	4.00	0.50			
Date Sampled	01/12/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.4	0.2	< 0.1	0.4	0.3	0.6
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.19	< 0.05	< 0.05	< 0.05	< 0.05	0.33
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.4	< 0.1	< 0.1	< 0.1	0.1	0.8
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.08	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.79	< 0.05	< 0.05	< 0.05	0.13	0.46
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	0.4	< 0.2	< 0.2	< 0.2	< 0.2	0.4
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.71	< 0.05	< 0.05	< 0.05	0.16	0.63
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	1.4	< 0.05	< 0.05	< 0.05	1.2	1.6
Anthracene	mg/kg	0.05	MCERTS	0.36	< 0.05	< 0.05	< 0.05	0.39	0.74
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533958	2533959	2533960	2533961	2533962	2533963			
Sample Reference	ECBH14	ECBH15	ECBH15	ECBH15	ECBH15	ECBH16			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	2.00	0.50	1.00	3.00	4.00	0.50			
Date Sampled	01/12/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.65	< 0.05	0.05	< 0.05	1.9	1.1
Pyrene	mg/kg	0.05	MCERTS	0.51	< 0.05	0.05	< 0.05	1.8	0.77
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.1	< 0.05	< 0.05	< 0.05	0.95	0.54
Chrysene	mg/kg	0.05	MCERTS	0.16	< 0.05	< 0.05	< 0.05	1.1	0.37
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.07	< 0.05	< 0.05	< 0.05	1	0.37
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	0.46	0.15
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.96	0.29
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.45	0.11
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.1	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.59	0.2

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533964	2533965	2533966	2533967	2533968	2533969
Sample Reference	ECBH16	ECBH16	ECBH16	ECBH17	ECBH17	ECBH17
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.00	3.00	4.00	0.50	1.00	3.00
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8	21	22
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Chrysotile, Amosite - Loose Fibrous Debris	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	-	-	Not-detected	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	SCA	N/A	N/A	SCA	SCA	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	8.2	8.5	8.2	8.3	8
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	16	-	19	-	250
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.0082	-	0.0094	-	0.12
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	8.2	-	9.4	-	123

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.8	6.5	8.1	7.8	8.7	5.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	22	30	27	29	33	29
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	30	27	29	33	29
Copper (aqua regia extractable)	mg/kg	1	MCERTS	25	8.1	5.3	20	25	9.6
Lead (aqua regia extractable)	mg/kg	1	MCERTS	56	9.4	11	35	47	29
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	0.8	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	30	33	30	37	43	37
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	59	38	40	82	110	45

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	29
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	220
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	3000
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	36
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	150
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	84
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1200
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	1700
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	8.1	< 8.0	< 8.0	< 8.0	22	740
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10	25	3800

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6.5
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	23
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	480

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533964		2533965		2533966		2533967		2533968		2533969	
Sample Reference	ECBH16		ECBH16		ECBH16		ECBH17		ECBH17		ECBH17	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.00		3.00		4.00		0.50		1.00		3.00	
Date Sampled	24/11/2022		24/11/2022		24/11/2022		24/11/2022		24/11/2022		24/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC16 - EC21 <small>EH_CU_ID_AR</small>	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	830	
TPH-CWG - Aromatic >EC21 - EC35 <small>EH_CU_ID_AR</small>	mg/kg	10	MCERTS	81	< 10	< 10	< 10	< 10	< 10	< 10	510	
TPH-CWG - Aromatic (EC5 - EC35) <small>EH_CU+HS_ID_AR</small>	mg/kg	10	NONE	91	< 10	< 10	< 10	< 10	< 10	< 10	1900	

VOCs*

Compound	Units	Limit of detection	Accreditation Status	2533964	2533965	2533966	2533967	2533968	2533969
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	15
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	29
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	220
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	3000
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	570
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	830
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	6200
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	22000
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	780
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number	2533964	2533965	2533966	2533967	2533968	2533969			
Sample Reference	ECBH16	ECBH16	ECBH16	ECBH17	ECBH17	ECBH17			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.00	3.00	4.00	0.50	1.00	3.00			
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	690
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	1300
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.2	0.2	0.2	0.2	0.2	0.2
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.89
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.2
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	4.3
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	3.9
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.13	< 0.05	< 0.05	0.18	0.31	5.4
Anthracene	mg/kg	0.05	MCERTS	0.06	< 0.05	< 0.05	0.06	0.09	1.7
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533964	2533965	2533966	2533967	2533968	2533969			
Sample Reference	ECBH16	ECBH16	ECBH16	ECBH17	ECBH17	ECBH17			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.00	3.00	4.00	0.50	1.00	3.00			
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.21	0.05	0.08	0.24	0.41	3.5
Pyrene	mg/kg	0.05	MCERTS	0.2	0.05	0.09	0.23	0.38	3.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.1	< 0.05	< 0.05	0.13	0.2	0.52
Chrysene	mg/kg	0.05	MCERTS	0.1	< 0.05	< 0.05	0.09	0.15	0.6
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.1	< 0.05	< 0.05	0.1	0.19	0.36
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.07	< 0.05	< 0.05	0.05	0.06	0.16
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.09	< 0.05	< 0.05	0.08	0.14	0.29
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.08	0.13
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.1	0.13

*Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533970	2533971	2533972	2533973			
Sample Reference	ECBH17	ECBH18	ECBH18	ECBH18			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	4.00	0.50	1.00	3.00			
Date Sampled	24/11/2022	02/12/2022	02/12/2022	02/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	20	10	8.9	8.7
Total mass of sample received	kg	0.001	NONE	1	1	1	1

	Type	N/A	ISO 17025				
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	SCA	SCA	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	10.4	11.4	8.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	190	-	76
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.094	-	0.038
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	93.8	-	37.8

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.9	5.3	13	6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	30	9.5	13	7
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	30	9.5	14	7
Copper (aqua regia extractable)	mg/kg	1	MCERTS	4.4	45	34	20
Lead (aqua regia extractable)	mg/kg	1	MCERTS	11	70	72	10
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	34	14	26	6
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	40	58	73	43

Monoaromatics & Oxygenates*

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	23	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	24	180	14	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	43	260	30	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	11	770	99	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	78	1200	140	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	8.2	47	< 2.0	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533970	2533971	2533972	2533973			
Sample Reference	ECBH17	ECBH18	ECBH18	ECBH18			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	4.00	0.50	1.00	3.00			
Date Sampled	24/11/2022	02/12/2022	02/12/2022	02/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	20	140	13	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	310	41	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, 1D, AR}	mg/kg	10	NONE	33	500	55	18

VOCs*

	Units	Limit of detection	Accreditation Status				
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	58	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	8.3	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Environmental Science

Analytical Report Number: 22-13341

Project / Site name: Ardrossan

Lab Sample Number					2533970	2533971	2533972	2533973
Sample Reference					ECBH17	ECBH18	ECBH18	ECBH18
Sample Number					None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)					4.00	0.50	1.00	3.00
Date Sampled					24/11/2022	02/12/2022	02/12/2022	02/12/2022
Time Taken					None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	

SVOCs

Aniline	mg/kg	0.1	NONE	0.2	0.4	0.5	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.5
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.21
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	0.2
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.08	0.41
Acenaphthene	mg/kg	0.05	MCERTS	0.25	< 0.05	< 0.05	0.29
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.5
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.18	< 0.05	0.07	0.4
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.16	0.43	0.86	6.7
Anthracene	mg/kg	0.05	MCERTS	0.11	0.1	0.21	1.5
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	0.5
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number				2533970	2533971	2533972	2533973
Sample Reference				ECBH17	ECBH18	ECBH18	ECBH18
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				4.00	0.50	1.00	3.00
Date Sampled				24/11/2022	02/12/2022	02/12/2022	02/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.3	0.37	1.1	6.6
Pyrene	mg/kg	0.05	MCERTS	0.26	0.47	0.96	5.5
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.07	< 0.05	0.44	2.1
Chrysene	mg/kg	0.05	MCERTS	0.06	< 0.05	0.45	2.1
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.05	< 0.05	0.48	1.8
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.19	1.1
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.42	1.7
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.22	0.88
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.19
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.27	0.97

~Data reported unaccredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number : 22-13341
Project / Site name: Ardrossan

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2533910	ECBH1	None Supplied	3	Brown clay and loam with tar and gravel
2533911	ECBH1	None Supplied	4	Brown sandy loam with gravel.
2533912	ECBH1	None Supplied	6	Brown sandy loam with gravel.
2533913	ECBH2	None Supplied	3	Brown sandy loam with gravel.
2533914	ECBH2	None Supplied	4	Brown sandy loam with gravel.
2533915	ECBH2	None Supplied	6	Brown clay and sand with gravel and oil / petroleum.
2533916	ECBH2	None Supplied	7	Brown clay and sand with gravel and oil / petroleum.
2533917	ECBH3	None Supplied	3	Brown sandy loam with gravel.
2533918	ECBH3	None Supplied	4	Brown sandy loam with gravel.
2533919	ECBH3	None Supplied	6	Brown sandy loam with gravel.
2533920	ECBH3	None Supplied	7	Brown sandy loam with gravel.
2533921	ECBH4	None Supplied	3	Brown sandy loam with gravel.
2533922	ECBH4	None Supplied	4	Brown sandy loam with gravel.
2533923	ECBH4	None Supplied	6	Brown clay and sand with gravel.
2533924	ECBH5	None Supplied	3	Brown sandy loam with gravel.
2533925	ECBH5	None Supplied	4	Brown sandy loam with gravel.
2533926	ECBH5	None Supplied	6	Brown sandy loam with gravel.
2533927	ECBH6	None Supplied	3	Brown loam and sand with gravel.
2533928	ECBH6	None Supplied	4	Brown sandy loam with gravel.
2533929	ECBH6	None Supplied	6	Brown sandy loam with gravel and oil / petroleum.
2533930	ECBH7	None Supplied	3	Brown sandy loam with gravel.
2533931	ECBH7	None Supplied	4	Brown sandy loam with gravel.
2533932	ECBH7	None Supplied	6	Brown sandy loam with gravel.
2533933	ECBH7	None Supplied	7	Brown loam and sand with gravel and vegetation.
2533934	ECBH8	None Supplied	3	Brown clay.
2533935	ECBH8	None Supplied	4	Brown clay.
2533936	ECBH8	None Supplied	6	Brown sandy loam with gravel.
2533937	ECBH8	None Supplied	7	Brown clay and sand with gravel and oil / petroleum.
2533938	ECBH9	None Supplied	3	Brown clay and loam with gravel.
2533939	ECBH9	None Supplied	4	Brown sandy loam with gravel.
2533940	ECBH9	None Supplied	6	Brown gravelly loam with oil / petroleum.
2533941	ECBH9	None Supplied	7	Brown clay and sand with oil / petroleum.
2533942	ECBH10	None Supplied	3	Brown clay.
2533943	ECBH10	None Supplied	4	Brown loam and sand with gravel.
2533944	ECBH10	None Supplied	6	Brown sandy loam with gravel.
2533945	ECBH10	None Supplied	7	Brown sandy loam with gravel.
2533946	ECBH11	None Supplied	3	Brown clay and loam with gravel.
2533947	ECBH11	None Supplied	4	Brown loam and sand with gravel.
2533948	ECBH11	None Supplied	6	Brown sandy loam with gravel.
2533949	ECBH12	None Supplied	3	Brown sandy loam with gravel.
2533950	ECBH12	None Supplied	4	Brown loam and clay with stones.
2533951	ECBH12	None Supplied	6	Brown loam and sand with gravel.
2533952	ECBH13	None Supplied	0.5	Brown clay and loam with gravel and vegetation.
2533953	ECBH13	None Supplied	1	Brown sandy loam with gravel.
2533954	ECBH13	None Supplied	3	Brown clay and sand with gravel.
2533955	ECBH13	None Supplied	4	Brown clay and sand with gravel.
2533956	ECBH14	None Supplied	0.5	Brown loam and sand with gravel.
2533957	ECBH14	None Supplied	1	Brown loam and sand with gravel.
2533958	ECBH14	None Supplied	2	Brown loam and sand with gravel.
2533959	ECBH15	None Supplied	0.5	Brown sandy loam with gravel.
2533960	ECBH15	None Supplied	1	Brown sandy loam with gravel.
2533961	ECBH15	None Supplied	3	Brown sandy loam with gravel.
2533962	ECBH15	None Supplied	4	Brown sandy loam with gravel.
2533963	ECBH16	None Supplied	0.5	Brown sandy loam with gravel and vegetation.
2533964	ECBH16	None Supplied	1	Brown sandy loam with gravel and vegetation.
2533965	ECBH16	None Supplied	3	Brown sandy loam with gravel.
2533966	ECBH16	None Supplied	4	Brown sandy loam with gravel.
2533967	ECBH17	None Supplied	0.5	Brown sandy loam with gravel and vegetation.

Sample Deviation Report



Analytical Report Number : 22-13341
Project / Site name: Ardrossan

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2533968	ECBH17	None Supplied	1	Brown sandy loam with gravel and vegetation.
2533969	ECBH17	None Supplied	3	Brown clay and sand with gravel.
2533970	ECBH17	None Supplied	4	Brown clay and sand with gravel and oil / petroleum.
2533971	ECBH18	None Supplied	0.5	Brown loam and sand with gravel.
2533972	ECBH18	None Supplied	1	Brown loam and sand with gravel.
2533973	ECBH18	None Supplied	3	Brown clay and loam with gravel.

Sample Deviation Report

Analytical Report Number : 22-13341

Project / Site name: Ardrossan

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds in soil by extraction in dichloromethane and hexane followed by GC-MS.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS. Individual components MCERTS accredited	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Information in Support of Analytical Results

Analytical Report Number : 22-13341

Project / Site name: Ardrossan

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

Sample Deviation Report



Analytical Report Number : 22-13341

Project / Site name: Ardrossan

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
ECBH1	None Supplied	S	2533910	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH1	None Supplied	S	2533910	c	TPHCWG (Soil)	L088/76-PL	
ECBH1	None Supplied	S	2533911	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH1	None Supplied	S	2533911	c	TPHCWG (Soil)	L088/76-PL	
ECBH1	None Supplied	S	2533911	c	Volatile organic compounds in soil	L073B-PL	c
ECBH1	None Supplied	S	2533912	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH1	None Supplied	S	2533912	c	TPHCWG (Soil)	L088/76-PL	
ECBH1	None Supplied	S	2533912	c	Volatile organic compounds in soil	L073B-PL	c
ECBH11	None Supplied	S	2533946	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH11	None Supplied	S	2533946	c	TPHCWG (Soil)	L088/76-PL	
ECBH11	None Supplied	S	2533946	c	Volatile organic compounds in soil	L073B-PL	c
ECBH11	None Supplied	S	2533947	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH11	None Supplied	S	2533947	c	TPHCWG (Soil)	L088/76-PL	
ECBH11	None Supplied	S	2533948	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH11	None Supplied	S	2533948	c	TPHCWG (Soil)	L088/76-PL	
ECBH11	None Supplied	S	2533948	c	Volatile organic compounds in soil	L073B-PL	c
ECBH12	None Supplied	S	2533949	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH12	None Supplied	S	2533949	c	TPHCWG (Soil)	L088/76-PL	
ECBH12	None Supplied	S	2533949	c	Volatile organic compounds in soil	L073B-PL	c
ECBH12	None Supplied	S	2533950	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH12	None Supplied	S	2533950	c	TPHCWG (Soil)	L088/76-PL	
ECBH12	None Supplied	S	2533951	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH12	None Supplied	S	2533951	c	TPHCWG (Soil)	L088/76-PL	
ECBH12	None Supplied	S	2533951	c	Volatile organic compounds in soil	L073B-PL	c
ECBH13	None Supplied	S	2533952	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH13	None Supplied	S	2533952	c	TPHCWG (Soil)	L088/76-PL	
ECBH13	None Supplied	S	2533952	c	Volatile organic compounds in soil	L073B-PL	c
ECBH13	None Supplied	S	2533953	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH13	None Supplied	S	2533953	c	TPHCWG (Soil)	L088/76-PL	
ECBH13	None Supplied	S	2533954	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH13	None Supplied	S	2533954	c	TPHCWG (Soil)	L088/76-PL	
ECBH13	None Supplied	S	2533954	c	Volatile organic compounds in soil	L073B-PL	c
ECBH13	None Supplied	S	2533955	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH13	None Supplied	S	2533955	c	TPHCWG (Soil)	L088/76-PL	
ECBH13	None Supplied	S	2533955	c	Volatile organic compounds in soil	L073B-PL	c
ECBH15	None Supplied	S	2533959	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH15	None Supplied	S	2533959	c	TPHCWG (Soil)	L088/76-PL	
ECBH15	None Supplied	S	2533959	c	Volatile organic compounds in soil	L073B-PL	c
ECBH15	None Supplied	S	2533960	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH15	None Supplied	S	2533960	c	TPHCWG (Soil)	L088/76-PL	
ECBH15	None Supplied	S	2533961	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH15	None Supplied	S	2533961	c	TPHCWG (Soil)	L088/76-PL	
ECBH15	None Supplied	S	2533961	c	Volatile organic compounds in soil	L073B-PL	c
ECBH15	None Supplied	S	2533962	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH15	None Supplied	S	2533962	c	TPHCWG (Soil)	L088/76-PL	
ECBH15	None Supplied	S	2533962	c	Volatile organic compounds in soil	L073B-PL	c
ECBH16	None Supplied	S	2533963	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH16	None Supplied	S	2533963	c	TPHCWG (Soil)	L088/76-PL	
ECBH16	None Supplied	S	2533963	c	Volatile organic compounds in soil	L073B-PL	c
ECBH16	None Supplied	S	2533964	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH16	None Supplied	S	2533964	c	TPHCWG (Soil)	L088/76-PL	
ECBH16	None Supplied	S	2533965	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH16	None Supplied	S	2533965	c	TPHCWG (Soil)	L088/76-PL	
ECBH16	None Supplied	S	2533965	c	Volatile organic compounds in soil	L073B-PL	c
ECBH16	None Supplied	S	2533966	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH16	None Supplied	S	2533966	c	TPHCWG (Soil)	L088/76-PL	
ECBH16	None Supplied	S	2533966	c	Volatile organic compounds in soil	L073B-PL	c
ECBH17	None Supplied	S	2533967	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c

Sample Deviation Report



Analytical Report Number : 22-13341

Project / Site name: Ardrossan

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
ECBH17	None Supplied	S	2533967	c	TPHCWG (Soil)	L088/76-PL	
ECBH17	None Supplied	S	2533967	c	Volatile organic compounds in soil	L073B-PL	c
ECBH17	None Supplied	S	2533968	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH17	None Supplied	S	2533968	c	TPHCWG (Soil)	L088/76-PL	
ECBH17	None Supplied	S	2533969	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH17	None Supplied	S	2533969	c	TPHCWG (Soil)	L088/76-PL	
ECBH17	None Supplied	S	2533969	c	Volatile organic compounds in soil	L073B-PL	c
ECBH17	None Supplied	S	2533970	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH17	None Supplied	S	2533970	c	TPHCWG (Soil)	L088/76-PL	
ECBH17	None Supplied	S	2533970	c	Volatile organic compounds in soil	L073B-PL	c
ECBH2	None Supplied	S	2533913	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH2	None Supplied	S	2533913	c	TPHCWG (Soil)	L088/76-PL	
ECBH2	None Supplied	S	2533913	c	Volatile organic compounds in soil	L073B-PL	c
ECBH2	None Supplied	S	2533914	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH2	None Supplied	S	2533914	c	TPHCWG (Soil)	L088/76-PL	
ECBH2	None Supplied	S	2533915	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH2	None Supplied	S	2533915	c	TPHCWG (Soil)	L088/76-PL	
ECBH2	None Supplied	S	2533915	c	Volatile organic compounds in soil	L073B-PL	c
ECBH2	None Supplied	S	2533916	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH2	None Supplied	S	2533916	c	TPHCWG (Soil)	L088/76-PL	
ECBH2	None Supplied	S	2533916	c	Volatile organic compounds in soil	L073B-PL	c
ECBH3	None Supplied	S	2533917	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH3	None Supplied	S	2533917	c	TPHCWG (Soil)	L088/76-PL	
ECBH3	None Supplied	S	2533917	c	Volatile organic compounds in soil	L073B-PL	c
ECBH3	None Supplied	S	2533918	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH3	None Supplied	S	2533918	c	TPHCWG (Soil)	L088/76-PL	
ECBH3	None Supplied	S	2533919	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH3	None Supplied	S	2533919	c	TPHCWG (Soil)	L088/76-PL	
ECBH3	None Supplied	S	2533919	c	Volatile organic compounds in soil	L073B-PL	c
ECBH3	None Supplied	S	2533920	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH3	None Supplied	S	2533920	c	TPHCWG (Soil)	L088/76-PL	
ECBH3	None Supplied	S	2533920	c	Volatile organic compounds in soil	L073B-PL	c
ECBH4	None Supplied	S	2533921	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH4	None Supplied	S	2533921	c	TPHCWG (Soil)	L088/76-PL	
ECBH4	None Supplied	S	2533921	c	Volatile organic compounds in soil	L073B-PL	c
ECBH4	None Supplied	S	2533922	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH4	None Supplied	S	2533922	c	TPHCWG (Soil)	L088/76-PL	
ECBH4	None Supplied	S	2533923	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH4	None Supplied	S	2533923	c	TPHCWG (Soil)	L088/76-PL	
ECBH4	None Supplied	S	2533923	c	Volatile organic compounds in soil	L073B-PL	c
ECBH5	None Supplied	S	2533924	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH5	None Supplied	S	2533924	c	TPHCWG (Soil)	L088/76-PL	
ECBH5	None Supplied	S	2533924	c	Volatile organic compounds in soil	L073B-PL	c
ECBH5	None Supplied	S	2533925	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH5	None Supplied	S	2533925	c	TPHCWG (Soil)	L088/76-PL	
ECBH5	None Supplied	S	2533926	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH5	None Supplied	S	2533926	c	TPHCWG (Soil)	L088/76-PL	
ECBH5	None Supplied	S	2533926	c	Volatile organic compounds in soil	L073B-PL	c
ECBH6	None Supplied	S	2533927	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH6	None Supplied	S	2533927	c	TPHCWG (Soil)	L088/76-PL	
ECBH6	None Supplied	S	2533927	c	Volatile organic compounds in soil	L073B-PL	c
ECBH6	None Supplied	S	2533928	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH6	None Supplied	S	2533928	c	TPHCWG (Soil)	L088/76-PL	
ECBH6	None Supplied	S	2533929	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH6	None Supplied	S	2533929	c	TPHCWG (Soil)	L088/76-PL	
ECBH6	None Supplied	S	2533929	c	Volatile organic compounds in soil	L073B-PL	c
ECBH7	None Supplied	S	2533930	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH7	None Supplied	S	2533930	c	TPHCWG (Soil)	L088/76-PL	

Sample Deviation Report



Analytical Report Number : 22-13341

Project / Site name: Ardrossan

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
ECBH7	None Supplied	S	2533930	c	Volatile organic compounds in soil	L073B-PL	c
ECBH7	None Supplied	S	2533931	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH7	None Supplied	S	2533931	c	TPHCWG (Soil)	L088/76-PL	
ECBH7	None Supplied	S	2533932	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH7	None Supplied	S	2533932	c	TPHCWG (Soil)	L088/76-PL	
ECBH7	None Supplied	S	2533932	c	Volatile organic compounds in soil	L073B-PL	c
ECBH7	None Supplied	S	2533933	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECBH7	None Supplied	S	2533933	c	TPHCWG (Soil)	L088/76-PL	
ECBH7	None Supplied	S	2533933	c	Volatile organic compounds in soil	L073B-PL	c



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Analytical Report Number : 22-13238

Replaces Analytical Report Number: 22-13238, issue no. 2
Additional analysis undertaken.

Project / Site name:	Ardrossan	Samples received on:	13/12/2022
Your job number:		Samples instructed on/ Analysis started on:	13/12/2022
Your order number:		Analysis completed by:	19/01/2023
Report Issue Number:	3	Report issued on:	23/01/2023
Samples Analysed:	128 soil samples		

Signed:

Ashleigh Cunningham
Customer Service Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532963	2532964	2532965	2532966	2532967	2532968
Sample Reference	ECTP1	ECTP1	ECTP1	ECTP1	ECTP2	ECTP2
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.00	1.50	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	17	20
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU	N/A	N/A	SPU	SPU

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.8	7	7.4	7.6	8.1	8.2
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0045	-	0.013	-	0.014
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	9	-	25	-	27
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	4.5	-	12.6	-	13.6

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	3.6	3.6	4.6	2.7	11	8.8
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	0.5	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	18	18	14	17	16	14
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	18	19	15	17	16	14
Copper (aqua regia extractable)	mg/kg	1	MCERTS	17	4.3	3.8	4	92	47
Lead (aqua regia extractable)	mg/kg	1	MCERTS	5.5	4	4.1	3.7	210	120
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	17	17	16	16	26	45
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	21	19	20	20	160	140

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	7.3	8.3	< 2.0	< 2.0	< 2.0	16
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	28	16	< 8.0	< 8.0	< 8.0	20
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	98	48	< 8.0	< 8.0	< 8.0	25
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	130	72	< 10	< 10	< 10	61

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	11

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532963	2532964	2532965	2532966	2532967	2532968
Sample Reference	ECTP1	ECTP1	ECTP1	ECTP1	ECTP2	ECTP2
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.00	1.50	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	4.2	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	12	13	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	110	67	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	120	84	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status						
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number				2532963	2532964	2532965	2532966	2532967	2532968
Sample Reference				ECTP1	ECTP1	ECTP1	ECTP1	ECTP2	ECTP2
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.00	1.50	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.4
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.3
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.31	0.8
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	0.3	0.7
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.05	7.8
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.25	5.8
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	0.2	4.5
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.22	9
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.8	88
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.38	52
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	5

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2532963	2532964	2532965	2532966	2532967	2532968
Sample Reference				ECTP1	ECTP1	ECTP1	ECTP1	ECTP2	ECTP2
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.00	1.50	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	2.3	200
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	2.2	170
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.1	98
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.2	86
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	1	100
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	0.68	40
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.1	94
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.46	46
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.1	9.7
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.65	53

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532969	2532970	2532971	2532972	2532973	2532974			
Sample Reference	ECP2	ECP2	ECP3	ECP3	ECP3	ECP3			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.00	1.50			
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	< 0.1	< 0.1	14	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	17	13	14	12	13
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	Chrysotile & Crocidolite	Chrysotile & Amosite & Crocidolite	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Detected	Detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	0.007	0.046	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	0.007	0.046	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	SPU	SPU	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	7.9	8	7.6	8.5	8.4
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.056	-	0.075	-	0.068
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	110	-	150	-	140
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	56.4	-	74.6	-	67.7

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.8	8.4	11	8.3	29	14
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	18	17	16	14	11	9.5
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	18	17	17	15	11	9.9
Copper (aqua regia extractable)	mg/kg	1	MCERTS	21	22	44	36	7.5	7.4
Lead (aqua regia extractable)	mg/kg	1	MCERTS	35	39	100	110	8.3	12
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	19	16	32	21	13	11
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	54	65	120	130	150	31

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	1	0.39	< 0.001	< 0.001	0.003	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	42	< 1.0	2.4	8.7	4	4.6
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	400	190	85	95	22	81
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	550	250	220	220	36	130
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	400	200	370	340	46	140
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	1400	640	680	660	110	360

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	11	5.7	< 1.0	1.9	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532969	2532970	2532971	2532972	2532973	2532974			
Sample Reference	ECTP2	ECTP2	ECTP3	ECTP3	ECTP3	ECTP3			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.00	1.50			
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	160	85	36	79	< 2.0	34
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	450	190	210	320	< 10	120
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	440	230	450	640	21	200
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	1100	510	700	1000	29	360

VOCS

Compound	Units	Limit of detection	Accreditation Status	2532969	2532970	2532971	2532972	2532973	2532974
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tri bromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532969	2532970	2532971	2532972	2532973	2532974			
Sample Reference	ECTP2	ECTP2	ECTP3	ECTP3	ECTP3	ECTP3			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.00	1.50			
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.49	0.57	2	1.4	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	1.4	1.4	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.29	0.23	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	4.6	4	1.2	1.3	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	1.6	1	0.9	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	1.8	2.3	1.4	1.5	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	2.4	3.3	2.2	2.1	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	1.5	1.3	0.79	0.86	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2532969	2532970	2532971	2532972	2532973	2532974
Sample Reference				ECTP2	ECTP2	ECTP3	ECTP3	ECTP3	ECTP3
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.00	1.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	3.8	2.8	2.3	2.2	< 0.05	0.35
Pyrene	mg/kg	0.05	MCERTS	3.6	2.8	2.4	2.4	< 0.05	0.66
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.86	0.79	0.72	0.98	< 0.05	0.11
Chrysene	mg/kg	0.05	MCERTS	1.1	0.74	1.3	1	< 0.05	0.2
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.74	0.63	0.7	0.87	< 0.05	0.16
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.39	0.4	0.46	0.29	< 0.05	0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.6	0.6	0.67	0.69	< 0.05	0.13
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.29	0.28	0.36	0.35	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.09	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.4	0.34	0.52	0.57	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532975		2532976		2532977		2532978		2532979		2532980	
Sample Reference	ECTP4		ECTP4		ECTP4		ECTP4		ECTP5		ECTP5	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.00		1.50		0.20		0.50	
Date Sampled	01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	61	32		
Moisture Content	%	0.01	NONE	13	13	10	11	6.3	11			
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3			

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Amosite	Chrysotile & Amosite & Crocidolite	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Detected	-	-	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	< 0.001	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	< 0.001	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU	N/A	N/A	SPU	SPU

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	8.2	8.2	8.1	8.2	7.8
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0093	-	0.031	-	0.026
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	19	-	61	-	52
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	9.3	-	30.5	-	25.9

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	14	12	20	15	4.8	16
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.6	0.5	< 0.2	< 0.2	< 0.2	0.7
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	21	18	17	9.3	6.1	21
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	21	18	17	9.4	6.9	21
Copper (aqua regia extractable)	mg/kg	1	MCERTS	96	65	65	160	32	81
Lead (aqua regia extractable)	mg/kg	1	MCERTS	250	180	160	28	45	180
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.5	1.1	1.6	0.3	< 0.3	2.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	35	30	23	13	10	36
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	240	200	160	49	170	250

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	0.11	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	20	20	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	5.9	210	320	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	21	340	460	< 8.0	67
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	20	46	460	420	< 8.0	2500
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	26	72	1000	1200	< 10	2600

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	2.9	3.7	2.5	3.1	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532975		2532976		2532977		2532978		2532979		2532980	
Sample Reference	ECTP4		ECTP4		ECTP4		ECTP4		ECTP5		ECTP5	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.00		1.50		0.20		0.50	
Date Sampled	01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	11	10	110	110	< 2.0	3			
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	23	26	360	400	< 10	35			
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	46	58	710	620	21	720			
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	83	97	1200	1100	28	750			

VOCs

Compound	Units	Limit of detection	Accreditation Status	2532975	2532976	2532977	2532978	2532979	2532980
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532975		2532976		2532977		2532978		2532979		2532980	
Sample Reference	ECTP4		ECTP4		ECTP4		ECTP4		ECTP5		ECTP5	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.00		1.50		0.20		0.50	
Date Sampled	01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.56	4.2	0.61	0.29	0.07	0.12			
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.5	1	0.5	< 0.1	< 0.1	0.2			
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.11	0.09	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.66	0.39	0.6	1.1	0.08	< 0.05			
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	0.5	0.5	0.4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.6	0.39	0.69	< 0.05	0.05	0.12			
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	5.1	2.7	2.8	< 0.05	0.38	0.59			
Anthracene	mg/kg	0.05	MCERTS	1.2	0.74	0.69	< 0.05	0.09	0.14			
Carbazole	mg/kg	0.3	MCERTS	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number				2532975	2532976	2532977	2532978	2532979	2532980
Sample Reference				ECP4	ECP4	ECP4	ECP4	ECP5	ECP5
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.00	1.50	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	0.3	0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	5.7	3.7	2.8	0.87	0.44	1
Pyrene	mg/kg	0.05	MCERTS	5	3.4	3.1	2.7	0.51	1.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	2.6	2.1	1.8	0.37	0.22	0.87
Chrysene	mg/kg	0.05	MCERTS	2.7	2.2	1.6	0.61	0.27	0.81
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2.4	2.1	1.3	0.58	0.34	0.64
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	1.6	1.4	0.88	0.27	0.15	0.28
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2.3	2.2	1.4	0.42	0.32	0.72
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1.1	1	0.54	0.2	0.18	0.32
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.3	0.24	0.14	< 0.05	0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.4	1.3	0.84	0.3	0.27	0.58

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2532981	2532982	2532983	2532984	2532985	2532986			
Sample Reference	ECP5	ECP5	ECP6	ECP6	ECP6	ECP6			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.00	1.50	0.20	0.50	1.50	2.00			
Date Sampled	01/12/2022	01/12/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	28	< 0.1	63	52	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	14	16	1	8.2	29	22
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	Chrysotile & Crocidolite	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	< 0.001	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	< 0.001	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	DSA	DSA	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	8.1	9.3	8.5	6.5	6.9
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.03	-	0.079	-	0.087
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	61	-	160	-	170
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	30.4	-	79	-	87.3

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	10	8	1.6	12	21	8.8
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.5	0.3	< 0.2	< 0.2	1.2	0.5
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	40	31	14	24	27	19
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	40	32	14	24	29	19
Copper (aqua regia extractable)	mg/kg	1	MCERTS	64	51	50	60	150	55
Lead (aqua regia extractable)	mg/kg	1	MCERTS	150	96	11	130	440	150
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	8.7	1.5	< 0.3	< 0.3	2.5	1.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	54	43	170	87	72	37
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	180	130	82	180	570	220

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	7.1	2.8
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	0.2	< 0.001	< 0.001	95	36
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	17	16	< 1.0	< 1.0	11	4.7
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	200	170	< 2.0	18	87	22
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	280	270	14	27	48	23
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	300	400	180	130	48	43
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	800	850	190	180	300	130
TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	8.1	6.8	< 1.0	< 1.0	14	1.4

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532981	2532982	2532983	2532984	2532985	2532986			
Sample Reference	ECTP5	ECTP5	ECTP6	ECTP6	ECTP6	ECTP6			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.00	1.50	0.20	0.50	1.50	2.00			
Date Sampled	01/12/2022	01/12/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	110	110	< 2.0	9.2	62	11
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	240	250	< 10	29	35	22
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	280	320	240	220	39	38
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	640	690	240	260	150	72

VOCS

Compound	Units	Limit of detection	Accreditation Status	2532981	2532982	2532983	2532984	2532985	2532986
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	30	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	230	130

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532981	2532982	2532983	2532984	2532985	2532986			
Sample Reference	ECTP5	ECTP5	ECTP6	ECTP6	ECTP6	ECTP6			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.00	1.50	0.20	0.50	1.50	2.00			
Date Sampled	01/12/2022	01/12/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	0.3	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	1.5	1.6	0.15	3.7	23	3.1
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	1.4	1.5	0.2	1.7	19	2.6
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.33	< 0.05	0.05	0.19	0.34	0.13
Acenaphthene	mg/kg	0.05	MCERTS	7.1	6.1	0.15	1.2	22	2.9
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	3.2	3.3	< 0.2	1.1	14	1.9
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	4.1	3.9	0.17	0.99	16	2.8
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	8	10	0.19	2.5	17	4
Anthracene	mg/kg	0.05	MCERTS	2.1	2.9	0.08	0.66	3.7	1.7
Carbazole	mg/kg	0.3	MCERTS	< 0.3	0.9	< 0.3	< 0.3	< 0.3	0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2532981	2532982	2532983	2532984	2532985	2532986
Sample Reference				ECTP5	ECTP5	ECTP6	ECTP6	ECTP6	ECTP6
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	1.50	0.20	0.50	1.50	2.00
Date Sampled				01/12/2022	01/12/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.3
Fluoranthene	mg/kg	0.05	MCERTS	6	7.5	0.19	2.2	3.6	2.6
Pyrene	mg/kg	0.05	MCERTS	5.1	6.5	0.28	2.1	2.4	2.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	2.4	3.2	0.09	0.75	0.93	0.84
Chrysene	mg/kg	0.05	MCERTS	2.4	2.8	0.23	1.1	0.81	0.8
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2	2.3	< 0.05	0.98	0.74	0.69
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.89	1.6	< 0.05	0.49	0.36	0.32
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.8	2.1	< 0.05	0.83	0.55	0.58
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.74	0.91	< 0.05	0.39	0.3	0.32
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.22	0.29	< 0.05	0.12	0.1	0.08
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.89	1	< 0.05	0.55	0.42	0.48

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532987	2532988	2532989	2532990	2532991	2532992			
Sample Reference	ECTP7	ECTP7	ECTP7	ECTP7	ECTP8	ECTP8			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	45	< 0.1	30	46	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	6.4	11	13	11	9.1	10
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	0.9	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	Amosite
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	< 0.001
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	< 0.001
Asbestos Analyst ID	N/A	N/A	N/A	DSA	DSA	N/A	N/A	DSA	DSA

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	8.5	8.4	8.5	7.7	8.2
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.018	-	0.088	-	0.0087
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	35	-	180	-	17
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	17.6	-	87.8	-	8.7

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.2	5.4	9.6	15	8.3	7.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	0.4	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	36	12	10	9.9	36	27
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	36	12	10	10	36	27
Copper (aqua regia extractable)	mg/kg	1	MCERTS	44	21	43	54	11	18
Lead (aqua regia extractable)	mg/kg	1	MCERTS	97	27	24	54	33	61
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.7	0.6	< 0.3	< 0.3	0.5
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	85	12	13	12	43	38
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	140	34	82	61	69	76

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	2.7	< 1.0	5.9	6.4	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	7.8	< 2.0	17	14	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	19	< 8.0	< 8.0	< 8.0	< 8.0	11
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	88	< 8.0	< 8.0	< 8.0	< 8.0	69
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	120	< 10	23	20	< 10	80

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	9.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2532987		2532988		2532989		2532990		2532991		2532992	
Sample Reference	ECTP7		ECTP7		ECTP7		ECTP7		ECTP8		ECTP8	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	63	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	170	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	320	< 10	< 10	< 10	< 10	< 10	< 10	< 10	43
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	560	< 10	< 10	< 10	< 10	< 10	< 10	< 10	49

VOCS

Compound	Units	Limit of detection	Accreditation Status									
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532987	2532988	2532989	2532990	2532991	2532992
Sample Reference	ECTP7	ECTP7	ECTP7	ECTP7	ECTP8	ECTP8
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.2	< 0.1	< 0.1	0.5	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	5.5	0.05	0.08	0.06	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	8.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.23	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	5.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	7.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	54	0.14	0.14	0.12	< 0.05	0.48
Anthracene	mg/kg	0.05	MCERTS	12	< 0.05	0.06	< 0.05	< 0.05	0.08
Carbazole	mg/kg	0.3	MCERTS	2.8	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2532987	2532988	2532989	2532990	2532991	2532992
Sample Reference				ECTP7	ECTP7	ECTP7	ECTP7	ECTP8	ECTP8
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	3.6	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	40	0.24	0.22	0.17	0.12	1.2
Pyrene	mg/kg	0.05	MCERTS	43	0.25	0.23	0.2	0.12	1.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	18	0.15	0.13	0.11	0.06	0.44
Chrysene	mg/kg	0.05	MCERTS	15	0.12	0.14	0.08	< 0.05	0.53
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	16	0.15	0.13	0.1	0.07	0.66
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	6.9	0.08	0.1	0.08	< 0.05	0.2
Benzo(a)pyrene	mg/kg	0.05	MCERTS	16	0.14	0.17	0.13	0.07	0.51
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	6.6	0.06	0.08	0.06	< 0.05	0.28
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	1.7	< 0.05	< 0.05	< 0.05	< 0.05	0.06
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	9.4	0.09	0.12	0.1	< 0.05	0.33

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532993	2532994	2532995	2532996	2532997	2532998
Sample Reference	ECTP8	ECTP8	ECTP9	ECTP9	ECTP9	ECTP9
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	9.9	10	23
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	DSA	DSA	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	7.1	7.1	6.7	7.4	7.8
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0064	-	0.0045	-	0.081
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	13	-	9	-	160
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	6.4	-	4.5	-	81.2

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.1	6.8	7.6	8.2	9.4	11
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	29	31	34	34	39	39
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	29	32	35	34	39	40
Copper (aqua regia extractable)	mg/kg	1	MCERTS	15	11	4.3	4.8	4.6	4.8
Lead (aqua regia extractable)	mg/kg	1	MCERTS	34	40	11	10	9	12
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	38	37	41	40	46	45
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	70	91	49	44	43	50

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	12	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	12	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532993	2532994	2532995	2532996	2532997	2532998
Sample Reference	ECTP8	ECTP8	ECTP9	ECTP9	ECTP9	ECTP9
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	< 10	< 10	13

VOCS

Compound	Units	Limit of detection	Accreditation Status						
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tri bromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532993	2532994	2532995	2532996	2532997	2532998			
Sample Reference	ECTP8	ECTP8	ECTP9	ECTP9	ECTP9	ECTP9			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.7
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.07	< 0.05	0.1	0.19	0.05	0.14
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.07	< 0.05	0.06
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2532993	2532994	2532995	2532996	2532997	2532998
Sample Reference				ECTP8	ECTP8	ECTP9	ECTP9	ECTP9	ECTP9
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.18	0.1	0.26	0.73	0.11	0.38
Pyrene	mg/kg	0.05	MCERTS	0.16	0.1	0.24	0.64	0.11	0.36
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.09	0.07	0.14	0.28	0.05	0.14
Chrysene	mg/kg	0.05	MCERTS	0.1	< 0.05	0.12	0.23	< 0.05	0.15
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.14	0.07	0.12	0.21	0.05	0.15
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.06	< 0.05	0.12	0.17	< 0.05	0.08
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.14	0.08	0.14	0.28	0.06	0.15
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.07	< 0.05	0.07	0.12	< 0.05	0.07
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.1	< 0.05	0.1	0.16	< 0.05	0.11

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532999	2533000	2533001	2533002	2533003	2533004			
Sample Reference	ECTP10	ECTP10	ECTP10	ECTP10	ECTP11	ECTP11			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	30	43	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	10	15	18	11	10
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Amosite & Crocidolite	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	DSA	DSA	N/A	N/A	SZS	SZS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	8.3	8.2	8.2	8.4	7.7
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.009	-	0.017	-	0.0032
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	18	-	33	-	6.3
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	9	-	16.6	-	3.2

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	11	6.7	6.4	5.8	9.7	5.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	19	11	13	15	29	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	19	11	14	15	29	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	51	35	9.6	13	18	4.5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	140	62	20	17	69	17
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	0.4	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	44	23	13	15	39	31
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	220	86	35	35	74	36

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	0.097	0.035	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	4.3	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	22	4.7	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	17	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	20	9.8	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	20	< 10	46	14	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	0.016	0.028	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	2	< 1.0	2.4	1.9	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2532999	2533000	2533001	2533002	2533003	2533004			
Sample Reference	ECTP10	ECTP10	ECTP10	ECTP10	ECTP11	ECTP11			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	11	4	24	8	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	29	19	20	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	67	67	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	110	90	53	21	< 10	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status						
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	20	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	15	10	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2532999	2533000	2533001	2533002	2533003	2533004
Sample Reference	ECTP10	ECTP10	ECTP10	ECTP10	ECTP11	ECTP11
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0

SVOCs

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.33	0.21	0.52	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.3	0.4	7	2.3	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.18	0.2	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.72	0.29	1.8	0.56	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	0.6	0.2	1.3	0.5	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.8	0.33	1.6	0.57	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	7.9	3.1	4.2	1.6	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	3	1.1	0.75	0.29	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	0.9	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2532999	2533000	2533001	2533002	2533003	2533004
Sample Reference				ECTP10	ECTP10	ECTP10	ECTP10	ECTP11	ECTP11
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	12	7.3	2.2	0.9	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	11	6.9	1.7	0.82	< 0.05	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	5.1	3.5	0.56	0.26	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	5	3.3	0.56	0.25	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	5.3	3.8	0.38	0.15	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	3.2	1.7	0.21	0.1	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	6	3.8	0.35	0.2	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	3.1	2	0.15	0.09	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.58	0.44	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	3.7	2.4	0.2	0.13	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533005	2533006	2533007	2533008	2533009	2533010
Sample Reference	ECTP11	ECTP11	ECTP12	ECTP12	ECTP12	ECTP12
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	10	7.3
Total mass of sample received	kg	0.001	NONE	1.3	0.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	SZS	SZS	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5	7.8	8	7.9	7.6	8.4
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0042	-	0.0071	-	0.0033
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	8.4	-	14	-	6.5
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	4.2	-	7.1	-	3.3

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.8	6.9	7.1	6	13	5.4
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	28	28	22	27	23	22
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	28	28	22	27	24	22
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.3	3.5	9	5.4	72	3.7
Lead (aqua regia extractable)	mg/kg	1	MCERTS	27	26	31	17	230	8.1
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	0.3	< 0.3	1	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	33	34	26	33	38	25
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	35	36	48	41	290	32

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	0.77	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	1.2	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	150	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	3200	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	7200	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	7000	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	18000	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	69	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533005	2533006	2533007	2533008	2533009	2533010
Sample Reference	ECTP11	ECTP11	ECTP12	ECTP12	ECTP12	ECTP12
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	< 10	< 10	< 10

VOCS

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238

Project / Site name: Ardrossan

Lab Sample Number	2533005		2533006		2533007		2533008		2533009		2533010	
Sample Reference	ECTP11		ECTP11		ECTP12		ECTP12		ECTP12		ECTP12	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.50		3.00	
Date Sampled	30/11/2022		30/11/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1.3	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.6	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	4.4	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	9.8	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number				2533005	2533006	2533007	2533008	2533009	2533010
Sample Reference				ECTP11	ECTP11	ECTP12	ECTP12	ECTP12	ECTP12
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	5.2	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.6	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	4.1	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	1	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	0.29	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.91	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533011	2533012	2533013	2533014	2533015	2533016
Sample Reference	ECTP13	ECTP13	ECTP13	ECTP13	ECTP14	ECTP14
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	13	15	16
Total mass of sample received	kg	0.001	NONE	0.8	0.8	0.8

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SZS	SZS	N/A	N/A	SZS	SZS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	8.5	7.9	7.7	7.9	8.1
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.032	-	0.078	-	0.035
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	64	-	160	-	69
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	32.1	-	77.5	-	34.6

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	9.2	20	18	4.7	9.4	5.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	1	1.1	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	26	25	26	31	23	27
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	26	26	26	31	24	27
Copper (aqua regia extractable)	mg/kg	1	MCERTS	66	120	94	3.2	41	2.8
Lead (aqua regia extractable)	mg/kg	1	MCERTS	230	430	360	13	160	7.4
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.8	1.1	0.5	< 0.3	0.9	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	39	61	51	35	34	32
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	320	590	390	32	190	30

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	22	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	270	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	2.7	330	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	11	1900	3.5	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	21	25	2000	20	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	12	120	130	850	57	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	16	140	170	5400	81	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	13	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	1.5	91	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2533011		2533012		2533013		2533014		2533015		2533016	
Sample Reference	ECTP13		ECTP13		ECTP13		ECTP13		ECTP14		ECTP14	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	01/12/2022		01/12/2022		01/12/2022		01/12/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	4.6	910	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	1300	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	13	82	75	710	56	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	13	88	88	3000	63	< 10	< 10	< 10	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status									
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	29000	-	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533011		2533012		2533013		2533014		2533015		2533016	
Sample Reference	ECTP13		ECTP13		ECTP13		ECTP13		ECTP14		ECTP14	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	01/12/2022		01/12/2022		01/12/2022		01/12/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0

SVOCs

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	2533011	2533012	2533013	2533014	2533015	2533016
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.55	0.27	< 0.05	0.11	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.2	0.6	0.4	7.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.09	0.14	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.06	< 0.05	6	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	0.3	< 0.2	2.9	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.07	0.12	5.1	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.16	1.1	1	8.4	0.39	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.05	0.56	0.28	2.3	0.13	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number				2533011	2533012	2533013	2533014	2533015	2533016
Sample Reference				ECTP13	ECTP13	ECTP13	ECTP13	ECTP14	ECTP14
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.23	1.2	1.6	3.9	0.62	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.22	1.1	1.5	3.3	0.57	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.13	0.51	0.75	0.63	0.28	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.12	0.73	1	0.6	0.32	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.15	0.72	1.3	0.29	0.34	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.11	0.35	0.32	0.21	0.19	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.15	0.5	0.83	0.22	0.34	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.09	0.32	0.59	< 0.05	0.18	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.07	0.12	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.15	0.48	0.73	< 0.05	0.24	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533017	2533018	2533019	2533020	2533021	2533022
Sample Reference	ECTP14	ECTP14	ECTP15	ECTP15	ECTP15	ECTP15
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8.7	11	14
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	SZS	SZS	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	7.8	8.2	8.4	7.9	7.9
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.076	-	0.02	-	0.0078
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	150	-	39	-	16
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	76.4	-	19.7	-	7.8

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.8	5.4	6.9	7	6.3	6.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	26	25	11	9.5	22	29
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	26	25	11	9.6	22	29
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.9	7.5	19	22	7.5	3.6
Lead (aqua regia extractable)	mg/kg	1	MCERTS	10	14	17	17	16	8.6
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	31	33	11	8.6	26	33
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	36	49	42	41	39	34

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2533017		2533018		2533019		2533020		2533021		2533022	
Sample Reference	ECTP14		ECTP14		ECTP15		ECTP15		ECTP15		ECTP15	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.50		3.00	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status	2533017	2533018	2533019	2533020	2533021	2533022
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tri bromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533017	2533018	2533019	2533020	2533021	2533022			
Sample Reference	ECTP14	ECTP14	ECTP15	ECTP15	ECTP15	ECTP15			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.12	0.09	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533017	2533018	2533019	2533020	2533021	2533022
Sample Reference				ECTP14	ECTP14	ECTP15	ECTP15	ECTP15	ECTP15
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.31	0.22	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.36	0.24	< 0.05	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.17	0.13	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.21	0.18	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.15	0.15	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.14	0.11	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.19	0.17	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.07	0.07	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.12	0.11	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533023	2533024	2533025	2533026	2533027	2533028			
Sample Reference	ECTP16	ECTP16	ECTP16	ECTP16	ECTP17	ECTP17			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	53	< 0.1	< 0.1	< 0.1	28	< 0.1
Moisture Content	%	0.01	NONE	9.2	11	7.2	6.1	11	25
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	EC	EC	N/A	N/A	EC	EC

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	7.6	8.1	7.8	8.2	7.9
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.024	-	0.0077	-	0.01
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	48	-	15	-	20
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	23.9	-	7.7	-	10.1

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	49	16	5.6	5.6	22	8.4
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.2	< 0.2	< 0.2	< 0.2	< 0.2	0.4
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	16	17	25	27	14	23
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	16	17	25	27	14	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	130	67	6.7	4.5	65	27
Lead (aqua regia extractable)	mg/kg	1	MCERTS	180	190	10	11	75	100
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.6	0.5	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	32	39	31	33	21	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	290	200	34	34	130	140

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	5.9	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	21	< 8.0	< 8.0	< 8.0	18	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	21	< 10	< 10	< 10	31	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	2	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2533023		2533024		2533025		2533026		2533027		2533028	
Sample Reference	ECTP16		ECTP16		ECTP16		ECTP16		ECTP17		ECTP17	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	5.9	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	14	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	20	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10	42	< 10	< 10	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status	2533023	2533024	2533025	2533026	2533027	2533028
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533023		2533024		2533025		2533026		2533027		2533028	
Sample Reference	ECTP16		ECTP16		ECTP16		ECTP16		ECTP17		ECTP17	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0

SVOCs

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	2533023	2533024	2533025	2533026	2533027	2533028
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.2	0.13	< 0.05	< 0.05	1.5	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.3	0.1	< 0.1	< 0.1	2.8	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.05	< 0.05	< 0.05	< 0.05	0.71	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	0.7	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.06	< 0.05	< 0.05	< 0.05	0.68	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.86	0.39	0.19	< 0.05	4.8	0.2
Anthracene	mg/kg	0.05	MCERTS	0.18	0.14	0.05	< 0.05	0.94	0.08
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533023	2533024	2533025	2533026	2533027	2533028
Sample Reference				ECTP16	ECTP16	ECTP16	ECTP16	ECTP17	ECTP17
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	0.4	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	1.3	0.69	0.43	< 0.05	4.4	0.48
Pyrene	mg/kg	0.05	MCERTS	1.1	0.67	0.43	< 0.05	4.1	0.45
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.53	0.34	0.23	< 0.05	1.8	0.31
Chrysene	mg/kg	0.05	MCERTS	0.59	0.39	0.2	< 0.05	2	0.3
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.68	0.42	0.24	< 0.05	1.6	0.33
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.28	0.23	0.11	< 0.05	1	0.16
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.49	0.38	0.24	< 0.05	1.6	0.31
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.23	0.22	0.1	< 0.05	0.71	0.15
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.05	0.05	< 0.05	< 0.05	0.17	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.29	0.31	0.09	< 0.05	0.86	0.21

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533029	2533030	2533031	2533032	2533033	2533034
Sample Reference	ECTP17	ECTP17	ECTP18	ECTP18	ECTP18	ECTP18
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	10	16
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	EC	EC	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.5	8.2	7.9	8.2	7.9	7.7
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.011	-	0.019	-	0.015
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	22	-	38	-	29
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	10.9	-	19.1	-	14.7

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.2	7.6	37	32	16	11
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	20	28	21	17	27	25
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	28	22	18	27	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	30	12	140	130	42	28
Lead (aqua regia extractable)	mg/kg	1	MCERTS	85	56	240	280	230	170
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	35	35	29	27	34	31
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	130	58	240	240	160	130

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	2.2	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	25	38	14	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	< 10	< 10	27	47	15	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533029	2533030	2533031	2533032	2533033	2533034
Sample Reference	ECTP17	ECTP17	ECTP18	ECTP18	ECTP18	ECTP18
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	13
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	11	< 10	17
				27	< 10	< 10

VOCS

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number				2533029	2533030	2533031	2533032	2533033	2533034
Sample Reference				ECTP17	ECTP17	ECTP18	ECTP18	ECTP18	ECTP18
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Analytical Parameter	Units	Limit of detection	Accreditation Status	2533029	2533030	2533031	2533032	2533033	2533034
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.08	0.06	0.16	0.16	0.08	0.07
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.1	< 0.1	0.2	0.2	0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.07	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.1	0.06	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.48	0.11	0.91	0.66	0.34	0.31
Anthracene	mg/kg	0.05	MCERTS	0.16	0.05	0.24	0.2	0.08	0.13
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533029	2533030	2533031	2533032	2533033	2533034
Sample Reference				ECTP17	ECTP17	ECTP18	ECTP18	ECTP18	ECTP18
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.74	0.15	1.3	1.2	0.5	1.2
Pyrene	mg/kg	0.05	MCERTS	0.7	0.16	1.3	1.2	0.44	1.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.35	0.09	0.7	0.68	0.27	0.55
Chrysene	mg/kg	0.05	MCERTS	0.36	0.06	0.78	0.85	0.28	0.6
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.42	0.09	0.8	0.87	0.24	0.59
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.2	0.06	0.35	0.4	0.27	0.29
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.35	0.09	0.72	0.77	0.27	0.55
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.19	< 0.05	0.31	0.37	0.14	0.26
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.1	0.09	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.26	< 0.05	0.44	0.54	0.21	0.37

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533035	2533036	2533037	2533038	2533039	2533040
Sample Reference	ECTP19	ECTP19	ECTP19	ECTP19	ECTP20	ECTP20
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	4.00	0.20	0.50
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	14	4.6
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	Chrysotile	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	0.013	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	0.013	-
Asbestos Analyst ID	N/A	N/A	N/A	EC	EC	N/A	N/A	EC	EC

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	8.2	8.4	7.4	8.2	7.5
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.024	-	0.028	-	0.048
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	47	-	55	-	96
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	23.7	-	27.7	-	48.1

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.2	6.7	4.7	8.1	16	14
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	11	12	22	19	16	17
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	12	12	22	19	16	18
Copper (aqua regia extractable)	mg/kg	1	MCERTS	41	35	3.3	32	85	92
Lead (aqua regia extractable)	mg/kg	1	MCERTS	23	22	5.9	28	85	65
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	12	13	25	21	33	28
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	63	82	27	57	140	160

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	6.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	100	3	3.9	5.9	6.1	4.4
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	160	16	25	22	25	14
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	210	34	36	55	100	48
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	480	52	65	84	130	67

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533035		2533036		2533037		2533038		2533039		2533040	
Sample Reference	ECTP19		ECTP19		ECTP19		ECTP19		ECTP20		ECTP20	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		4.00		0.20		0.50	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	21	2.1	< 2.0	6.1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	130	17	< 10	30	30	30	17	17	17
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	290	63	< 10	93	150	150	100	100	100
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	440	82	< 10	130	180	180	120	120	120

VOCS

Compound	Units	Limit of detection	Accreditation Status									
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2533035		2533036		2533037		2533038		2533039		2533040	
Sample Reference	ECTP19		ECTP19		ECTP19		ECTP19		ECTP20		ECTP20	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		4.00		0.20		0.50	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0

SVOCs

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	2533035	2533036	2533037	2533038	2533039	2533040
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.5
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.13	0.1
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.28	0.17
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.28	0.12
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.39	0.14
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.05	< 0.05	0.19	4.7	1.9
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.06	< 0.05	0.07	1.9	0.95
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number				2533035	2533036	2533037	2533038	2533039	2533040
Sample Reference				ECTP19	ECTP19	ECTP19	ECTP19	ECTP20	ECTP20
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	4.00	0.20	0.50
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.43	0.55	< 0.05	0.42	11	6.9
Pyrene	mg/kg	0.05	MCERTS	0.67	0.54	< 0.05	0.42	10	6.5
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.3	0.29	< 0.05	0.24	5.7	3.6
Chrysene	mg/kg	0.05	MCERTS	0.31	0.27	< 0.05	0.27	4.4	2.7
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.43	0.39	< 0.05	0.26	5.9	4
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.19	0.49	< 0.05	0.16	2.7	1.4
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.41	0.26	< 0.05	0.28	6.1	3.9
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.23	0.12	< 0.05	0.15	3.1	2.1
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.65	0.44
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.31	0.17	< 0.05	0.21	3.6	2.5

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533041	2533042	2533043	2533044	2533045	2533046
Sample Reference	ECTP20	ECTP20	ECTP21	ECTP21	ECTP21	ECTP21
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	25	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	8.9	13
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	Chrysotile	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	< 0.001	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	< 0.001	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	WEM	EC	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.2	8.2	7.9	7.8	7.8	7.4
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.011	-	0.29	-	0.054
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	22	-	590	-	110
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	10.8	-	295	-	54.4

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	16	5.4	11	15	6.4	13
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	19	28	13	12	32	39
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	19	28	13	12	32	40
Copper (aqua regia extractable)	mg/kg	1	MCERTS	77	7.3	47	76	5.8	5.5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	66	8.9	44	74	11	8
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	0.4	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	29	32	14	16	39	47
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	140	36	100	180	48	44

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	5	1.9	2.8	2.7
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	21	< 2.0	73	61	7.6	19
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	62	< 8.0	110	100	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	230	< 8.0	170	160	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	310	< 10	360	330	10	24

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533041	2533042	2533043	2533044	2533045	2533046			
Sample Reference	ECTP20	ECTP20	ECTP21	ECTP21	ECTP21	ECTP21			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	5.7	< 2.0	18	14	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	52	< 10	110	81	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	210	< 10	220	190	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	270	< 10	350	280	< 10	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status	2533041	2533042	2533043	2533044	2533045	2533046
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533041		2533042		2533043		2533044		2533045		2533046	
Sample Reference	ECTP20		ECTP20		ECTP21		ECTP21		ECTP21		ECTP21	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.50		3.00	
Date Sampled	30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022		30/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

SVOCs

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	2533041	2533042	2533043	2533044	2533045	2533046
Aniline	mg/kg	0.1	NONE	0.3	< 0.1	< 0.1	< 0.1	< 0.1	0.3
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.12	< 0.05	< 0.05	0.12	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.1	< 0.1	0.1	0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.32	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.23	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.34	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	4.7	0.08	0.38	0.5	< 0.05	0.19
Anthracene	mg/kg	0.05	MCERTS	2.3	0.05	0.21	0.32	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533041	2533042	2533043	2533044	2533045	2533046
Sample Reference				ECTP20	ECTP20	ECTP21	ECTP21	ECTP21	ECTP21
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	18	0.19	1.2	1.4	< 0.05	0.25
Pyrene	mg/kg	0.05	MCERTS	17	0.2	1.2	1.4	< 0.05	0.23
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	8	0.11	0.56	0.72	< 0.05	0.1
Chrysene	mg/kg	0.05	MCERTS	6.9	0.09	0.55	0.77	< 0.05	0.08
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	7.4	0.1	0.55	0.81	< 0.05	0.09
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	4.8	0.06	0.49	0.44	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	8.7	0.1	0.61	0.84	< 0.05	0.08
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	4.2	< 0.05	0.35	0.44	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.83	< 0.05	0.08	0.09	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	4.8	0.06	0.46	0.56	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533047	2533048	2533049	2533050	2533051	2533052
Sample Reference	ECTP22	ECTP22	ECTP22	ECTP22	ECTP23	ECTP23
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	17	3.1	3.9
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	Chrysotile	Crocidolite
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Detected	Detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	< 0.001	< 0.001
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	< 0.001	< 0.001
Asbestos Analyst ID	N/A	N/A	N/A	WEM	WEM	N/A	N/A	DSA	DSA

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.7	7	7	7.8	8.2	8.1
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0085	-	0.057	-	0.018
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	17	-	110	-	36
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	8.5	-	57.2	-	17.8

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	52	5.5	5.7	4.9	9.5	7.1
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	22	18	18	29	22	31
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	18	18	30	22	32
Copper (aqua regia extractable)	mg/kg	1	MCERTS	56	2.7	3.9	3.4	33	3.4
Lead (aqua regia extractable)	mg/kg	1	MCERTS	160	23	12	6.1	140	7.9
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.2	< 0.3	< 0.3	< 0.3	1.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	34	21	20	35	32	38
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	210	28	37	29	200	33

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	3.7	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	7.2	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	350	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	1700	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	1600	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	23	< 8.0	< 8.0	14	37	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	27	< 10	< 10	3700	41	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	85	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533047	2533048	2533049	2533050	2533051	2533052
Sample Reference	ECTP22	ECTP22	ECTP22	ECTP22	ECTP23	ECTP23
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	47	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	53	< 10	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status						
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533047	2533048	2533049	2533050	2533051	2533052
Sample Reference	ECTP22	ECTP22	ECTP22	ECTP22	ECTP23	ECTP23
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	8.2	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	3.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.05	< 0.05	< 0.05	6.4	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.45	< 0.05	< 0.05	10	0.13	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.17	< 0.05	< 0.05	2.5	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533047	2533048	2533049	2533050	2533051	2533052
Sample Reference				ECTP22	ECTP22	ECTP22	ECTP22	ECTP23	ECTP23
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	30/11/2022	30/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.57	< 0.05	< 0.05	4.9	0.25	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.59	< 0.05	< 0.05	4.8	0.25	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.25	< 0.05	< 0.05	0.74	0.13	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.28	< 0.05	< 0.05	0.84	0.18	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.29	< 0.05	< 0.05	0.46	0.24	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.16	< 0.05	< 0.05	0.22	0.07	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.28	< 0.05	< 0.05	0.34	0.18	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.12	< 0.05	< 0.05	0.09	0.11	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.19	< 0.05	< 0.05	0.16	0.14	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533053	2533054	2533055	2533056	2533057	2533058
Sample Reference	ECTP23	ECTP23	ECTP24	ECTP24	ECTP24	ECTP24
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	20	17	11
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	WEM	WEM	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7	7.5	8.4	8.7	8.9	8.8
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.088	-	0.016	-	0.032
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	180	-	31	-	65
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	87.7	-	15.6	-	32.3

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.4	7.4	10	6	3.8	3.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	0.6	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	32	32	12	11	11	10
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	32	32	12	11	12	10
Copper (aqua regia extractable)	mg/kg	1	MCERTS	4.8	3.7	67	9.5	5.3	5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	10	11	1000	10	6.7	9.1
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	37	37	21	9.9	11	8.9
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	34	37	190	24	26	23

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	25	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	< 10	< 10	26	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533053	2533054	2533055	2533056	2533057	2533058
Sample Reference	ECTP23	ECTP23	ECTP24	ECTP24	ECTP24	ECTP24
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled	30/11/2022	30/11/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	< 10	< 10	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status						
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tri bromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533053		2533054		2533055		2533056		2533057		2533058	
Sample Reference	ECTP23		ECTP23		ECTP24		ECTP24		ECTP24		ECTP24	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.50		3.00	
Date Sampled	30/11/2022		30/11/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.15	0.15	0.27	0.06	< 0.05	< 0.05	< 0.05	0.18	0.18
Anthracene	mg/kg	0.05	MCERTS	0.05	0.05	0.06	< 0.05	< 0.05	< 0.05	< 0.05	0.09	0.09
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533053	2533054	2533055	2533056	2533057	2533058
Sample Reference				ECTP23	ECTP23	ECTP24	ECTP24	ECTP24	ECTP24
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				30/11/2022	30/11/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.18	0.28	0.6	0.24	0.09	0.67
Pyrene	mg/kg	0.05	MCERTS	0.2	0.26	0.59	0.28	0.09	0.67
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.11	0.1	0.28	0.13	< 0.05	0.31
Chrysene	mg/kg	0.05	MCERTS	0.07	0.13	0.34	0.12	< 0.05	0.33
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.07	0.09	0.32	0.12	< 0.05	0.25
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.06	0.25	< 0.05	< 0.05	0.16
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.06	0.11	0.32	0.12	< 0.05	0.26
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.05	0.14	0.05	< 0.05	0.11
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.07	0.2	0.07	< 0.05	0.16

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533059	2533060	2533061	2533062	2533063	2533064			
Sample Reference	ECTP25	ECTP25	ECTP25	ECTP25	ECTP26	ECTP26			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50			
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	27	< 0.1	56	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	9.5	11	8.2	13	9.7	11
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	WEM	WEM	N/A	N/A	KSZ	KSZ

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	10.5	9.6	9.3	8.8	7.6	8
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.066	-	0.048	-	0.08
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	130	-	96	-	160
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	65.8	-	48.1	-	80.4

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	4.9	5.7	7.3	7.8	12	27
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.2	< 0.2	0.5	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	14	12	15	10	18	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	15	13	15	10	18	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	22	29	39	21	48	91
Lead (aqua regia extractable)	mg/kg	1	MCERTS	150	470	450	14	120	130
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	23	26	39	11	39	42
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	85	120	760	32	140	160

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	2.3	< 2.0	3	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	8.5	10	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	34	58	82	< 8.0	38	86
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	40	67	95	< 10	49	91

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2533059		2533060		2533061		2533062		2533063		2533064	
Sample Reference	ECTP25		ECTP25		ECTP25		ECTP25		ECTP26		ECTP26	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	06/12/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	12
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	22	50	< 10	< 10	< 10	< 10	< 10	< 10	130
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	23	55	< 10	< 10	< 10	< 10	< 10	< 10	140

VOCS

Compound	Units	Limit of detection	Accreditation Status	2533059	2533060	2533061	2533062	2533063	2533064
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533059		2533060		2533061		2533062		2533063		2533064	
Sample Reference	ECTP25		ECTP25		ECTP25		ECTP25		ECTP26		ECTP26	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		3.00		0.20		0.50	
Date Sampled	06/12/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0

SVOCs

	mg/kg			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	1
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.1
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.3
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.1
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.3
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.13
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.3
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.1
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.1
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.3
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.1
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.07	< 0.05	0.24	0.13	< 0.3
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.1
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	0.3	0.2	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.05	0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05	< 0.2
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.3
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05	< 0.3
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.3
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.1
Phenanthrene	mg/kg	0.05	MCERTS	0.1	0.17	0.15	< 0.05	0.98	0.61	< 0.2
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.06	< 0.05	< 0.05	0.28	0.2	< 0.3
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533059	2533060	2533061	2533062	2533063	2533064
Sample Reference				ECTP25	ECTP25	ECTP25	ECTP25	ECTP26	ECTP26
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	3.00	0.20	0.50
Date Sampled				06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.19	0.38	0.28	< 0.05	2.1	1.2
Pyrene	mg/kg	0.05	MCERTS	0.22	0.43	0.3	< 0.05	2	1.2
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.13	0.19	0.17	< 0.05	1	0.6
Chrysene	mg/kg	0.05	MCERTS	0.1	0.23	0.16	< 0.05	1.1	0.72
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.13	0.22	0.17	< 0.05	0.99	0.74
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.05	0.1	0.1	< 0.05	0.72	0.34
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.12	0.24	0.17	< 0.05	1.1	0.69
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.09	0.08	< 0.05	0.47	0.31
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.12	0.08
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.15	0.14	< 0.05	0.54	0.4

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533065	2533066	2533067	2533068	2533069	2533070			
Sample Reference	ECTP26	ECTP26	ECTP27	ECTP27	ECTP27	ECTP27			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00			
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Stone Content	%	0.1	NONE	50	< 0.1	51	67	< 0.1	8.3
Moisture Content	%	0.01	NONE	8	13	7.4	8.8	12	16
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KSZ	KSZ	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5	8.1	9	9.8	8.9	8.5
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.077	-	0.33	-	0.16
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	150	-	670	-	330
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	76.9	-	334	-	163

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	46	11	25	52	4.1	7.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.5
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	46	11	26	11	11	16
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	47	11	26	11	11	16
Copper (aqua regia extractable)	mg/kg	1	MCERTS	130	43	160	300	13	63
Lead (aqua regia extractable)	mg/kg	1	MCERTS	170	35	160	220	11	19
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	52	15	50	29	10	15
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	230	88	260	320	47	140

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	0.078	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	3.1	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	22	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	20	< 8.0	37	180	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	20	< 10	42	200	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2533065	2533066	2533067	2533068	2533069	2533070			
Sample Reference	ECTP26	ECTP26	ECTP27	ECTP27	ECTP27	ECTP27			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	3.00	0.20	0.50	1.50	3.00			
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	8.6	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	42	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	53	110	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	13	< 10	58	170	< 10	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status	2533065	2533066	2533067	2533068	2533069	2533070
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2533065		2533066		2533067		2533068		2533069		2533070	
Sample Reference	ECTP26		ECTP26		ECTP27		ECTP27		ECTP27		ECTP27	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	1.50		3.00		0.20		0.50		1.50		3.00	
Date Sampled	06/12/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022		06/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

SVOCs

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Aniline	mg/kg	0.1	NONE	0.6	0.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.21	0.08	0.56	1.7	< 0.05	0.18			
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.3	< 0.1	0.6	1.8	< 0.1	0.1			
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.06	< 0.05	0.06	0.14	< 0.05	< 0.05			
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.12	2.8	< 0.05	0.2			
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	1.4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.05	< 0.05	0.12	2.3	< 0.05	0.16			
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.76	0.15	0.85	16	0.23	0.23			
Anthracene	mg/kg	0.05	MCERTS	0.25	0.08	0.27	3.6	0.07	0.21			
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	1.4	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533065	2533066	2533067	2533068	2533069	2533070
Sample Reference				ECTP26	ECTP26	ECTP27	ECTP27	ECTP27	ECTP27
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	3.00	0.20	0.50	1.50	3.00
Date Sampled				06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	1.5	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	1.4	0.38	1.1	12	0.43	0.95
Pyrene	mg/kg	0.05	MCERTS	1.3	0.43	1.1	13	0.48	1.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.65	0.21	0.56	5.7	0.25	0.51
Chrysene	mg/kg	0.05	MCERTS	0.76	0.19	0.71	4.7	0.24	0.46
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.61	0.18	1	4.2	0.25	0.42
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.51	0.12	0.39	2.5	0.12	0.22
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.64	0.22	1.1	4.6	0.23	0.45
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.33	0.09	0.75	1.9	0.11	0.18
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.08	< 0.05	0.14	0.53	< 0.05	0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.41	0.13	1	2.7	0.16	0.26

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533071	2533072	2533073	2533074	2533075	2533076
Sample Reference	ECTP28	ECTP28	ECTP28	ECTP28	ECTP29	ECTP29
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	14	11	14
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	Chrysotile
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	0.04
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	0.04
Asbestos Analyst ID	N/A	N/A	N/A	KSZ	KSZ	N/A	N/A	KSZ	KSZ

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	8.8	8.8	8.8	8.8	8.7
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.027	-	0.056	-	0.016
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	54	-	110	-	31
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	26.9	-	55.8	-	15.7

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	39	19	7.1	7.1	15	13
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.8	< 0.2	< 0.2	< 0.2	1.3	0.5
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	22	11	16	17	22	21
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	11	16	17	24	22
Copper (aqua regia extractable)	mg/kg	1	MCERTS	230	140	21	15	69	53
Lead (aqua regia extractable)	mg/kg	1	MCERTS	290	39	14	15	130	88
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	57	15	16	18	100	53
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	460	190	58	52	300	140

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	2.3	< 1.0	< 1.0	< 1.0	< 1.0	1.3
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	26	< 2.0	< 2.0	< 2.0	< 2.0	17
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	32	< 8.0	< 8.0	< 8.0	71	64
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	110	< 8.0	< 8.0	< 8.0	130	170
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	170	< 10	< 10	< 10	220	250

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533071	2533072	2533073	2533074	2533075	2533076
Sample Reference	ECTP28	ECTP28	ECTP28	ECTP28	ECTP29	ECTP29
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	21	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	29	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	110	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	160	< 10	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status						
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2533071	2533072	2533073	2533074	2533075	2533076
Sample Reference	ECTP28	ECTP28	ECTP28	ECTP28	ECTP29	ECTP29
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0

SVOCs

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Aniline	mg/kg	0.1	NONE	< 0.1	0.5	0.7	0.5	< 0.1	0.3
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.78	< 0.05	< 0.05	< 0.05	0.1	0.1
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	1.1	0.1	< 0.1	< 0.1	0.2	0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.18	< 0.05	< 0.05	< 0.05	0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.21	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	0.5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.23	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	1.4	0.19	0.1	0.1	0.3	0.78
Anthracene	mg/kg	0.05	MCERTS	0.67	0.11	< 0.05	0.07	0.09	0.23
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533071	2533072	2533073	2533074	2533075	2533076
Sample Reference				ECTP28	ECTP28	ECTP28	ECTP28	ECTP29	ECTP29
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled				06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022	06/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	0.5	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	3.5	0.49	0.22	0.28	0.64	1.2
Pyrene	mg/kg	0.05	MCERTS	3.2	0.5	0.23	0.36	0.67	1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.2	0.23	0.1	0.14	0.32	0.67
Chrysene	mg/kg	0.05	MCERTS	1.6	0.27	0.09	0.13	0.42	0.51
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1.4	0.22	0.1	0.12	0.55	0.62
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.49	0.16	0.05	0.06	0.15	0.3
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.87	0.22	0.11	0.13	0.39	0.46
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.41	0.1	< 0.05	0.05	0.27	0.22
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.11	< 0.05	< 0.05	< 0.05	0.05	0.07
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.5	0.14	0.07	0.09	0.34	0.33

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533077	2533078	2533079	2533080	2533081	2533082
Sample Reference	ECTP29	ECTP29	ECTP30	ECTP30	ECTP30	ECTP30
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.50	2.50	0.20	0.50	1.50	2.00
Date Sampled	06/12/2022	06/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	12	8.9
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	Amosite	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	< 0.001	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	< 0.001	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KSZ	KSZ	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.6	7.8	7.5	7.3	7.3	6.8
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.065	-	0.0019	-	0.0026
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	130	-	3.8	-	5.1
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	65.4	-	1.9	-	2.6

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.3	7.3	8	6.6	4.8	6.2
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	9.6	9.1	24	24	26	30
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	9.8	9.1	25	24	26	30
Copper (aqua regia extractable)	mg/kg	1	MCERTS	22	21	22	14	4.3	9.5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	21	19	230	59	5.2	11
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	15	11	33	31	32	37
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	38	30	120	72	28	39

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	0.99	0.1	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	59	48	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	250	220	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	230	230	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	340	310	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	880	800	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	0.021	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	45	9.8	4.3	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533077	2533078	2533079	2533080	2533081	2533082			
Sample Reference	ECTP29	ECTP29	ECTP30	ECTP30	ECTP30	ECTP30			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	2.50	0.20	0.50	1.50	2.00			
Date Sampled	06/12/2022	06/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	230	100	8.2	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	420	220	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	680	300	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	1400	630	13	< 10	< 10	< 10

VOCS

Compound	Units	Limit of detection	Accreditation Status						
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tri bromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533077	2533078	2533079	2533080	2533081	2533082			
Sample Reference	ECTP29	ECTP29	ECTP30	ECTP30	ECTP30	ECTP30			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.50	2.50	0.20	0.50	1.50	2.00			
Date Sampled	06/12/2022	06/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.59	0.53	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.66	0.54	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	1.1	1.7	0.05	0.08	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.15	0.66	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533077	2533078	2533079	2533080	2533081	2533082
Sample Reference				ECTP29	ECTP29	ECTP30	ECTP30	ECTP30	ECTP30
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	2.50	0.20	0.50	1.50	2.00
Date Sampled				06/12/2022	06/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.3	2.6	0.09	0.22	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.4	2.4	0.09	0.21	< 0.05	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.4	1.1	< 0.05	0.12	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.43	1	< 0.05	0.1	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.1	0.96	< 0.05	0.13	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.05	0.44	< 0.05	0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	1	< 0.05	0.12	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.43	< 0.05	0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.61	< 0.05	0.06	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533083	2533084	2533085	2533086	2533087	2533088
Sample Reference	ECTP31	ECTP31	ECTP31	ECTP31	ECTP32	ECTP32
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8.9	10	13
Total mass of sample received	kg	0.001	NONE	1.3	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	PDO	PDO	N/A	N/A	PDO	PDO

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8	7.2	6.8	6.9	7	6.9
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0013	-	0.0042	-	0.014
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	2.6	-	8.4	-	28
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	1.3	-	4.2	-	14.2

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	12	4.9	6	7	6	5.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	21	28	27	30	21	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	21	29	27	30	21	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	91	3.3	5.7	6.3	17	4.3
Lead (aqua regia extractable)	mg/kg	1	MCERTS	210	9.6	11	26	20	26
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	35	34	32	36	26	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	200	63	36	37	52	32

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	9.2	130
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	30	340
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	90	< 8.0	< 8.0	< 8.0	44	550
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	93	< 10	< 10	< 10	83	1000

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number	2533083		2533084		2533085		2533086		2533087		2533088	
Sample Reference	ECTP31		ECTP31		ECTP31		ECTP31		ECTP32		ECTP32	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		2.00		0.20		0.50	
Date Sampled	01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	49
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	13	320	
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	36	< 10	< 10	< 10	< 10	< 10	28	790	
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	37	< 10	< 10	< 10	< 10	< 10	42	1200	

VOCS

Compound	Units	Limit of detection	Accreditation Status	2533083	2533084	2533085	2533086	2533087	2533088
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number	2533083		2533084		2533085		2533086		2533087		2533088	
Sample Reference	ECTP31		ECTP31		ECTP31		ECTP31		ECTP32		ECTP32	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.20		0.50		1.50		2.00		0.20		0.50	
Date Sampled	01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0

SVOCs

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	2533083	2533084	2533085	2533086	2533087	2533088
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.12	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	2.2	< 0.05	< 0.05	< 0.05	0.13	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.47	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533083	2533084	2533085	2533086	2533087	2533088
Sample Reference				ECTP31	ECTP31	ECTP31	ECTP31	ECTP32	ECTP32
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	1.50	2.00	0.20	0.50
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Antraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	3.4	< 0.05	< 0.05	< 0.05	0.26	< 0.05
Pyrene	mg/kg	0.05	MCERTS	3.1	< 0.05	< 0.05	< 0.05	0.28	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.6	< 0.05	< 0.05	< 0.05	0.13	< 0.05
Chrysene	mg/kg	0.05	MCERTS	1.5	< 0.05	< 0.05	< 0.05	0.2	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1.4	< 0.05	< 0.05	< 0.05	0.15	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.85	< 0.05	< 0.05	< 0.05	0.07	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.3	< 0.05	< 0.05	< 0.05	0.14	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.59	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.17	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.71	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13238

Project / Site name: Ardrossan

Lab Sample Number				2533089	2533090
Sample Reference				ECTP32	ECTP32
Sample Number				None Supplied	None Supplied
Depth (m)				1.50	3.00
Date Sampled				01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		
Stone Content	%	0.1	NONE	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	7.9	8.7
Total mass of sample received	kg	0.001	NONE	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7	7.2
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	g/l	0.00125	MCERTS	-	0.0066
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/kg	2.5	MCERTS	-	13
Water Soluble SO4 (2:1 Leach. Equiv.) 1hr extraction	mg/l	1.25	MCERTS	-	6.6

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.6	6.5
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	24	26
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	24	26
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.4	3.8
Lead (aqua regia extractable)	mg/kg	1	MCERTS	13	17
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	28	31
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	32	39

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	< 1.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number				2533089	2533090
Sample Reference				ECTP32	ECTP32
Sample Number				None Supplied	None Supplied
Depth (m)				1.50	3.00
Date Sampled				01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, ID, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	< 10	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13238
Project / Site name: Ardrossan

Lab Sample Number				2533089	2533090
Sample Reference				ECTP32	ECTP32
Sample Number				None Supplied	None Supplied
Depth (m)				1.50	3.00
Date Sampled				01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3

Sample Deviation Report



Analytical Report Number: 22-13238
 Project / Site name: Ardrossan

Lab Sample Number				2533089	2533090
Sample Reference				ECTP32	ECTP32
Sample Number				None Supplied	None Supplied
Depth (m)				1.50	3.00
Date Sampled				01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.1
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.09
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.06
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Analytical Report Number: 22-13238

Project / Site name: Adrossan

Your Order No:

Certificate of Analysis - Asbestos Quantification

Methods:**Qualitative Analysis**

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006-PL based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/ weighing (%)	Total % Asbestos in Sample
2532971	ECTP3	0.20	147	Loose Fibres	Chrysotile & Crocidolite	0.007	0.007
2532972	ECTP3	0.50	132	Loose Fibres & Loose Fibrous Debris	Chrysotile & Amosite & Crocidolite	0.046	0.046
2532975	ECTP4	0.20	133	Loose Fibres	Amosite	< 0.001	< 0.001
2532976	ECTP4	0.50	138	Loose Fibres	Chrysotile & Amosite & Crocidolite	< 0.001	< 0.001
2532984	ECTP6	0.50	147	Loose Fibres	Chrysotile & Crocidolite	< 0.001	< 0.001
2532992	ECTP8	0.50	134	Loose Fibres	Amosite	< 0.001	< 0.001
2532999	ECTP10	0.20	112	Loose Fibres	Amosite & Crocidolite	< 0.001	< 0.001
2533039	ECTP20	0.20	141	Loose Fibres	Chrysotile	0.013	0.013
2533044	ECTP21	0.50	135	Loose Fibres	Chrysotile	< 0.001	< 0.001
2533051	ECTP23	0.20	150	Loose Fibres	Chrysotile	< 0.001	< 0.001
2533052	ECTP23	0.50	133	Loose Fibres	Crocidolite	< 0.001	< 0.001
2533076	ECTP29	0.50	140	Loose Fibrous Debris	Chrysotile	0.040	0.040
2533079	ECTP30	0.20	122	Loose Fibres	Amosite	< 0.001	< 0.001

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Sample Deviation Report



Analytical Report Number : 22-13238

Project / Site name: Ardrossan

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Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2532963	ECTP1	None Supplied	0.2	Brown sandy loam with vegetation.
2532964	ECTP1	None Supplied	0.5	Brown sandy loam with vegetation.
2532965	ECTP1	None Supplied	1	Brown sand with vegetation.
2532966	ECTP1	None Supplied	1.5	Brown sand.
2532967	ECTP2	None Supplied	0.2	Brown clay and loam with gravel and vegetation.
2532968	ECTP2	None Supplied	0.5	Brown clay and sand with gravel and tar.
2532969	ECTP2	None Supplied	1.5	Brown sandy clay with gravel.
2532970	ECTP2	None Supplied	3	Brown sandy clay with gravel.
2532971	ECTP3	None Supplied	0.2	Brown loam and sand with gravel and stones.
2532972	ECTP3	None Supplied	0.5	Brown clay and sand with gravel.
2532973	ECTP3	None Supplied	1	Brown sandy clay.
2532974	ECTP3	None Supplied	1.5	Brown sandy clay.
2532975	ECTP4	None Supplied	0.2	Brown loam and sand with gravel.
2532976	ECTP4	None Supplied	0.5	Brown loam and clay with gravel.
2532977	ECTP4	None Supplied	1	Brown loam and sand with gravel and brick.
2532978	ECTP4	None Supplied	1.5	Grey clay and sand with gravel.
2532979	ECTP5	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2532980	ECTP5	None Supplied	0.5	Brown loam and sand with gravel and tar.
2532981	ECTP5	None Supplied	1	Brown clay and sand with gravel and tar.
2532982	ECTP5	None Supplied	1.5	Brown clay and sand with gravel and brick.
2532983	ECTP6	None Supplied	0.2	Brown loam and sand with gravel and tar.
2532984	ECTP6	None Supplied	0.5	Brown loam and sand with gravel and tar.
2532985	ECTP6	None Supplied	1.5	Grey clay and sand with gravel.
2532986	ECTP6	None Supplied	2	Grey clay and sand.
2532987	ECTP7	None Supplied	0.2	Brown loam and sand with gravel and stones.
2532988	ECTP7	None Supplied	0.5	Brown clay and sand with gravel.
2532989	ECTP7	None Supplied	1.5	Brown sandy clay with gravel and stones.
2532990	ECTP7	None Supplied	3	Brown clay and sand with stones.
2532991	ECTP8	None Supplied	0.2	Brown sand.
2532992	ECTP8	None Supplied	0.5	Brown sand with gravel.
2532993	ECTP8	None Supplied	1.5	Brown sand with gravel and vegetation.
2532994	ECTP8	None Supplied	3	Brown sand.
2532995	ECTP9	None Supplied	0.2	Brown sand.
2532996	ECTP9	None Supplied	0.5	Brown sand.
2532997	ECTP9	None Supplied	1.5	Brown sandy clay.
2532998	ECTP9	None Supplied	3	Brown sand.
2532999	ECTP10	None Supplied	0.2	Brown loam and sand with gravel and brick.
2533000	ECTP10	None Supplied	0.5	Brown loam and sand with gravel and stones.
2533001	ECTP10	None Supplied	1.5	Brown clay and sand with gravel.
2533002	ECTP10	None Supplied	3	Brown clay and sand.
2533003	ECTP11	None Supplied	0.2	Brown sand.
2533004	ECTP11	None Supplied	0.5	Brown sand.
2533005	ECTP11	None Supplied	1.5	Brown sand.
2533006	ECTP11	None Supplied	3	Brown sand.
2533007	ECTP12	None Supplied	0.2	Brown sand.
2533008	ECTP12	None Supplied	0.5	Brown sand with stones.
2533009	ECTP12	None Supplied	1.5	Grey sandy clay with gravel.
2533010	ECTP12	None Supplied	3	Brown sand.
2533011	ECTP13	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533012	ECTP13	None Supplied	0.5	Brown loam and sand with gravel and vegetation.
2533013	ECTP13	None Supplied	1.5	Brown sand with gravel.
2533014	ECTP13	None Supplied	3	Brown sand.
2533015	ECTP14	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
2533016	ECTP14	None Supplied	0.5	Brown sand.
2533017	ECTP14	None Supplied	1.5	Brown sand.
2533018	ECTP14	None Supplied	3	Brown sand.
2533019	ECTP15	None Supplied	0.2	Brown clay and sand with gravel and vegetation.
2533020	ECTP15	None Supplied	0.5	Brown loam and clay with gravel and vegetation.
2533021	ECTP15	None Supplied	1.5	Brown sand.

Sample Deviation Report



Analytical Report Number : 22-13238

Project / Site name: Ardrossan

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Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2533022	ECP15	None Supplied	3	Brown sand.
2533023	ECP16	None Supplied	0.2	Brown loam and sand with gravel and brick.
2533024	ECP16	None Supplied	0.5	Brown loam and clay with gravel.
2533025	ECP16	None Supplied	1.5	Light brown sand.
2533026	ECP16	None Supplied	3	Light brown sand.
2533027	ECP17	None Supplied	0.2	Brown loam and sand with gravel and tar.
2533028	ECP17	None Supplied	0.5	Brown clay and loam with vegetation.
2533029	ECP17	None Supplied	1.5	Brown loam and sand with gravel.
2533030	ECP17	None Supplied	3	Brown sand with gravel.
2533031	ECP18	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
2533032	ECP18	None Supplied	0.5	Brown loam and clay with gravel and vegetation.
2533033	ECP18	None Supplied	1.5	Brown sandy loam with gravel.
2533034	ECP18	None Supplied	3	Brown sand with gravel and vegetation.
2533035	ECP19	None Supplied	0.2	Brown clay and sand with gravel.
2533036	ECP19	None Supplied	0.5	Brown clay and sand with gravel.
2533037	ECP19	None Supplied	1.5	Light brown sandy clay.
2533038	ECP19	None Supplied	4	Brown sandy clay with gravel and vegetation.
2533039	ECP20	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533040	ECP20	None Supplied	0.5	Brown sandy clay with gravel and vegetation.
2533041	ECP20	None Supplied	1.5	Brown sandy clay with gravel and stones.
2533042	ECP20	None Supplied	3	Brown sand with gravel.
2533043	ECP21	None Supplied	0.2	Brown clay and sand with gravel.
2533044	ECP21	None Supplied	0.5	Brown loam and clay with gravel and vegetation.
2533045	ECP21	None Supplied	1.5	Light brown sand.
2533046	ECP21	None Supplied	3	Light brown sand.
2533047	ECP22	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533048	ECP22	None Supplied	0.5	Brown sand.
2533049	ECP22	None Supplied	1.5	Brown sand with gravel.
2533050	ECP22	None Supplied	3	Grey sand.
2533051	ECP23	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533052	ECP23	None Supplied	0.5	Brown sand.
2533053	ECP23	None Supplied	1.5	Brown sand.
2533054	ECP23	None Supplied	3	Brown sand with gravel.
2533055	ECP24	None Supplied	0.2	Brown loam and sand with gravel.
2533056	ECP24	None Supplied	0.5	Brown clay and sand with gravel.
2533057	ECP24	None Supplied	1.5	Brown clay and sand with gravel.
2533058	ECP24	None Supplied	3	Brown clay and sand.
2533059	ECP25	None Supplied	0.2	Brown loam and sand with gravel and brick.
2533060	ECP25	None Supplied	0.5	Brown loam and sand with gravel.
2533061	ECP25	None Supplied	1.5	Brown loam and sand with gravel and stones.
2533062	ECP25	None Supplied	3	Brown sandy clay.
2533063	ECP26	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533064	ECP26	None Supplied	0.5	Brown loam and sand with gravel and vegetation.
2533065	ECP26	None Supplied	1.5	Brown loam and clay with gravel and vegetation.
2533066	ECP26	None Supplied	3	Brown sandy clay with gravel.
2533067	ECP27	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533068	ECP27	None Supplied	0.5	Brown loam and sand with stones.
2533069	ECP27	None Supplied	1.5	Brown clay and sand.
2533070	ECP27	None Supplied	3	Brown gravelly clay with stones.
2533071	ECP28	None Supplied	0.2	Brown loam and sand with gravel and tar.
2533072	ECP28	None Supplied	0.5	Brown clay and sand with clinker and gravel
2533073	ECP28	None Supplied	1.5	Brown clay and sand with gravel.
2533074	ECP28	None Supplied	2	Brown clay and sand.
2533075	ECP29	None Supplied	0.2	Brown loam and sand with clinker and gravel
2533076	ECP29	None Supplied	0.5	Brown gravelly loam with brick and stones.
2533077	ECP29	None Supplied	1.5	Brown clay and sand with gravel.
2533078	ECP29	None Supplied	2.5	Brown clay and sand with gravel and brick.
2533079	ECP30	None Supplied	0.2	Brown loam and sand with gravel and vegetation.
2533080	ECP30	None Supplied	0.5	Brown sandy loam with vegetation.

Sample Deviation Report



Analytical Report Number : 22-13238

Project / Site name: Ardrossan

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Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2533081	ECTP30	None Supplied	1.5	Light brown sand.
2533082	ECTP30	None Supplied	2	Light brown sand.
2533083	ECTP31	None Supplied	0.2	Brown sandy loam with vegetation.
2533084	ECTP31	None Supplied	0.5	Brown sand.
2533085	ECTP31	None Supplied	1.5	Brown sand.
2533086	ECTP31	None Supplied	2	Brown sand.
2533087	ECTP32	None Supplied	0.2	Brown sand.
2533088	ECTP32	None Supplied	0.5	Brown sand with gravel.
2533089	ECTP32	None Supplied	1.5	Brown sand.
2533090	ECTP32	None Supplied	3	Brown sand with gravel.

Sample Deviation Report



Analytical Report Number : 22-13238

Project / Site name: Ardrossan

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds in soil by extraction in dichloromethane and hexane followed by GC-MS.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS. Individual components MCERTS accredited	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references.	HSE Report No: 83/1996, HSG 248, HSG 264 & SCA Blue Book (draft).	A006-PL	D	ISO 17025
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Sulphate, water soluble, in soil (1hr extraction)	Sulphate, water soluble, in soil (1hr extraction)	In-house method	L038-PL	D	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Information in Support of Analytical Results

Analytical Report Number : 22-13238

Project / Site name: Ardrossan

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
-	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

Sample Deviation Report



Analytical Report Number : 22-13238

Project / Site name: Ardrossan

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
ECTP10	None Supplied	S	2532999	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP10	None Supplied	S	2533000	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP10	None Supplied	S	2533000	c	Volatile organic compounds in soil	L073B-PL	c
ECTP10	None Supplied	S	2533001	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP10	None Supplied	S	2533001	c	Volatile organic compounds in soil	L073B-PL	c
ECTP10	None Supplied	S	2533002	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP10	None Supplied	S	2533002	c	Volatile organic compounds in soil	L073B-PL	c
ECTP11	None Supplied	S	2533003	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP11	None Supplied	S	2533004	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP11	None Supplied	S	2533004	c	Volatile organic compounds in soil	L073B-PL	c
ECTP11	None Supplied	S	2533005	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP11	None Supplied	S	2533005	c	Volatile organic compounds in soil	L073B-PL	c
ECTP11	None Supplied	S	2533006	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP11	None Supplied	S	2533006	c	Volatile organic compounds in soil	L073B-PL	c
ECTP14	None Supplied	S	2533015	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP14	None Supplied	S	2533016	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP14	None Supplied	S	2533016	c	Volatile organic compounds in soil	L073B-PL	c
ECTP14	None Supplied	S	2533017	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP14	None Supplied	S	2533017	c	Volatile organic compounds in soil	L073B-PL	c
ECTP14	None Supplied	S	2533018	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP14	None Supplied	S	2533018	c	Volatile organic compounds in soil	L073B-PL	c
ECTP15	None Supplied	S	2533019	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP15	None Supplied	S	2533020	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP15	None Supplied	S	2533020	c	Volatile organic compounds in soil	L073B-PL	c
ECTP15	None Supplied	S	2533021	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP15	None Supplied	S	2533021	c	Volatile organic compounds in soil	L073B-PL	c
ECTP15	None Supplied	S	2533022	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP15	None Supplied	S	2533022	c	Volatile organic compounds in soil	L073B-PL	c
ECTP16	None Supplied	S	2533023	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP16	None Supplied	S	2533024	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP16	None Supplied	S	2533024	c	Volatile organic compounds in soil	L073B-PL	c
ECTP16	None Supplied	S	2533025	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP16	None Supplied	S	2533025	c	Volatile organic compounds in soil	L073B-PL	c
ECTP16	None Supplied	S	2533026	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP16	None Supplied	S	2533026	c	Volatile organic compounds in soil	L073B-PL	c
ECTP17	None Supplied	S	2533027	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP17	None Supplied	S	2533028	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP17	None Supplied	S	2533028	c	Volatile organic compounds in soil	L073B-PL	c
ECTP17	None Supplied	S	2533029	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP17	None Supplied	S	2533029	c	Volatile organic compounds in soil	L073B-PL	c
ECTP17	None Supplied	S	2533030	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP17	None Supplied	S	2533030	c	Volatile organic compounds in soil	L073B-PL	c
ECTP18	None Supplied	S	2533031	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP18	None Supplied	S	2533032	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP18	None Supplied	S	2533032	c	Volatile organic compounds in soil	L073B-PL	c
ECTP18	None Supplied	S	2533033	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP18	None Supplied	S	2533033	c	Volatile organic compounds in soil	L073B-PL	c
ECTP18	None Supplied	S	2533034	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP18	None Supplied	S	2533034	c	Volatile organic compounds in soil	L073B-PL	c
ECTP19	None Supplied	S	2533035	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP19	None Supplied	S	2533036	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP19	None Supplied	S	2533036	c	Volatile organic compounds in soil	L073B-PL	c
ECTP19	None Supplied	S	2533037	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP19	None Supplied	S	2533037	c	Volatile organic compounds in soil	L073B-PL	c
ECTP19	None Supplied	S	2533038	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP19	None Supplied	S	2533038	c	Volatile organic compounds in soil	L073B-PL	c
ECTP20	None Supplied	S	2533039	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP20	None Supplied	S	2533040	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP20	None Supplied	S	2533040	c	Volatile organic compounds in soil	L073B-PL	c

Sample Deviation Report



Analytical Report Number : 22-13238

Project / Site name: Ardrossan

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
ECTP20	None Supplied	S	2533041	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP20	None Supplied	S	2533041	c	Volatile organic compounds in soil	L073B-PL	c
ECTP20	None Supplied	S	2533042	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP20	None Supplied	S	2533042	c	Volatile organic compounds in soil	L073B-PL	c
ECTP21	None Supplied	S	2533043	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP21	None Supplied	S	2533044	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP21	None Supplied	S	2533044	c	Volatile organic compounds in soil	L073B-PL	c
ECTP21	None Supplied	S	2533045	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP21	None Supplied	S	2533045	c	Volatile organic compounds in soil	L073B-PL	c
ECTP21	None Supplied	S	2533046	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP21	None Supplied	S	2533046	c	Volatile organic compounds in soil	L073B-PL	c
ECTP23	None Supplied	S	2533051	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP23	None Supplied	S	2533052	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP23	None Supplied	S	2533052	c	Volatile organic compounds in soil	L073B-PL	c
ECTP23	None Supplied	S	2533053	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP23	None Supplied	S	2533053	c	Volatile organic compounds in soil	L073B-PL	c
ECTP23	None Supplied	S	2533054	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP23	None Supplied	S	2533054	c	Volatile organic compounds in soil	L073B-PL	c
ECTP6	None Supplied	S	2532983	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP6	None Supplied	S	2532984	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP6	None Supplied	S	2532984	c	Volatile organic compounds in soil	L073B-PL	c
ECTP6	None Supplied	S	2532985	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP6	None Supplied	S	2532985	c	Volatile organic compounds in soil	L073B-PL	c
ECTP6	None Supplied	S	2532986	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP6	None Supplied	S	2532986	c	Volatile organic compounds in soil	L073B-PL	c
ECTP7	None Supplied	S	2532987	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP7	None Supplied	S	2532988	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP7	None Supplied	S	2532988	c	Volatile organic compounds in soil	L073B-PL	c
ECTP7	None Supplied	S	2532989	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP7	None Supplied	S	2532989	c	Volatile organic compounds in soil	L073B-PL	c
ECTP7	None Supplied	S	2532990	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP7	None Supplied	S	2532990	c	Volatile organic compounds in soil	L073B-PL	c
ECTP8	None Supplied	S	2532991	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP8	None Supplied	S	2532992	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP8	None Supplied	S	2532992	c	Volatile organic compounds in soil	L073B-PL	c
ECTP8	None Supplied	S	2532993	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP8	None Supplied	S	2532993	c	Volatile organic compounds in soil	L073B-PL	c
ECTP8	None Supplied	S	2532994	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP8	None Supplied	S	2532994	c	Volatile organic compounds in soil	L073B-PL	c
ECTP9	None Supplied	S	2532995	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP9	None Supplied	S	2532996	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP9	None Supplied	S	2532996	c	Volatile organic compounds in soil	L073B-PL	c
ECTP9	None Supplied	S	2532997	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP9	None Supplied	S	2532997	c	Volatile organic compounds in soil	L073B-PL	c
ECTP9	None Supplied	S	2532998	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
ECTP9	None Supplied	S	2532998	c	Volatile organic compounds in soil	L073B-PL	c



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Analytical Report Number : 22-13341

Replaces Analytical Report Number: 22-13341, issue no. 2
Additional analysis undertaken.

Project / Site name:	Ardrossan	Samples received on:	14/12/2022
Your job number:		Samples instructed on/ Analysis started on:	14/12/2022
Your order number:		Analysis completed by:	18/01/2023
Report Issue Number:	3	Report issued on:	23/01/2023
Samples Analysed:	64 soil samples		

Signed:

Ashleigh Cunningham
Customer Service Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533910		2533911		2533912		2533913		2533914		2533915	
Sample Reference	ECBH1		ECBH1		ECBH1		ECBH2		ECBH2		ECBH2	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	3.00		4.00		6.00		3.00		4.00		6.00	
Date Sampled	29/11/2022		29/11/2022		29/11/2022		29/11/2022		29/11/2022		29/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	6.7	14	10	8.7	17			
Total mass of sample received	kg	0.001	NONE	1	1	1	1	1	1			

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	Not-detected	Not-detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	LFT	LFT	N/A	LFT	LFT	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.7	8.3	6.9	8.5	8.4	8.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	59	-	130	-	170
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.03	-	0.067	-	0.084
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	29.5	-	67.2	-	83.5

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.6	9	5.4	8.3	6.9	5.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.4	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	15	38	29	30	35	29
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	15	38	29	31	35	29
Copper (aqua regia extractable)	mg/kg	1	MCERTS	29	4.2	3.5	17	3.7	4.4
Lead (aqua regia extractable)	mg/kg	1	MCERTS	53	9.5	6.4	72	12	13
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	0.5	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	15	43	32	39	40	30
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	68	42	33	190	46	35

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	0.2	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	63	< 1.0	< 1.0	< 1.0	< 1.0	3.1
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	360	< 2.0	< 2.0	< 2.0	< 2.0	21
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	250	< 8.0	< 8.0	< 8.0	< 8.0	9.2
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	52	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AR	mg/kg	10	NONE	720	< 10	< 10	< 10	< 10	36

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	3.7	< 1.0	< 1.0	< 1.0	< 1.0	2
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	92	< 2.0	< 2.0	< 2.0	< 2.0	9.2

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533910	2533911	2533912	2533913	2533914	2533915
Sample Reference	ECBH1	ECBH1	ECBH1	ECBH2	ECBH2	ECBH2
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	89	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	12	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	200	< 10	< 10

VOCs

Compound	Units	Limit of detection	Accreditation Status					
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533910		2533911		2533912		2533913		2533914		2533915	
Sample Reference	ECBH1		ECBH1		ECBH1		ECBH2		ECBH2		ECBH2	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	3.00		4.00		6.00		3.00		4.00		6.00	
Date Sampled	29/11/2022		29/11/2022		29/11/2022		29/11/2022		29/11/2022		29/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	< 5.0	-	-	< 5.0	< 5.0

SVOCs

	mg/kg											
Aniline	mg/kg	0.1	NONE	0.2	< 0.1	< 0.1	0.3	< 0.1	< 0.1			
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.17	< 0.05	< 0.05	0.09	< 0.05	< 0.05	0.73	< 0.05	0.73
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	1.9	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.44	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.19	< 0.05	< 0.05	< 0.05	0.12	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.67	< 0.05	< 0.05	0.64	< 0.05	< 0.05	< 0.05	0.21	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.65	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number				2533910	2533911	2533912	2533913	2533914	2533915
Sample Reference				ECBH1	ECBH1	ECBH1	ECBH2	ECBH2	ECBH2
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled				29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.47	< 0.05	< 0.05	1	< 0.05	0.06
Pyrene	mg/kg	0.05	MCERTS	0.59	< 0.05	< 0.05	0.71	< 0.05	0.09
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.21	< 0.05	< 0.05	0.47	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.25	< 0.05	< 0.05	0.4	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.24	< 0.05	< 0.05	0.37	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.13	< 0.05	< 0.05	0.19	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.19	< 0.05	< 0.05	0.32	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.17	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533916	2533917	2533918	2533919	2533920	2533921
Sample Reference	ECBH2	ECBH3	ECBH3	ECBH3	ECBH3	ECBH4
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	7.00	3.00	4.00	6.00	7.00	3.00
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	25/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	18	5.9	5.8
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	Not-detected	-	-	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	LFT	PDO	N/A	N/A	PDO

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7	9.7	7.9	7.7	8.1	8.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	170	-	55	-	190
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.084	-	0.027	-	0.093
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	84.4	-	27.4	-	93.3

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.8	7	5.9	6.7	6.8	6.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	26	27	31	30	33	31
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	26	27	31	30	33	32
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.8	8.9	2.6	3.7	4.4	14
Lead (aqua regia extractable)	mg/kg	1	MCERTS	16	26	4.8	8.7	12	71
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	29	30	35	33	36	37
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	39	60	28	39	42	210

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533916	2533917	2533918	2533919	2533920	2533921
Sample Reference	ECBH2	ECBH3	ECBH3	ECBH3	ECBH3	ECBH4
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	7.00	3.00	4.00	6.00	7.00	3.00
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	25/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	< 10	< 10	< 10

VOCs

Compound	Units	Limit of detection	Accreditation Status	2533916	2533917	2533918	2533919	2533920	2533921
Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533916	2533917	2533918	2533919	2533920	2533921			
Sample Reference	ECBH2	ECBH3	ECBH3	ECBH3	ECBH3	ECBH4			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	7.00	3.00	4.00	6.00	7.00	3.00			
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	25/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	0.5	0.1	0.6	0.1	0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.22	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.05	0.07	< 0.05	< 0.05	< 0.05	0.07
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533916	2533917	2533918	2533919	2533920	2533921			
Sample Reference	ECBH2	ECBH3	ECBH3	ECBH3	ECBH3	ECBH4			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	7.00	3.00	4.00	6.00	7.00	3.00			
Date Sampled	29/11/2022	29/11/2022	29/11/2022	29/11/2022	29/11/2022	25/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.07	0.08	< 0.05	< 0.05	0.05	0.08
Pyrene	mg/kg	0.05	MCERTS	0.08	0.08	< 0.05	< 0.05	0.05	0.08
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533922		2533923		2533924		2533925		2533926		2533927	
Sample Reference	ECBH4		ECBH4		ECBH5		ECBH5		ECBH5		ECBH6	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	4.00		6.00		3.00		4.00		6.00		3.00	
Date Sampled	25/11/2022		25/11/2022		25/11/2022		25/11/2022		25/11/2022		28/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	19	14	12	17	17	17	8	8
Total mass of sample received	kg	0.001	NONE	1	1	1	1	1	1	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	Not-detected	Not-detected	-	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	PDO	N/A	PDO	PDO	N/A	PDO	PDO

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	7.9	7.9	7.9	6.3	7.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	410	64	-	570	82
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.21	0.032	-	0.29	0.041
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	207	32.1	-	287	41.2

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	15	8.2	7.4	8.9	6.8	12
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.4
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	39	35	29	38	23	33
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	39	35	29	38	23	33
Copper (aqua regia extractable)	mg/kg	1	MCERTS	6.8	5.3	22	5	6.1	30
Lead (aqua regia extractable)	mg/kg	1	MCERTS	100	8.3	62	14	7.2	46
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	43	40	35	43	27	21
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	54	39	84	67	29	140

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	8.8	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	500	< 2.0	< 2.0	< 2.0	< 2.0	40
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	650	< 8.0	< 8.0	< 8.0	< 8.0	73
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	420	< 8.0	< 8.0	< 8.0	< 8.0	83
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	1700	< 10	< 10	< 10	< 10	200
TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	320	< 2.0	< 2.0	< 2.0	< 2.0	10

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533922	2533923	2533924	2533925	2533926	2533927
Sample Reference	ECBH4	ECBH4	ECBH5	ECBH5	ECBH5	ECBH6
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	4.00	6.00	3.00	4.00	6.00	3.00
Date Sampled	25/11/2022	25/11/2022	25/11/2022	25/11/2022	25/11/2022	28/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC16 - EC21 <small>EH, CU, ID, AR</small>	mg/kg	10	MCERTS	560	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 <small>EH, CU, ID, AR</small>	mg/kg	10	MCERTS	500	< 10	21
TPH-CWG - Aromatic (EC5 - EC35) <small>EH, CU+HS, ID, AR</small>	mg/kg	10	NONE	1500	< 10	24

VOCs

Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533922		2533923		2533924		2533925		2533926		2533927	
Sample Reference	ECBH4		ECBH4		ECBH5		ECBH5		ECBH5		ECBH6	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	4.00		6.00		3.00		4.00		6.00		3.00	
Date Sampled	25/11/2022		25/11/2022		25/11/2022		25/11/2022		25/11/2022		28/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	0.1	< 0.1	0.4	0.6	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	4.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	10	0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	1.7	< 0.05	0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	3.2	< 0.05	0.25	0.11	0.05	0.07
Anthracene	mg/kg	0.05	MCERTS	0.57	< 0.05	0.09	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number				2533922	2533923	2533924	2533925	2533926	2533927
Sample Reference				ECBH4	ECBH4	ECBH5	ECBH5	ECBH5	ECBH6
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				4.00	6.00	3.00	4.00	6.00	3.00
Date Sampled				25/11/2022	25/11/2022	25/11/2022	25/11/2022	25/11/2022	28/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.47	< 0.05	0.68	0.24	0.13	0.11
Pyrene	mg/kg	0.05	MCERTS	0.7	< 0.05	0.81	0.23	0.13	0.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.19	< 0.05	0.36	0.11	0.07	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.36	< 0.05	0.4	0.14	0.07	0.06
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.65	0.11	0.07	0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.23	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.63	0.1	0.05	0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.42	0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.07	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.56	0.07	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533928		2533929		2533930		2533931		2533932		2533933	
Sample Reference	ECBH6		ECBH6		ECBH7		ECBH7		ECBH7		ECBH7	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	4.00		6.00		3.00		4.00		6.00		7.00	
Date Sampled	28/11/2022		28/11/2022		28/11/2022		28/11/2022		28/11/2022		28/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	6.5	16	6.4	6	21	19			
Total mass of sample received	kg	0.001	NONE	1	1	1	1	1	1	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	Not-detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	PDO	N/A	PDO	PDO	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.5	6.9	7.8	7.8	7.7	7.7
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	38	66	-	320	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.019	0.033	-	0.16	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	19	32.8	-	162	-

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.7	5.2	8.3	7.2	8.6	7.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	26	25	28	33	28	35
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	26	25	28	33	28	35
Copper (aqua regia extractable)	mg/kg	1	MCERTS	9	2.8	30	5.1	8.9	6.7
Lead (aqua regia extractable)	mg/kg	1	MCERTS	36	13	160	13	14	17
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.8	< 0.3	0.5	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	30	28	33	38	32	38
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	45	28	150	43	43	47

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	15	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	29	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	< 2.0	110	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	200	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	140	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	< 10	500	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	1.3	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	< 2.0	63	< 2.0	< 2.0	< 2.0	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533928	2533929	2533930	2533931	2533932	2533933
Sample Reference	ECBH6	ECBH6	ECBH7	ECBH7	ECBH7	ECBH7
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	4.00	6.00	3.00	4.00	6.00	7.00
Date Sampled	28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	140	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	< 10	160	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	< 10	360	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533928		2533929		2533930		2533931		2533932		2533933	
Sample Reference	ECBH6		ECBH6		ECBH7		ECBH7		ECBH7		ECBH7	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	4.00		6.00		3.00		4.00		6.00		7.00	
Date Sampled	28/11/2022		28/11/2022		28/11/2022		28/11/2022		28/11/2022		28/11/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	0.3	0.2	< 0.1	0.2	0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	0.7	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	0.5	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.55	0.07	< 0.05	0.15	0.12
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number				2533928	2533929	2533930	2533931	2533932	2533933
Sample Reference				ECBH6	ECBH6	ECBH7	ECBH7	ECBH7	ECBH7
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				4.00	6.00	3.00	4.00	6.00	7.00
Date Sampled				28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022	28/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.12	0.08	< 0.05	0.22	0.16
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.15	0.08	< 0.05	0.23	0.17
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.1	0.07
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.11	0.09
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	0.08	0.07
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.06	0.06
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533934	2533935	2533936	2533937	2533938	2533939
Sample Reference	ECBH8	ECBH8	ECBH8	ECBH8	ECBH9	ECBH9
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	7.00	3.00	4.00
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	10	7.5
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	PDO	PDO	N/A	N/A	PDO	PDO

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	8.8	7.9	7.9	8.2	7.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	100	-	33	-	94	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.05	-	0.017	-	0.047	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	50.1	-	16.7	-	46.9	-

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	4.4	4.5	4.7	4.8	3.8	5.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	13	13	30	30	11	28
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	13	13	30	30	11	28
Copper (aqua regia extractable)	mg/kg	1	MCERTS	8.1	8.6	3.5	5.6	5.5	2.3
Lead (aqua regia extractable)	mg/kg	1	MCERTS	13	6.7	8.5	8.9	13	4.1
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	12	13	33	35	11	32
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	44	29	30	35	24	53

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	0.98	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	110	24	< 1.0	210	7.3	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	340	130	< 2.0	2000	51	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	180	74	< 8.0	2200	40	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	43	15	< 8.0	800	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	670	250	< 10	5200	100	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	13	4.2	< 1.0	82	2.3	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	110	54	< 2.0	1100	30	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533934		2533935		2533936		2533937		2533938		2533939	
Sample Reference	ECBH8		ECBH8		ECBH8		ECBH8		ECBH9		ECBH9	
Sample Number	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	3.00		4.00		6.00		7.00		3.00		4.00	
Date Sampled	01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022		01/12/2022	
Time Taken	None Supplied		None Supplied		None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status									
TPH-CWG - Aromatic >EC16 - EC21 <small>EH, CU, ID, AR</small>	mg/kg	10	MCERTS	110	52	< 10	1200	29	< 10			
TPH-CWG - Aromatic >EC21 - EC35 <small>EH, CU, ID, AR</small>	mg/kg	10	MCERTS	36	< 10	< 10	580	< 10	< 10			
TPH-CWG - Aromatic (EC5 - EC35) <small>EH, CU+HS, ID, AR</small>	mg/kg	10	NONE	270	120	< 10	3000	66	< 10			

VOCs

Compound	Units	Limit of detection	Accreditation Status	2533934	2533935	2533936	2533937	2533938	2533939
Chloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Chloroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Bromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Vinyl Chloride	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Benzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Tetrachloromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Toluene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Tetrachloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Styrene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Tribromomethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
o-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533934	2533935	2533936	2533937	2533938	2533939			
Sample Reference	ECBH8	ECBH8	ECBH8	ECBH8	ECBH9	ECBH9			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	3.00	4.00	6.00	7.00	3.00	4.00			
Date Sampled	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Butylbenzene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	0.2	< 0.1	< 0.1	< 0.1	0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	8.7	0.3	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	7.8	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	4.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	6.9	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.54	0.23	< 0.05	12	0.18	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.1	< 0.05	< 0.05	3	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number				2533934	2533935	2533936	2533937	2533938	2533939
Sample Reference				ECBH8	ECBH8	ECBH8	ECBH8	ECBH9	ECBH9
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				3.00	4.00	6.00	7.00	3.00	4.00
Date Sampled				01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022	01/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
				Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.29	0.17	< 0.05	5	0.12	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.37	0.17	< 0.05	3.9	0.13	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.12	0.06	< 0.05	0.73	0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.12	< 0.05	< 0.05	0.73	0.06	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.08	0.05	< 0.05	0.38	0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.07	< 0.05	< 0.05	0.21	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.09	< 0.05	< 0.05	0.33	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.08	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.13	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533940	2533941	2533942	2533943	2533944	2533945
Sample Reference	ECBH9	ECBH9	ECBH10	ECBH10	ECBH10	ECBH10
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	6.00	7.00	3.00	4.00	6.00	7.00
Date Sampled	01/12/2022	01/12/2022	02/12/2022	02/12/2022	02/12/2022	02/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	21	17	10
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	Not-detected	-	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	PDO	PDO	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	6.5	8.4	7.9	8.4	8.1
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	130	-	170	-	100	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.065	-	0.084	-	0.051	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	64.5	-	84.4	-	50.7	-

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	35	6.6	9.7	9.3	5.3	7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	26	31	12	43	33	36
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	27	31	12	43	33	36
Copper (aqua regia extractable)	mg/kg	1	MCERTS	160	4.3	32	22	3.3	4.3
Lead (aqua regia extractable)	mg/kg	1	MCERTS	160	9.3	34	16	4.9	7.5
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	0.5	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	53	34	13	33	37	42
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	290	39	58	30	32	39

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	3.3	< 0.001	< 0.001	0.88	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	14	14	110	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	220	160	390	3.8	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	390	170	240	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	300	< 8.0	90	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	930	350	820	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	17	6	15	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	180	110	150	< 2.0	< 2.0	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533940	2533941	2533942	2533943	2533944	2533945			
Sample Reference	ECBH9	ECBH9	ECBH10	ECBH10	ECBH10	ECBH10			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	6.00	7.00	3.00	4.00	6.00	7.00			
Date Sampled	01/12/2022	01/12/2022	02/12/2022	02/12/2022	02/12/2022	02/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	460	170	130	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	450	90	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	1100	390	300	< 10	< 10	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533940	2533941	2533942	2533943	2533944	2533945
Sample Reference	ECBH9	ECBH9	ECBH10	ECBH10	ECBH10	ECBH10
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	6.00	7.00	3.00	4.00	6.00	7.00
Date Sampled	01/12/2022	01/12/2022	02/12/2022	02/12/2022	02/12/2022	02/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	0.2	1	0.6	0.7
Phenol	mg/kg	0.2	ISO 17025	0.5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.7	< 0.2	0.6
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	1.1	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	22	0.21	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	14	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	14	0.79	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	8.7	0.3	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	13	0.61	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	58	0.65	0.48	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	19	0.35	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	mg/kg	0.3	MCERTS	5.5	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533940	2533941	2533942	2533943	2533944	2533945			
Sample Reference	ECBH9	ECBH9	ECBH10	ECBH10	ECBH10	ECBH10			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	6.00	7.00	3.00	4.00	6.00	7.00			
Date Sampled	01/12/2022	01/12/2022	02/12/2022	02/12/2022	02/12/2022	02/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	0.6	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	48	0.78	0.31	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	44	0.69	0.38	< 0.05	< 0.05	< 0.05
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	21	0.16	0.12	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	23	0.12	0.13	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	21	0.09	0.13	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	8.9	0.05	0.06	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	19	0.07	0.1	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	7.8	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	1.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	9.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533946	2533947	2533948	2533949	2533950	2533951
Sample Reference	ECBH11	ECBH11	ECBH11	ECBH12	ECBH12	ECBH12
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	60	7.1	8.7
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	Chrysotile	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Detected	-	Not-detected	Not-detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	< 0.001	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	< 0.001	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU	N/A	SPU	WEM	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	7.8	8.3	8.4	8.6	8.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	250	-	140	82	-	73
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.12	-	0.069	0.041	-	0.037
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	124	-	68.8	41.2	-	36.5

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	14	23	6.6	4.9	3.3	6.1
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	1	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	14	28	34	21	18	13
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	15	28	34	21	18	13
Copper (aqua regia extractable)	mg/kg	1	MCERTS	96	85	5.2	10	12	15
Lead (aqua regia extractable)	mg/kg	1	MCERTS	80	280	6.9	14	7.9	30
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	18	50	39	27	21	18
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	170	450	37	40	71	64

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS_ID_AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH_CU_ID_AL}	mg/kg	1	MCERTS	3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH_CU_ID_AL}	mg/kg	2	MCERTS	23	12	< 2.0	3	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	9.7	32	< 8.0	18	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH_CU_ID_AL}	mg/kg	8	MCERTS	< 8.0	46	< 8.0	24	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) _{EH_CU+HS_ID_AL}	mg/kg	10	NONE	36	89	< 10	45	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS_ID_AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH_CU_ID_AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH_CU_ID_AR}	mg/kg	2	MCERTS	5.4	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533946	2533947	2533948	2533949	2533950	2533951
Sample Reference	ECBH11	ECBH11	ECBH11	ECBH12	ECBH12	ECBH12
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	22	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	27	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	55	< 10	< 10

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533946	2533947	2533948	2533949	2533950	2533951
Sample Reference	ECBH11	ECBH11	ECBH11	ECBH12	ECBH12	ECBH12
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.2	0.1	< 0.1	0.1	0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.2	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	0.6	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.06	< 0.05	< 0.05	< 0.05	0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.13	0.08	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.19	0.08	< 0.05	< 0.05	< 0.05	0.06
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	1.4	0.66	< 0.05	0.17	0.07	0.44
Anthracene	mg/kg	0.05	MCERTS	0.44	0.17	< 0.05	0.09	< 0.05	0.14
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533946	2533947	2533948	2533949	2533950	2533951			
Sample Reference	ECBH11	ECBH11	ECBH11	ECBH12	ECBH12	ECBH12			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	3.00	4.00	6.00	3.00	4.00	6.00			
Date Sampled	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022	30/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	2.3	0.73	< 0.05	0.39	0.09	0.67
Pyrene	mg/kg	0.05	MCERTS	1.9	0.68	< 0.05	0.45	0.11	0.74
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.91	0.37	< 0.05	0.2	0.05	0.33
Chrysene	mg/kg	0.05	MCERTS	0.92	0.43	< 0.05	0.18	0.05	0.38
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.83	0.39	< 0.05	0.17	0.05	0.33
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.56	0.21	< 0.05	0.11	< 0.05	0.18
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.82	0.31	< 0.05	0.2	< 0.05	0.34
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.42	0.2	< 0.05	0.13	< 0.05	0.15
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.47	0.27	< 0.05	0.21	< 0.05	0.22

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533952	2533953	2533954	2533955	2533956	2533957
Sample Reference	ECBH13	ECBH13	ECBH13	ECBH13	ECBH14	ECBH14
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.50	1.00	3.00	4.00	0.50	1.00
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	9.2	18	17
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	WEM	WEM	N/A	N/A	WEM	WEM

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.6	7.9	7.4	6.4	9.7	10
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	870	-	390	-	7.6	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.44	-	0.19	-	0.0038	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	437	-	193	-	3.8	-

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	13	5.9	7.6	5.4	1.8	1.1
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	15	34	33	25	20	18
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	15	34	33	25	20	18
Copper (aqua regia extractable)	mg/kg	1	MCERTS	60	4.4	5	6.1	63	55
Lead (aqua regia extractable)	mg/kg	1	MCERTS	130	4.4	6.9	6.2	1.6	2.2
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	18	37	36	30	150	140
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	160	33	36	29	68	59

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	3.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	64	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	79	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	90	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	240	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	33	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533952	2533953	2533954	2533955	2533956	2533957
Sample Reference	ECBH13	ECBH13	ECBH13	ECBH13	ECBH14	ECBH14
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.50	1.00	3.00	4.00	0.50	1.00
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	130	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	260	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	430	< 10	< 10

VOCs

Parameter	Units	Limit of detection	Accreditation Status	2533952	2533953	2533954	2533955	2533956	2533957
Chloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Chloroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Bromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Vinyl Chloride	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Benzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Tetrachloromethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Toluene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Tetrachloroethene	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Styrene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Tribromomethane	µg/kg	5	NONE	< 5.0	-	< 5.0	< 5.0	< 5.0	-
o-Xylene	µg/kg	5	MCERTS	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0	< 5.0	< 5.0	-

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533952	2533953	2533954	2533955	2533956	2533957
Sample Reference	ECBH13	ECBH13	ECBH13	ECBH13	ECBH14	ECBH14
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.50	1.00	3.00	4.00	0.50	1.00
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.4	0.4	0.6	0.2	0.2	0.3
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.13	< 0.05
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.1	< 0.05
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.94	< 0.05	0.09	< 0.05	0.52	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.22	< 0.05	< 0.05	< 0.05	0.13	< 0.05
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533952	2533953	2533954	2533955	2533956	2533957
Sample Reference	ECBH13	ECBH13	ECBH13	ECBH13	ECBH14	ECBH14
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.50	1.00	3.00	4.00	0.50	1.00
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	01/12/2022	01/12/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	1.4	< 0.05	0.22
Pyrene	mg/kg	0.05	MCERTS	1.4	< 0.05	0.23
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.56	< 0.05	0.11
Chrysene	mg/kg	0.05	MCERTS	0.67	< 0.05	0.1
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.61	< 0.05	0.12
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.24	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.56	< 0.05	0.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.33	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.38	< 0.05	< 0.05

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533958	2533959	2533960	2533961	2533962	2533963
Sample Reference	ECBH14	ECBH15	ECBH15	ECBH15	ECBH15	ECBH16
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	2.00	0.50	1.00	3.00	4.00	0.50
Date Sampled	01/12/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	10	8.4
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-	Chrysotile & Amosite
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	Not-detected	-	-	Detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-	0.022
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-	0.022
Asbestos Analyst ID	N/A	N/A	N/A	N/A	WEM	WEM	N/A	N/A	SCA

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	10.5	7.9	7.7	8.2	7.4	7.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	79	7.9	-	19	-	8.7
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.04	0.004	-	0.0095	-	0.0044
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	39.5	4	-	9.5	-	4.4

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	1.2	6.4	7.8	6.5	10	7.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.3	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	18	31	31	29	28	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	18	31	31	29	28	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	52	6.5	3.8	5.9	13	20
Lead (aqua regia extractable)	mg/kg	1	MCERTS	3.7	8.1	14	12	45	77
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	140	36	35	32	33	26
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	61	39	40	40	92	74

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	6.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	110	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	160	< 8.0	< 8.0	< 8.0	< 8.0	21
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	150	< 8.0	< 8.0	< 8.0	< 8.0	110
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	430	< 10	< 10	< 10	< 10	130

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	3.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	48	< 2.0	< 2.0	< 2.0	< 2.0	9.4

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533958	2533959	2533960	2533961	2533962	2533963			
Sample Reference	ECBH14	ECBH15	ECBH15	ECBH15	ECBH15	ECBH16			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	2.00	0.50	1.00	3.00	4.00	0.50			
Date Sampled	01/12/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	110	< 10	< 10	< 10	< 10	33
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, ID, AR}	mg/kg	10	MCERTS	130	< 10	< 10	< 10	< 10	200
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, ID, AR}	mg/kg	10	NONE	290	< 10	< 10	< 10	< 10	240

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533958	2533959	2533960	2533961	2533962	2533963			
Sample Reference	ECBH14	ECBH15	ECBH15	ECBH15	ECBH15	ECBH16			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	2.00	0.50	1.00	3.00	4.00	0.50			
Date Sampled	01/12/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.4	0.2	< 0.1	0.4	0.3	0.6
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	0.19	< 0.05	< 0.05	< 0.05	< 0.05	0.33
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.4	< 0.1	< 0.1	< 0.1	0.1	0.8
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.08	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.79	< 0.05	< 0.05	< 0.05	0.13	0.46
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	0.4	< 0.2	< 0.2	< 0.2	< 0.2	0.4
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.71	< 0.05	< 0.05	< 0.05	0.16	0.63
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	1.4	< 0.05	< 0.05	< 0.05	1.2	1.6
Anthracene	mg/kg	0.05	MCERTS	0.36	< 0.05	< 0.05	< 0.05	0.39	0.74
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number	2533958	2533959	2533960	2533961	2533962	2533963			
Sample Reference	ECBH14	ECBH15	ECBH15	ECBH15	ECBH15	ECBH16			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	2.00	0.50	1.00	3.00	4.00	0.50			
Date Sampled	01/12/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.65	< 0.05	0.05	< 0.05	1.9	1.1
Pyrene	mg/kg	0.05	MCERTS	0.51	< 0.05	0.05	< 0.05	1.8	0.77
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.1	< 0.05	< 0.05	< 0.05	0.95	0.54
Chrysene	mg/kg	0.05	MCERTS	0.16	< 0.05	< 0.05	< 0.05	1.1	0.37
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.07	< 0.05	< 0.05	< 0.05	1	0.37
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	0.46	0.15
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.96	0.29
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.45	0.11
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.1	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.59	0.2

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533964	2533965	2533966	2533967	2533968	2533969
Sample Reference	ECBH16	ECBH16	ECBH16	ECBH17	ECBH17	ECBH17
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.00	3.00	4.00	0.50	1.00	3.00
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8	21	22
Total mass of sample received	kg	0.001	NONE	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Chrysotile & Amosite	-	Simulated result	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	-	Simulated	Not-detected	Not-detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	0.014	-	Simulated	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	0.014	-	Simulated	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SCA	N/A	KIM	SCA	SCA	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	8.2	8.5	8.2	8.3	8
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	16	-	19	-	250
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.0082	-	0.0094	-	0.12
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	8.2	-	9.4	-	123

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.8	6.5	8.1	7.8	8.7	5.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	22	30	27	29	33	29
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	30	27	29	33	29
Copper (aqua regia extractable)	mg/kg	1	MCERTS	25	8.1	5.3	20	25	9.6
Lead (aqua regia extractable)	mg/kg	1	MCERTS	56	9.4	11	35	47	29
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	0.8	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	30	33	30	37	43	37
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	59	38	40	82	110	45

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	29
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	220
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	3000
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	36
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	150
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	84
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1200
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	1700
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	8.1	< 8.0	< 8.0	< 8.0	22	740
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10	25	3800
TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6.5
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	23
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	480

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533964	2533965	2533966	2533967	2533968	2533969	
Sample Reference	ECBH16	ECBH16	ECBH16	ECBH17	ECBH17	ECBH17	
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)	1.00	3.00	4.00	0.50	1.00	3.00	
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
TPH-CWG - Aromatic >EC16 - EC21 <small>EH_CU_ID_AR</small>	mg/kg	10	MCERTS	< 10	< 10	< 10	830
TPH-CWG - Aromatic >EC21 - EC35 <small>EH_CU_ID_AR</small>	mg/kg	10	MCERTS	81	< 10	< 10	510
TPH-CWG - Aromatic (EC5 - EC35) <small>EH_CU+HS_ID_AR</small>	mg/kg	10	NONE	91	< 10	< 10	1900

VOCs

Parameter	Units	Limit of detection	Accreditation Status	2533964	2533965	2533966	2533967	2533968	2533969
Chloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	15
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	29
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	220
p & m-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	3000
Styrene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	570
Bromobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	830
2-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	6200
tert-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	22000
sec-Butylbenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	780
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533964	2533965	2533966	2533967	2533968	2533969			
Sample Reference	ECBH16	ECBH16	ECBH16	ECBH17	ECBH17	ECBH17			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.00	3.00	4.00	0.50	1.00	3.00			
Date Sampled	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
p-Isopropyltoluene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	690
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	1300
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	-	< 5.0	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	-	< 5.0	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.2	0.2	0.2	0.2	0.2	0.2
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.89
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	3.2
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	4.3
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	3.9
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.13	< 0.05	< 0.05	0.18	0.31	5.4
Anthracene	mg/kg	0.05	MCERTS	0.06	< 0.05	< 0.05	0.06	0.09	1.7
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Sample Deviation Report



Analytical Report Number: 22-13341
 Project / Site name: Ardrossan

Lab Sample Number				2533964	2533965	2533966	2533967	2533968	2533969
Sample Reference				ECBH16	ECBH16	ECBH16	ECBH17	ECBH17	ECBH17
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	3.00	4.00	0.50	1.00	3.00
Date Sampled				24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022	24/11/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.21	0.05	0.08	0.24	0.41	3.5
Pyrene	mg/kg	0.05	MCERTS	0.2	0.05	0.09	0.23	0.38	3.1
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.1	< 0.05	< 0.05	0.13	0.2	0.52
Chrysene	mg/kg	0.05	MCERTS	0.1	< 0.05	< 0.05	0.09	0.15	0.6
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.1	< 0.05	< 0.05	0.1	0.19	0.36
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.07	< 0.05	< 0.05	0.05	0.06	0.16
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.09	< 0.05	< 0.05	0.08	0.14	0.29
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.08	0.13
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.1	0.13

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

Sample Deviation Report



Analytical Report Number: 22-13341
Project / Site name: Ardrossan

Lab Sample Number	2533970	2533971	2533972	2533973			
Sample Reference	ECBH17	ECBH18	ECBH18	ECBH18			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	4.00	0.50	1.00	3.00			
Date Sampled	24/11/2022	02/12/2022	02/12/2022	02/12/2022			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	20	10	8.9	8.7
Total mass of sample received	kg	0.001	NONE	1	1	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	Not-detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	SCA	SCA	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	10.4	11.4	8.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	190	-	76
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	-	0.094	-	0.038
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	-	93.8	-	37.8

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.9	5.3	13	6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	30	9.5	13	7
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	30	9.5	14	7
Copper (aqua regia extractable)	mg/kg	1	MCERTS	4.4	45	34	20
Lead (aqua regia extractable)	mg/kg	1	MCERTS	11	70	72	10
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	34	14	26	6
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	40	58	73	43

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_ID_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_ID_AL	mg/kg	1	MCERTS	< 1.0	23	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_ID_AL	mg/kg	2	MCERTS	24	180	14	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_ID_AL	mg/kg	8	MCERTS	43	260	30	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_ID_AL	mg/kg	8	MCERTS	11	770	99	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_ID_AL	mg/kg	10	NONE	78	1200	140	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_ID_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_ID_AR	mg/kg	0.001 <td>NONE</td> <td>< 0.001</td> <td>< 0.001</td> <td>< 0.001</td> <td>< 0.001</td>	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_ID_AR	mg/kg	0.001 <td>NONE</td> <td>< 0.001</td> <td>< 0.001</td> <td>< 0.001</td> <td>< 0.001</td>	NONE	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_ID_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_ID_AR	mg/kg	2	MCERTS	8.2	47	< 2.0	< 2.0

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Sample Reference				ECBH17	ECBH18	ECBH18	ECBH18
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				4.00	0.50	1.00	3.00
Date Sampled				24/11/2022	02/12/2022	02/12/2022	02/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	20	140	13	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	310	41	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, 1D, AR}	mg/kg	10	NONE	33	500	55	18

VOCs

Chloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Chloroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
Bromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Vinyl Chloride	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
Trichlorofluoromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
Cis-1,2-dichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,1-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
2,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Trichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,1,1-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,2-Dichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,1-Dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Trans-1,2-dichloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0
Tetrachloromethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,2-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Trichloroethene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Dibromomethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Bromodichloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Cis-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Trans-1,3-dichloropropene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,3-Dichloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Dibromochloromethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Tetrachloroethene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,2-Dibromoethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Chlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,1,1,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0
p & m-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0
Styrene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Tribromomethane	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	< 5.0
1,1,2,2-Tetrachloroethane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Isopropylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Bromobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
n-Propylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
2-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
4-Chlorotoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,3,5-Trimethylbenzene	µg/kg	5	ISO 17025	58	< 5.0	-	< 5.0
tert-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,2,4-Trimethylbenzene	µg/kg	5	ISO 17025	< 5.0	8.3	-	< 5.0
sec-Butylbenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,3-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0

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Sample Reference				ECBH17	ECBH18	ECBH18	ECBH18
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				4.00	0.50	1.00	3.00
Date Sampled				24/11/2022	02/12/2022	02/12/2022	02/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
p-Isopropyltoluene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,2-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,4-Dichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Butylbenzene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,2-Dibromo-3-chloropropane	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
1,2,4-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0
Hexachlorobutadiene	µg/kg	5	NONE	< 5.0	< 5.0	-	< 5.0
1,2,3-Trichlorobenzene	µg/kg	5	ISO 17025	< 5.0	< 5.0	-	< 5.0

SVOCs

Aniline	mg/kg	0.1	NONE	0.2	0.4	0.5	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.5
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.21
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	0.2
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.08	0.41
Acenaphthene	mg/kg	0.05	MCERTS	0.25	< 0.05	< 0.05	0.29
2,4-Dinitrotoluene	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.5
4-Chlorophenyl phenyl ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	MCERTS	0.18	< 0.05	0.07	0.4
Azobenzene	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	MCERTS	0.16	0.43	0.86	6.7
Anthracene	mg/kg	0.05	MCERTS	0.11	0.1	0.21	1.5
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	0.5
Dibutyl phthalate	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	< 0.2

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Sample Number				None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				4.00	0.50	1.00	3.00
Date Sampled				24/11/2022	02/12/2022	02/12/2022	02/12/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
Anthraquinone	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3
Fluoranthene	mg/kg	0.05	MCERTS	0.3	0.37	1.1	6.6
Pyrene	mg/kg	0.05	MCERTS	0.26	0.47	0.96	5.5
Butyl benzyl phthalate	mg/kg	0.3	NONE	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.07	< 0.05	0.44	2.1
Chrysene	mg/kg	0.05	MCERTS	0.06	< 0.05	0.45	2.1
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.05	< 0.05	0.48	1.8
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.19	1.1
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.42	1.7
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.22	0.88
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.19
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.27	0.97

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

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Your Order No:

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006-PL based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
2533947	ECBH11	4.00	148	Loose Fibres	Chrysotile	< 0.001	< 0.001
2533963	ECBH16	0.50	137	Loose Fibres & Loose Fibrous Debris	Chrysotile & Amosite	0.022	0.022
2533964	ECBH16	1.00	142	Loose Fibrous Debris	Chrysotile & Amosite	0.014	0.014
2533966	ECBH16	4.00	Simulated	Simulated result	Simulated result	Simulated	Simulated

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

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* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2533910	ECBH1	None Supplied	3	Brown clay and loam with tar and gravel
2533911	ECBH1	None Supplied	4	Brown sandy loam with gravel.
2533912	ECBH1	None Supplied	6	Brown sandy loam with gravel.
2533913	ECBH2	None Supplied	3	Brown sandy loam with gravel.
2533914	ECBH2	None Supplied	4	Brown sandy loam with gravel.
2533915	ECBH2	None Supplied	6	Brown clay and sand with gravel and oil / petroleum.
2533916	ECBH2	None Supplied	7	Brown clay and sand with gravel and oil / petroleum.
2533917	ECBH3	None Supplied	3	Brown sandy loam with gravel.
2533918	ECBH3	None Supplied	4	Brown sandy loam with gravel.
2533919	ECBH3	None Supplied	6	Brown sandy loam with gravel.
2533920	ECBH3	None Supplied	7	Brown sandy loam with gravel.
2533921	ECBH4	None Supplied	3	Brown sandy loam with gravel.
2533922	ECBH4	None Supplied	4	Brown sandy loam with gravel.
2533923	ECBH4	None Supplied	6	Brown clay and sand with gravel.
2533924	ECBH5	None Supplied	3	Brown sandy loam with gravel.
2533925	ECBH5	None Supplied	4	Brown sandy loam with gravel.
2533926	ECBH5	None Supplied	6	Brown sandy loam with gravel.
2533927	ECBH6	None Supplied	3	Brown loam and sand with gravel.
2533928	ECBH6	None Supplied	4	Brown sandy loam with gravel.
2533929	ECBH6	None Supplied	6	Brown sandy loam with gravel and oil / petroleum.
2533930	ECBH7	None Supplied	3	Brown sandy loam with gravel.
2533931	ECBH7	None Supplied	4	Brown sandy loam with gravel.
2533932	ECBH7	None Supplied	6	Brown sandy loam with gravel.
2533933	ECBH7	None Supplied	7	Brown loam and sand with gravel and vegetation.
2533934	ECBH8	None Supplied	3	Brown clay.
2533935	ECBH8	None Supplied	4	Brown clay.
2533936	ECBH8	None Supplied	6	Brown sandy loam with gravel.
2533937	ECBH8	None Supplied	7	Brown clay and sand with gravel and oil / petroleum.
2533938	ECBH9	None Supplied	3	Brown clay and loam with gravel.
2533939	ECBH9	None Supplied	4	Brown sandy loam with gravel.
2533940	ECBH9	None Supplied	6	Brown gravelly loam with oil / petroleum.
2533941	ECBH9	None Supplied	7	Brown clay and sand with oil / petroleum.
2533942	ECBH10	None Supplied	3	Brown clay.
2533943	ECBH10	None Supplied	4	Brown loam and sand with gravel.
2533944	ECBH10	None Supplied	6	Brown sandy loam with gravel.
2533945	ECBH10	None Supplied	7	Brown sandy loam with gravel.
2533946	ECBH11	None Supplied	3	Brown clay and loam with gravel.
2533947	ECBH11	None Supplied	4	Brown loam and sand with gravel.
2533948	ECBH11	None Supplied	6	Brown sandy loam with gravel.
2533949	ECBH12	None Supplied	3	Brown sandy loam with gravel.
2533950	ECBH12	None Supplied	4	Brown loam and clay with stones.
2533951	ECBH12	None Supplied	6	Brown loam and sand with gravel.
2533952	ECBH13	None Supplied	0.5	Brown clay and loam with gravel and vegetation.
2533953	ECBH13	None Supplied	1	Brown sandy loam with gravel.
2533954	ECBH13	None Supplied	3	Brown clay and sand with gravel.
2533955	ECBH13	None Supplied	4	Brown clay and sand with gravel.
2533956	ECBH14	None Supplied	0.5	Brown loam and sand with gravel.
2533957	ECBH14	None Supplied	1	Brown loam and sand with gravel.
2533958	ECBH14	None Supplied	2	Brown loam and sand with gravel.
2533959	ECBH15	None Supplied	0.5	Brown sandy loam with gravel.
2533960	ECBH15	None Supplied	1	Brown sandy loam with gravel.
2533961	ECBH15	None Supplied	3	Brown sandy loam with gravel.
2533962	ECBH15	None Supplied	4	Brown sandy loam with gravel.
2533963	ECBH16	None Supplied	0.5	Brown sandy loam with gravel and vegetation.
2533964	ECBH16	None Supplied	1	Brown sandy loam with gravel and vegetation.
2533965	ECBH16	None Supplied	3	Brown sandy loam with gravel.
2533966	ECBH16	None Supplied	4	Brown sandy loam with gravel.
2533967	ECBH17	None Supplied	0.5	Brown sandy loam with gravel and vegetation.
2533968	ECBH17	None Supplied	1	Brown sandy loam with gravel and vegetation.

Sample Deviation Report



Analytical Report Number : 22-13341

Project / Site name: Ardrossan

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2533969	ECBH17	None Supplied	3	Brown clay and sand with gravel.
2533970	ECBH17	None Supplied	4	Brown clay and sand with gravel and oil / petroleum.
2533971	ECBH18	None Supplied	0.5	Brown loam and sand with gravel.
2533972	ECBH18	None Supplied	1	Brown loam and sand with gravel.
2533973	ECBH18	None Supplied	3	Brown clay and loam with gravel.

Sample Deviation Report



Analytical Report Number : 22-13341

Project / Site name: Ardrossan

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds in soil by extraction in dichloromethane and hexane followed by GC-MS.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS. Individual components MCERTS accredited	In-house method based on USEPA8260	L073B-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references.	HSE Report No: 83/1996, HSG 248, HSG 264 & SCA Blue Book (draft).	A006-PL	D	ISO 17025
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Information in Support of Analytical Results

Analytical Report Number : 22-13341

Project / Site name: Ardrossan

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
-	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

Sample Deviation Report



Analytical Report Number : 22-13341

Project / Site name: Ardrossan

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
ECBH1	None Supplied	S	2533910	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH1	None Supplied	S	2533910	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH1	None Supplied	S	2533911	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH1	None Supplied	S	2533911	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH1	None Supplied	S	2533911	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH1	None Supplied	S	2533912	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH1	None Supplied	S	2533912	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH1	None Supplied	S	2533912	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH10	None Supplied	S	2533942	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH10	None Supplied	S	2533942	b	TPHCWG (Soil)	L088/76-PL	b
ECBH10	None Supplied	S	2533942	b	Volatile organic compounds in soil	L073B-PL	b
ECBH10	None Supplied	S	2533943	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH10	None Supplied	S	2533943	b	TPHCWG (Soil)	L088/76-PL	b
ECBH10	None Supplied	S	2533944	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH10	None Supplied	S	2533944	b	TPHCWG (Soil)	L088/76-PL	b
ECBH10	None Supplied	S	2533944	b	Volatile organic compounds in soil	L073B-PL	b
ECBH10	None Supplied	S	2533945	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH10	None Supplied	S	2533945	b	TPHCWG (Soil)	L088/76-PL	b
ECBH10	None Supplied	S	2533945	b	Volatile organic compounds in soil	L073B-PL	b
ECBH11	None Supplied	S	2533946	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH11	None Supplied	S	2533946	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH11	None Supplied	S	2533946	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH11	None Supplied	S	2533947	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH11	None Supplied	S	2533947	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH11	None Supplied	S	2533948	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH11	None Supplied	S	2533948	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH11	None Supplied	S	2533948	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH12	None Supplied	S	2533949	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH12	None Supplied	S	2533949	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH12	None Supplied	S	2533949	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH12	None Supplied	S	2533950	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH12	None Supplied	S	2533950	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH12	None Supplied	S	2533951	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH12	None Supplied	S	2533951	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH12	None Supplied	S	2533951	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH13	None Supplied	S	2533952	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH13	None Supplied	S	2533952	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH13	None Supplied	S	2533952	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH13	None Supplied	S	2533953	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH13	None Supplied	S	2533953	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH13	None Supplied	S	2533954	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH13	None Supplied	S	2533954	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH13	None Supplied	S	2533954	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH13	None Supplied	S	2533955	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH13	None Supplied	S	2533955	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH13	None Supplied	S	2533955	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH14	None Supplied	S	2533956	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH14	None Supplied	S	2533956	b	TPHCWG (Soil)	L088/76-PL	b
ECBH14	None Supplied	S	2533956	b	Volatile organic compounds in soil	L073B-PL	b
ECBH14	None Supplied	S	2533957	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH14	None Supplied	S	2533957	b	TPHCWG (Soil)	L088/76-PL	b
ECBH14	None Supplied	S	2533958	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH14	None Supplied	S	2533958	b	TPHCWG (Soil)	L088/76-PL	b
ECBH14	None Supplied	S	2533958	b	Volatile organic compounds in soil	L073B-PL	b
ECBH15	None Supplied	S	2533959	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH15	None Supplied	S	2533959	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH15	None Supplied	S	2533959	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH15	None Supplied	S	2533960	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH15	None Supplied	S	2533960	bc	TPHCWG (Soil)	L088/76-PL	b

Sample Deviation Report



Analytical Report Number : 22-13341

Project / Site name: Ardrossan

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
ECBH15	None Supplied	S	2533961	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH15	None Supplied	S	2533961	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH15	None Supplied	S	2533961	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH15	None Supplied	S	2533962	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH15	None Supplied	S	2533962	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH15	None Supplied	S	2533962	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH16	None Supplied	S	2533963	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH16	None Supplied	S	2533963	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH16	None Supplied	S	2533963	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH16	None Supplied	S	2533964	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH16	None Supplied	S	2533964	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH16	None Supplied	S	2533965	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH16	None Supplied	S	2533965	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH16	None Supplied	S	2533965	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH16	None Supplied	S	2533966	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH16	None Supplied	S	2533966	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH16	None Supplied	S	2533966	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH17	None Supplied	S	2533967	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH17	None Supplied	S	2533967	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH17	None Supplied	S	2533967	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH17	None Supplied	S	2533968	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH17	None Supplied	S	2533968	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH17	None Supplied	S	2533969	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH17	None Supplied	S	2533969	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH17	None Supplied	S	2533969	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH17	None Supplied	S	2533970	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH17	None Supplied	S	2533970	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH17	None Supplied	S	2533970	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH18	None Supplied	S	2533971	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH18	None Supplied	S	2533971	b	TPHCWG (Soil)	L088/76-PL	b
ECBH18	None Supplied	S	2533971	b	Volatile organic compounds in soil	L073B-PL	b
ECBH18	None Supplied	S	2533972	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH18	None Supplied	S	2533972	b	TPHCWG (Soil)	L088/76-PL	b
ECBH18	None Supplied	S	2533973	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH18	None Supplied	S	2533973	b	TPHCWG (Soil)	L088/76-PL	b
ECBH18	None Supplied	S	2533973	b	Volatile organic compounds in soil	L073B-PL	b
ECBH2	None Supplied	S	2533913	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH2	None Supplied	S	2533913	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH2	None Supplied	S	2533913	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH2	None Supplied	S	2533914	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH2	None Supplied	S	2533914	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH2	None Supplied	S	2533915	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH2	None Supplied	S	2533915	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH2	None Supplied	S	2533915	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH2	None Supplied	S	2533916	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH2	None Supplied	S	2533916	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH2	None Supplied	S	2533916	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH3	None Supplied	S	2533917	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH3	None Supplied	S	2533917	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH3	None Supplied	S	2533917	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH3	None Supplied	S	2533918	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH3	None Supplied	S	2533918	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH3	None Supplied	S	2533919	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH3	None Supplied	S	2533919	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH3	None Supplied	S	2533919	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH3	None Supplied	S	2533920	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH3	None Supplied	S	2533920	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH3	None Supplied	S	2533920	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH4	None Supplied	S	2533921	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc

Sample Deviation Report



Analytical Report Number : 22-13341

Project / Site name: Ardrossan

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
ECBH4	None Supplied	S	2533921	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH4	None Supplied	S	2533921	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH4	None Supplied	S	2533922	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH4	None Supplied	S	2533922	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH4	None Supplied	S	2533923	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH4	None Supplied	S	2533923	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH4	None Supplied	S	2533923	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH5	None Supplied	S	2533924	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH5	None Supplied	S	2533924	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH5	None Supplied	S	2533924	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH5	None Supplied	S	2533925	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH5	None Supplied	S	2533925	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH5	None Supplied	S	2533926	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH5	None Supplied	S	2533926	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH5	None Supplied	S	2533926	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH6	None Supplied	S	2533927	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH6	None Supplied	S	2533927	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH6	None Supplied	S	2533927	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH6	None Supplied	S	2533928	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH6	None Supplied	S	2533928	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH6	None Supplied	S	2533929	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH6	None Supplied	S	2533929	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH6	None Supplied	S	2533929	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH7	None Supplied	S	2533930	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH7	None Supplied	S	2533930	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH7	None Supplied	S	2533930	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH7	None Supplied	S	2533931	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH7	None Supplied	S	2533931	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH7	None Supplied	S	2533932	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH7	None Supplied	S	2533932	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH7	None Supplied	S	2533932	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH7	None Supplied	S	2533933	bc	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	bc
ECBH7	None Supplied	S	2533933	bc	TPHCWG (Soil)	L088/76-PL	b
ECBH7	None Supplied	S	2533933	bc	Volatile organic compounds in soil	L073B-PL	bc
ECBH8	None Supplied	S	2533934	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH8	None Supplied	S	2533934	b	TPHCWG (Soil)	L088/76-PL	b
ECBH8	None Supplied	S	2533934	b	Volatile organic compounds in soil	L073B-PL	b
ECBH8	None Supplied	S	2533935	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH8	None Supplied	S	2533935	b	TPHCWG (Soil)	L088/76-PL	b
ECBH8	None Supplied	S	2533936	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH8	None Supplied	S	2533936	b	TPHCWG (Soil)	L088/76-PL	b
ECBH8	None Supplied	S	2533936	b	Volatile organic compounds in soil	L073B-PL	b
ECBH8	None Supplied	S	2533937	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH8	None Supplied	S	2533937	b	TPHCWG (Soil)	L088/76-PL	b
ECBH8	None Supplied	S	2533937	b	Volatile organic compounds in soil	L073B-PL	b
ECBH9	None Supplied	S	2533938	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH9	None Supplied	S	2533938	b	TPHCWG (Soil)	L088/76-PL	b
ECBH9	None Supplied	S	2533938	b	Volatile organic compounds in soil	L073B-PL	b
ECBH9	None Supplied	S	2533939	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH9	None Supplied	S	2533939	b	TPHCWG (Soil)	L088/76-PL	b
ECBH9	None Supplied	S	2533940	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH9	None Supplied	S	2533940	b	TPHCWG (Soil)	L088/76-PL	b
ECBH9	None Supplied	S	2533940	b	Volatile organic compounds in soil	L073B-PL	b
ECBH9	None Supplied	S	2533941	b	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	b
ECBH9	None Supplied	S	2533941	b	TPHCWG (Soil)	L088/76-PL	b
ECBH9	None Supplied	S	2533941	b	Volatile organic compounds in soil	L073B-PL	b

APPENDIX 4.0 – GAS & GW MONITORING RESULTS

CONTRACT NO: 7124
 CONTRACT NAME: NORTH SHORE, ARDROSSAN
 CLIENT: FAIRHURST



DATE		WATER LEVEL (mBGL)	PRODUCT LEVEL (mBGL)	CH4 (%)		CO2 (%)		O2 (%)		CO (PPM)	H2S (PPM)	FLOW (L/HR)	Baro
				STEADY	PEAK	STEADY	PEAK	STEADY	PEAK				
22/12/22	BACKGROUND	-	-	0.0	-	0.0	-	21.2	-	0	0	-	999
22/12/22	EC-BH01	5.50	-	0.2	0.3	5.9	5.9	14.9	14.9	0	1	0.0	999
22/12/22	EC-BH02	5.04	-	1.7	1.7	6.2	6.2	14.0	14.0	1	0	0.0	999
22/12/22	EC-BH03	5.69	-	0.1	0.4	8.8	8.9	11.4	11.4	0	0	0.0	999
22/12/22	EC-BH04	DRY	-	2.5	2.5	13.5	14.1	0.5	0.5	0	0	0.0	999
22/12/22	EC-BH05	4.59	-	0.0	0.0	4.3	4.5	15.8	15.8	0	0	0.0	999
22/12/22	EC-BH06	5.38	-	1.0	1.0	7.3	7.3	9.1	9.1	2	0	-0.1	999
22/12/22	EC-BH07	4.84	-	0.1	0.3	1.9	1.9	20.4	18.5	0	0	-0.2	999
22/12/22	EC-BH08	6.08	*	1.1	1.1	12.6	12.7	2.3	2.2	0	0	-0.2	999
22/12/22	EC-BH09	5.46	*	0.4	0.4	2.6	2.7	17.5	16.4	1	0	-0.4	999
22/12/22	EC-BH10	5.13	*	0.4	0.5	5.6	5.9	14.0	13.7	0	0	-0.4	999
22/12/22	EC-BH11	5.69	**	0.5	0.5	8.5	8.5	7.6	7.6	0	1	-0.4	999
22/12/22	EC-BH12	DRY	-	0.2	0.3	5.3	5.3	12.9	12.9	0	0	-0.4	999
22/12/22	EC-BH13	2.80	-	0.0	0.1	0.1	0.5	21.5	21.2	0	0	-0.4	999
22/12/22	EC-BH15	2.91	-	0.0	0.0	0.9	0.9	20.6	19.9	0	0	-0.1	999
22/12/22	EC-BH16	2.83	-	0.0	0.0	0.6	0.6	21.0	21.0	0	0	-0.1	999
22/12/22	EC-BH17	3.01	-	0.0	0.0	4.0	4.0	16.9	16.9	0	0	-0.1	999
22/12/22	EC-BH18	3.22	-	0.0	0.1	0.4	0.4	18.1	18.1	0	0	-0.3	999

* Slight oil residue on interface probe

** Strong hydrocarbon odour and oil residue on interface probe

CONTRACT NO: 7124
 CONTRACT NAME: NORTH SHORE, ARDROSSAN
 CLIENT: FAIRHURST



DATE		WATER LEVEL (mBGL)	PRODUCT LEVEL (mBGL)	CH4 (%)		CO2 (%)		O2 (%)		CO (PPM)	H2S (PPM)	FLOW (L/HR)	Baro
				STEADY	PEAK	STEADY	PEAK	STEADY	PEAK				
02/01/23	BACKGROUND	-	-	0.0	-	0.0	-	21.2	-	0	0	-	1010
02/01/23	EC-BH01	5.22	-	0.3	0.6	7.7	7.8	13.0	13.0	0	0	0.1	1010
02/01/23	EC-BH02	4.79	*	5.1	5.1	13.6	13.6	1.8	1.8	0	0	0.0	1010
02/01/23	EC-BH03	5.44	-	0.1	0.2	5.9	5.9	15.7	15.7	0	0	0.1	1010
02/01/23	EC-BH04	1.94	-	1.0	1.0	11.5	11.5	1.3	1.3	0	0	-8.8	1010
02/01/23	EC-BH05	4.31	-	0.2	0.2	9.8	9.8	9.2	9.2	0	0	0.3	1010
02/01/23	EC-BH06	5.07	*	0.9	0.9	5.8	5.8	12.8	12.8	0	0	0.0	1010
02/01/23	EC-BH07	4.33	-	0.2	0.3	6.3	6.4	13.2	13.2	0	0	-0.1	1010
02/01/23	EC-BH08	5.78	**	9.8	9.8	11.2	11.2	3.5	3.5	0	0	-0.1	1010
02/01/23	EC-BH09	5.12	*	1.9	1.9	5.9	5.9	8.9	8.9	0	0	-0.1	1010
02/01/23	EC-BH10	3.09	*	5.5	5.8	9.2	9.7	6.3	6.3	1	0	-0.4	1010
02/01/23	EC-BH11	5.49	*	0.4	0.4	10.6	10.7	5.1	5.1	2	0	-0.3	1010
02/01/23	EC-BH12	3.82	*	0.2	0.7	5.8	5.8	11.1	11.1	0	0	-0.3	1010
02/01/23	EC-BH13	2.54	-	0.2	0.2	0.2	0.4	21.6	20.4	0	0	-0.3	1010
02/01/23	EC-BH15	2.9	-	0.1	0.1	0.8	0.8	20.9	20.3	0	0	0.0	1010
02/01/23	EC-BH16	2.59	-	0.0	0.0	0.6	0.6	21.2	21.1	0	0	0.0	1010
02/01/23	EC-BH17	2.60	-	0.0	0.0	4.0	4.0	16.8	16.8	0	0	0.0	1010
02/01/23	EC-BH18	2.97	-	0.0	0.0	0.7	1.0	17.6	17.6	0	0	-0.7	1010

* Slight oil residue on interface probe

** Strong hydrocarbon odour and oil residue on interface probe

CONTRACT NO: 7124
 CONTRACT NAME: NORTH SHORE, ARDROSSAN
 CLIENT: FAIRHURST



DATE		WATER LEVEL (mBGL)	PRODUCT LEVEL (mBGL)	CH4 (%)		CO2 (%)		O2 (%)		CO (PPM)	H2S (PPM)	FLOW (L/HR)	Baro
				STEADY	PEAK	STEADY	PEAK	STEADY	PEAK				
09/01/23	BACKGROUND	-	-	0.0	-	0.0	-	21.3	-	0	0	-	990
09/01/23	EC-BH01	5.20	-	0.2	1.8	7.3	11.8	12.6	12.6	0	0	-0.4	990
09/01/23	EC-BH02	4.77	-	2.0	2.6	12.4	12.4	2.4	2.4	1	0	-0.5	990
09/01/23	EC-BH03	5.41	-	0.1	0.6	6.4	8.1	14.4	7.5	0	0	-0.4	990
09/01/23	EC-BH04	2.00	-	0.7	0.7	8.4	8.4	6.4	5.5	1	0	-7.3	990
09/01/23	EC-BH05	4.13	-	0.2	0.2	9.0	9.1	3.9	3.9	0	0	-0.7	990
09/01/23	EC-BH06	4.98	-	0.7	0.7	5.2	5.4	13.3	13.0	0	0	-0.4	990
09/01/23	EC-BH07	4.30	-	0.2	0.6	5.3	5.3	15.5	13.5	0	0	-0.3	990
09/01/23	EC-BH08	5.76	*	2.4	2.4	7.9	7.9	9.1	9.1	0	0	-0.5	990
09/01/23	EC-BH09	5.06	**	0.5	0.5	6.3	6.5	8.2	7.8	0	0	-0.4	990
09/01/23	EC-BH10	3.17	*	4.3	4.3	9.4	10.1	6.1	5.9	1	0	-5.7	990
09/01/23	EC-BH11	5.47	*	0.3	0.3	10.6	10.6	4.9	4.9	2	0	-0.6	990
09/01/23	EC-BH12	DRY	-	0.2	0.2	5.7	7.5	13.2	13.2	0	0	-0.5	990
09/01/23	EC-BH13	2.50	-	0.2	0.2	0.1	5.2	21.2	15.6	0	0	-0.5	990
09/01/23	EC-BH15	2.77	-	0.1	0.1	0.8	7.4	12.4	12.4	0	0	-0.5	990
09/01/23	EC-BH16	2.47	-	0.0	0.0	0.5	1.6	21.1	20.7	0	0	-0.5	990
09/01/23	EC-BH17	2.55	-	0.0	0.0	3.5	3.5	16.8	16.8	0	0	-0.4	990
09/01/23	EC-BH18	2.98	-	0.2	3.9	0.7	9.4	17.7	17.7	0	0	-1.9	990

* Slight oil residue on interface probe

** Strong hydrocarbon odour and oil residue on interface probe

CONTRACT NO: 7124
 CONTRACT NAME: NORTH SHORE, ARDROSSAN
 CLIENT: FAIRHURST



DATE		WATER LEVEL (mBGL)	PRODUCT LEVEL (mBGL)	CH4 (%)		CO2 (%)		O2 (%)		CO (PPM)	H2S (PPM)	FLOW (L/HR)	Baro
				STEADY	PEAK	STEADY	PEAK	STEADY	PEAK				
15/01/23	BACKGROUND	-	-	0.0	-	0.0	-	21.1	-	0	0	-	991
15/01/23	EC-BH01	3.19	-	2.2	2.2	12.5	12.5	3.5	2.6	1	0	-0.9	991
15/01/23	EC-BH02	3.58	-	0.2	2.2	6.6	12.5	14.1	2.6	0	0	-0.7	991
15/01/23	EC-BH03	2.33	-	0.6	0.6	7.2	7.9	9.6	9.1	1	0	-0.4	991
15/01/23	EC-BH04	1.55	-	0.2	0.6	0.2	7.9	21.4	9.1	0	0	7.2	991
15/01/23	EC-BH05	3.91	-	0.2	0.3	6.7	9.6	13.1	0.7	0	0	-0.3	991
15/01/23	EC-BH06	DRY	-	0.7	2.0	6.0	6.7	7.3	6.9	0	0	-0.3	991
15/01/23	EC-BH07	2.81	-	0.8	1.1	6.7	8.1	9.5	6.4	0	0	-0.3	991
15/01/23	EC-BH08	6.01	*	0.2	13.7	3.4	10.6	16.3	3.5	0	0	-0.3	991
15/01/23	EC-BH09	5.01	**	12.1	13.7	9.4	10.6	4.8	3.5	0	0	-0.3	991
15/01/23	EC-BH10	3.10	*	0.2	3.6	9.9	10.6	5.4	4.9	1	0	-2.7	991
15/01/23	EC-BH11	3.14	**	0.2	0.3	6.5	10.6	7.0	4.9	0	0	-0.4	991
15/01/23	EC-BH12	3.60	-	0.2	0.3	0.1	6.5	21.5	7.0	0	0	-0.5	991
15/01/23	EC-BH13	2.32	-	0.2	0.3	7.7	8.1	6.8	6.4	0	0	-0.3	991
15/01/23	EC-BH15	2.62	-	0.1	0.2	0.2	0.9	21.1	20.2	0	0	-0.2	991
15/01/23	EC-BH16	2.29	-	0.0	0.0	0.8	0.9	20.2	20.2	0	0	-0.3	991
15/01/23	EC-BH17	2.41	-	0.0	0.1	0.6	3.4	20.3	16.3	0	0	-0.4	991
15/01/23	EC-BH18	2.75	-	3.3	3.6	9.5	9.5	7.3	6.0	1	0	-0.3	991

* Slight oil residue on interface probe

** Strong hydrocarbon odour and oil residue on interface probe

CONTRACT NO: 7124
 CONTRACT NAME: NORTH SHORE, ARDROSSAN
 CLIENT: FAIRHURST



DATE		WATER LEVEL (mBGL)	PRODUCT LEVEL (mBGL)	CH4 (%)		CO2 (%)		O2 (%)		CO (PPM)	H2S (PPM)	FLOW (L/HR)	Baro
				STEADY	PEAK	STEADY	PEAK	STEADY	PEAK				
23/01/23	BACKGROUND	-	-	0.0	-	0.0	-	20.8	-	0	0	-	1032
23/01/23	EC-BH01	5.29	-	0.0	0.0	4.9	4.9	15.8	15.8	0	0	0.0	1032
23/01/23	EC-BH02	4.83	-	1.4	1.4	11.0	11.1	3.9	3.9	1	0	0.0	1032
23/01/23	EC-BH03	5.46	-	0.1	1.3	4.6	9.9	15.4	5.0	0	0	0.0	1032
23/01/23	EC-BH04	3.45	-	0.6	0.6	7.7	7.7	6.1	6.1	0	0	0.1	1032
23/01/23	EC-BH05	4.29	-	0.1	0.5	4.1	7.3	15.5	6.6	0	0	0.0	1032
23/01/23	EC-BH06	5.09	-	0.6	0.6	6.2	6.2	10.4	10.4	1	0	0.0	1032
23/01/23	EC-BH07	4.38	-	0.1	0.6	3.4	5.7	19.9	10.9	0	0	0.0	1032
23/01/23	EC-BH08	5.81	*	0.3	0.3	6.2	6.2	14.0	14.0	0	0	0.1	1032
23/01/23	EC-BH09	4.96	*	0.3	0.3	2.7	2.7	15.9	15.9	0	0	0.1	1032
23/01/23	EC-BH10	3.54	*	2.3	2.3	5.3	9.5	13.3	5.4	0	0	-0.8	1032
23/01/23	EC-BH11	5.35	**	0.2	0.2	10.7	10.7	4.7	4.7	1	0	-0.1	1032
23/01/23	EC-BH12	3.68	-	0.1	0.3	4.8	5.5	13.5	13.5	0	0	0.0	1032
23/01/23	EC-BH13	2.33	-	0.0	0.2	1.0	3.5	19.0	17.6	0	0	0.1	1032
23/01/23	EC-BH15	2.98	-	0.0	0.2	0.6	4.4	21.0	14.9	0	0	0.0	1032
23/01/23	EC-BH16	2.66	-	0.0	0.0	0.4	1.2	21.2	20.5	0	0	0.1	1032
23/01/23	EC-BH17	2.61	-	0.0	0.0	2.7	2.7	17.2	17.2	0	0	0.1	1032
23/01/23	EC-BH18	3.02	-	0.1	1.9	0.6	5.5	17.8	13.7	1	0	-0.3	1032

* Slight oil residue on interface probe

** Strong hydrocarbon odour and oil residue on interface probe

CONTRACT NO: 7124
 CONTRACT NAME: NORTH SHORE, ARDROSSAN
 CLIENT: FAIRHURST



DATE		WATER LEVEL (mBGL)	PRODUCT LEVEL (mBGL)	CH4 (%)		CO2 (%)		O2 (%)		CO (PPM)	H2S (PPM)	FLOW (L/HR)	Baro
				STEADY	PEAK	STEADY	PEAK	STEADY	PEAK				
29/01/23	BACKGROUND	-	-	0.0	-	0.0	-	21.2	-	0	0	-	1019
29/01/23	EC-BH01	5.34	-	0.2	0.7	5.3	5.3	15.0	12.3	0	0	0.1	1019
29/01/23	EC-BH02	4.93	-	1.1	1.1	11.2	11.2	4.0	4.0	1	0	0.2	1019
29/01/23	EC-BH03	5.50	-	0.2	1.1	5.0	11.0	15.2	4.2	0	0	0.1	1019
29/01/23	EC-BH04	DRY	-	0.9	0.9	9.5	9.5	2.2	2.2	0	0	0.2	1019
29/01/23	EC-BH05	DRY	-	0.2	0.8	11.8	11.8	2.5	2.5	0	0	0.2	1019
29/01/23	EC-BH06	5.14	-	0.7	0.7	9.1	9.1	5.3	5.3	1	0	0.2	1019
29/01/23	EC-BH07	4.45	-	0.2	0.7	6.1	8.9	10.1	5.3	0	0	0.2	1019
29/01/23	EC-BH08	5.80	*	0.4	0.4	8.9	8.9	7.1	7.1	0	0	0.1	1019
29/01/23	EC-BH09	5.09	*	0.3	0.3	4.9	8.1	9.8	7.1	0	0	0.2	1019
29/01/23	EC-BH10	3.25	*	1.4	1.4	5.4	10.6	12.7	3.6	0	0	-0.3	1019
29/01/23	EC-BH11	5.56	**	0.2	1.3	10.5	10.5	4.7	4.7	1	0	0.1	1019
29/01/23	EC-BH12	3.62	-	0.2	0.2	8.1	10.2	4.9	4.9	0	0	0.2	1019
29/01/23	EC-BH13	2.55	-	0.6	0.6	3.7	5.9	13.5	10.7	0	0	0.0	1019
29/01/23	EC-BH15	3.07	-	0.0	0.0	0.7	0.7	20.4	20.4	0	0	-0.3	1019
29/01/23	EC-BH16	2.43	-	0.0	0.1	0.6	8.3	16.8	5.3	0	0	0.1	1019
29/01/23	EC-BH17	2.75	-	0.0	0.0	0.7	2.7	17.3	17.3	0	0	0.1	1019
29/01/23	EC-BH18	2.80	-	0.0	0.0	0.4	0.6	20.6	20.4	1	0	-0.3	1019

* Slight oil residue on interface probe

** Strong hydrocarbon odour and oil residue on interface probe

APPENDIX 5.0 – TP PHOTOS

C 2022 SOIL RESULT ASSESSMENT

2022 Site Investigation Summary Table 1

Sample Reference	ECTP6		ECTP7
Depth (m)		2.00	0.20
Analytical Parameter (Soil Analysis)	mm		
Moisture Content	%	0.1	45
Total mass of sample received	kg	0.001	1.3

Asbestos in Soil Screen / Identification Name	Type	NA	-	-
Asbestos in Soil	Type	NA	-	Not-detected
Asbestos Analyt ID	NA	NA	NA	DSA

General Inorganics				
pH - Automated	pH Units	NA	6.9	8.1
Water Soluble SO4 (2:1 Leach, Equiv.) 1hr extraction	mg/l	0.0023	0.007	-
Water Soluble SO4 (2:1 Leach, Equiv.) 1hr extraction	mg/kg	2.5	170	-
Water Soluble SO4 (2:1 Leach, Equiv.) 1hr extraction	mg/l	1.25	87.3	-

Heavy Metals / Metalloids				
Arsenic (aqua regia extractable)	mg/kg	1	0.8	0.2
Cadmium (aqua regia extractable)	mg/kg	0.2	0.50	< 0.2
Chromium (hexavalent)	mg/kg	1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	19	36
Chromium (aqua regia extractable)	mg/kg	1	19	36
Copper (aqua regia extractable)	mg/kg	1	55	44
Lead (aqua regia extractable)	mg/kg	1	150	97
Mercury (aqua regia extractable)	mg/kg	0.3	1.2	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	37	80
Selenium (aqua regia extractable)	mg/kg	1	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	230	140

Monocyclics & Oxygenates				
Benzene	µg/kg	5	< 5.0	< 5.0
Toluene	µg/kg	5	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	< 5.0	< 5.0
p, m-xylene	µg/kg	5	< 5.0	< 5.0
o-xylene	µg/kg	5	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	< 5.0	< 5.0

Petroleum Hydrocarbons				
TPH-CWG - Aliphatic >ECS - EC9	mg/kg	0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >ECS - EC9	mg/kg	0.001	2.8	< 0.001
TPH-CWG - Aliphatic >ECB - EC10	mg/kg	0.001	36	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	4.7	2.7
TPH-CWG - Aliphatic >EC12 - EC14	mg/kg	2	22	7.8
TPH-CWG - Aliphatic >EC14 - EC16	mg/kg	8	23	19
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	43	88
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	10	130	120

TPH-CWG - Aromatic >ECS - EC7	mg/kg	0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >E7 - EC9	mg/kg	0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC9 - EC10	mg/kg	0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	1.4	9.3
TPH-CWG - Aromatic >EC12 - EC14	mg/kg	2	11	63
TPH-CWG - Aromatic >EC14 - EC16	mg/kg	10	22	170
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	38	330
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	72	560

VOCs				
Chloroethane	µg/kg	5	< 5.0	-
Bromomethane	µg/kg	5	< 5.0	-
Vinyl Chloride	µg/kg	5	< 5.0	-
Trichloroethane	µg/kg	5	< 5.0	-
1,1-Dichloroethane	µg/kg	5	< 5.0	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	< 5.0	-
Cis-1,2-dichloroethane	µg/kg	5	< 5.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	< 5.0	-
1,1-Dichloroethane	µg/kg	5	< 5.0	-
2,2-Dichloropropane	µg/kg	5	< 5.0	-
Trichloroethane	µg/kg	5	< 5.0	-
1,1,1-Trichloroethane	µg/kg	5	< 5.0	-
1,2-Dichloroethane	µg/kg	5	< 5.0	-
1,1-Dichloropropene	µg/kg	5	< 5.0	-
Trans-1,2-dichloroethane	µg/kg	5	< 5.0	-
Benzene	µg/kg	5	< 5.0	-
Tetrachloroethane	µg/kg	5	< 5.0	-
1,2-Dichloropropane	µg/kg	5	< 5.0	-
Trichloroethene	µg/kg	5	< 5.0	-
Dibromomethane	µg/kg	5	< 5.0	-
Bromochloromethane	µg/kg	5	< 5.0	-
Cis-1,3-dichloropropene	µg/kg	5	< 5.0	-
Trans-1,3-dichloropropene	µg/kg	5	< 5.0	-
Toluene	µg/kg	5	< 5.0	-
1,1,2-Trichloroethane	µg/kg	5	< 5.0	-
1,3-Dichloropropane	µg/kg	5	< 5.0	-
Dibromochloromethane	µg/kg	5	< 5.0	-
Tetrachloroethene	µg/kg	5	< 5.0	-
1,2-Dibromomethane	µg/kg	5	< 5.0	-
Chlorobenzene	µg/kg	5	< 5.0	-
1,1,1,2-Tetrachloroethane	µg/kg	5	< 5.0	-
Ethylbenzene	µg/kg	5	< 5.0	-
p, m-xylene	µg/kg	5	< 5.0	-
Benzene	µg/kg	5	< 5.0	-
Triisobutylbenzene	µg/kg	5	< 5.0	-
o-xylene	µg/kg	5	< 5.0	-
1,1,2,2-Tetrachloroethane	µg/kg	5	< 5.0	-
Isopropylbenzene	µg/kg	5	< 5.0	-
Bromobenzene	µg/kg	5	< 5.0	-
isopropylbenzene	µg/kg	5	< 5.0	-
2-Chlorotoluene	µg/kg	5	< 5.0	-
4-Chlorotoluene	µg/kg	5	< 5.0	-
1,1,5-Trimethylbenzene	µg/kg	5	< 5.0	-
tert-Butylbenzene	µg/kg	5	< 5.0	-
1,2,4-Trimethylbenzene	µg/kg	5	< 5.0	-
sec-Butylbenzene	µg/kg	5	< 5.0	-
1,3-Dichlorobenzene	µg/kg	5	< 5.0	-
p-isopropyltoluene	µg/kg	5	< 5.0	-
1,2-Dichlorobenzene	µg/kg	5	< 5.0	-
1,4-Dichlorobenzene	µg/kg	5	< 5.0	-
Buylbenzene	µg/kg	5	< 5.0	-
1,2-Dibromo-3-chloropropane	µg/kg	5	< 5.0	-
1,2,4-Trichlorobenzene	µg/kg	5	< 5.0	-
Hexachlorocyclopentadiene	µg/kg	5	< 5.0	-
1,2,3-Trichlorobenzene	µg/kg	5	< 5.0	-

SVOCs				
Aroline	mg/kg	0.1	< 0.1	0.2
Phenol	mg/kg	0.2	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	< 0.1	< 0.1
Bis(2-chlorophenoxy)ether	mg/kg	0.2	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	< 0.2	< 0.2
Bis(2-chlorophenoxy)ether	mg/kg	0.1	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	< 0.3	< 0.3
Hexachlorocyclopentadiene	mg/kg	0.05	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	< 0.2	< 0.2
Bisphenol A	mg/kg	0.2	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	< 0.3	< 0.3
Bis(2-chlorophenoxy)ethane	mg/kg	0.3	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	< 0.3	< 0.3
Naphthalene	mg/kg	0.05	3.1	5.5
2,4-Dichlorophenol	mg/kg	0.3	< 0.3	< 0.3
4-Chlorophenol	mg/kg	0.1	< 0.1	< 0.1
Hexachlorocyclopentadiene	mg/kg	0.1	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	2.6	8.5
2-Chloronaphthalene	mg/kg	0.1	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.05	0.12	0.22
Acenaphthene	mg/kg	0.05	2.9	13
2,4-Dinitrotoluene	mg/kg	0.2	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	1.8	5.3
4-Chlorophenyl phenyl ether	mg/kg	0.3	< 0.3	< 0.3
Diallyl phthalate	mg/kg	0.2	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	< 0.2	< 0.2
Fluorene	mg/kg	0.05	2.8	7.5
Azobenzene	mg/kg	0.3	< 0.3	< 0.3
Bisphenol phenyl ether	mg/kg	0.2	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	< 0.3	< 0.3
Phenanthrene	mg/kg	0.05	4	54
Anthracene	mg/kg	0.05	1.7	12
Carbazole	mg/kg	0.1	0.3	2.8
Dibutyl phthalate	mg/kg	0.2	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	0.3	3.6
Fluoranthene	mg/kg	0.05	2.6	40
Pyrene	mg/kg	0.05	2.1	43
Butyl benzyl phthalate	mg/kg	0.3	< 0.3	< 0.3
Benzofuran	mg/kg	0.05	0.84	18
Chrysene	mg/kg	0.05	0.8	15
Benzofluoranthene	mg/kg	0.05	0.69	16
Benzofluoranthene	mg/kg	0.05	0.32	6.9
Benzofluoranthene	mg/kg	0.05	0.58	16
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	0.32	6.6
Dibenz(a,h)anthracene	mg/kg	0.05	0.08	1.7
Benzofluoranthene	mg/kg	0.05	0.48	9.4

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not Detected

*Data reported uncredited due to quality control parameter failure associated with this result; other checks applied prior to reporting the data have been accepted and the failure justified as having no significant impact on sample data reported.

**Over range data, sample was diluted and results are estimated from an extrapolated calibration. Results should be interpreted with care.

2022 Site Investigation Summary Table 1

Sample Reference	ECTP7	ECTP7	ECTP7	ECTP8	ECTP8	ECTP8	ECTP8
Depth (m)	0.30	1.50	3.00	0.20	0.50	1.50	3.00
Analytical Parameter (Soil Analysis)							
Dune Content	%	< 0.1	30	46	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	11	13	11	10	9.9
Total mass of sample received	kg	0.001	1.3	1.3	0.9	1.3	1.3

Asbestos in Soil Screen / Identification Name	Type	N/A	-	-	-	Amosite - Loose Fibres	-	-
Asbestos in Soil	Type	N/A	Not-detected	-	-	Not-detected	Detected	-
Asbestos Analyt ID	N/A	N/A	DSA	N/A	N/A	DSA	N/A	N/A

General Inorganics	Unit	N/A	8.5	8.4	8.5	7.7	8.2	7.9	7.1
pH - Automated	pH Units	N/A	8.5	8.4	8.5	7.7	8.2	7.9	7.1
Water Soluble SO4 (2:1 Leach Equiv.) 1hr extraction	mg/l	0.00229	0.018	-	0.088	-	0.087	-	0.064
Water Soluble SO4 (2:1 Leach Equiv.) 1hr extraction	mg/kg	2.5	35	-	180	-	17	-	13
Water Soluble SO4 (2:1 Leach Equiv.) 1hr extraction	mg/l	1.25	17.6	-	87.8	-	8.7	-	6.4

Heavy Metals / Metalloids	mg/kg	1	5.4	9.6	15	8.3	7.7	7.1	6.8
Antimony (aqueous regia extractable)	mg/kg	0.2	< 0.2	0.40	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Cadmium (aqueous regia extractable)	mg/kg	1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	12	10	9.9	36	27	29	31
Chromium (aqueous regia extractable)	mg/kg	1	12	40	36	36	27	29	32
Copper (aqueous regia extractable)	mg/kg	1	21	43	54	11	18	15	11
Lead (aqueous regia extractable)	mg/kg	1	27	24	54	33	61	34	40
Mercury (aqueous regia extractable)	mg/kg	0.3	0.7	0.6	< 0.3	< 0.3	0.5	< 0.3	0.3
Nickel (aqueous regia extractable)	mg/kg	1	12	10	9.9	36	27	29	31
Selenium (aqueous regia extractable)	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqueous regia extractable)	mg/kg	1	34	82	61	69	76	70	91

Monomerics & Oxygenates	µg/kg	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Toluene	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Ethylbenzene	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
p, m-xylene	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
o-xylene	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0

Polycyclic Aromatic Hydrocarbons	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC5 - EC9	mg/kg	0.001	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td>	< 0.001 <td>< 0.001 <td>< 0.001</td> </td>	< 0.001 <td>< 0.001</td>	< 0.001
TPH-CWG - Aliphatic >EC9 - EC10	mg/kg	0.001	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td>	< 0.001 <td>< 0.001 <td>< 0.001</td> </td>	< 0.001 <td>< 0.001</td>	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	0.001	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td>	< 0.001 <td>< 0.001 <td>< 0.001</td> </td>	< 0.001 <td>< 0.001</td>	< 0.001
TPH-CWG - Aliphatic >EC12 - EC15	mg/kg	2	< 2.0	17	14	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC15 - EC18	mg/kg	8	< 8.0	< 8.0	< 8.0	< 8.0	11	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC18 - EC21	mg/kg	8	< 8.0	< 8.0	< 8.0	< 8.0	69	< 8.0	12
TPH-CWG - Aliphatic >EC21 - EC25	mg/kg	10	< 10	23	20	< 10	80	< 10	12

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC9	mg/kg	0.001	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td>	< 0.001 <td>< 0.001 <td>< 0.001</td> </td>	< 0.001 <td>< 0.001</td>	< 0.001
TPH-CWG - Aromatic >EC9 - EC10	mg/kg	0.001	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td></td>	< 0.001 <td>< 0.001 <td>< 0.001 <td>< 0.001</td> </td></td>	< 0.001 <td>< 0.001 <td>< 0.001</td> </td>	< 0.001 <td>< 0.001</td>	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	< 1.0 <td>< 1.0 <td>< 1.0 <td>< 1.0 <td>< 1.0 <td>< 1.0 <td>< 1.0</td> </td></td></td></td></td>	< 1.0 <td>< 1.0 <td>< 1.0 <td>< 1.0 <td>< 1.0 <td>< 1.0</td> </td></td></td></td>	< 1.0 <td>< 1.0 <td>< 1.0 <td>< 1.0 <td>< 1.0</td> </td></td></td>	< 1.0 <td>< 1.0 <td>< 1.0 <td>< 1.0</td> </td></td>	< 1.0 <td>< 1.0 <td>< 1.0</td> </td>	< 1.0 <td>< 1.0</td>	< 1.0
TPH-CWG - Aromatic >EC12 - EC15	mg/kg	2	< 2.0 <td>< 2.0 <td>< 2.0 <td>< 2.0 <td>< 2.0 <td>< 2.0 <td>< 2.0</td> </td></td></td></td></td>	< 2.0 <td>< 2.0 <td>< 2.0 <td>< 2.0 <td>< 2.0 <td>< 2.0</td> </td></td></td></td>	< 2.0 <td>< 2.0 <td>< 2.0 <td>< 2.0 <td>< 2.0</td> </td></td></td>	< 2.0 <td>< 2.0 <td>< 2.0 <td>< 2.0</td> </td></td>	< 2.0 <td>< 2.0 <td>< 2.0</td> </td>	< 2.0 <td>< 2.0</td>	< 2.0
TPH-CWG - Aromatic >EC15 - EC18	mg/kg	10	< 10 <td>< 10 <td>< 10 <td>< 10 <td>< 10 <td>< 10 <td>< 10</td> </td></td></td></td></td>	< 10 <td>< 10 <td>< 10 <td>< 10 <td>< 10 <td>< 10</td> </td></td></td></td>	< 10 <td>< 10 <td>< 10 <td>< 10 <td>< 10</td> </td></td></td>	< 10 <td>< 10 <td>< 10 <td>< 10</td> </td></td>	< 10 <td>< 10 <td>< 10</td> </td>	< 10 <td>< 10</td>	< 10
TPH-CWG - Aromatic >EC18 - EC21	mg/kg	10	< 10 <td>< 10 <td>< 10 <td>< 10 <td>43</td> <td>< 10 <td>< 10</td> </td></td></td></td>	< 10 <td>< 10 <td>< 10 <td>43</td> <td>< 10 <td>< 10</td> </td></td></td>	< 10 <td>< 10 <td>43</td> <td>< 10 <td>< 10</td> </td></td>	< 10 <td>43</td> <td>< 10 <td>< 10</td> </td>	43	< 10 <td>< 10</td>	< 10
TPH-CWG - Aromatic >EC21 - EC25	mg/kg	10	< 10 <td>< 10 <td>< 10 <td>< 10 <td>49</td> <td>< 10 <td>< 10</td> </td></td></td></td>	< 10 <td>< 10 <td>< 10 <td>49</td> <td>< 10 <td>< 10</td> </td></td></td>	< 10 <td>< 10 <td>49</td> <td>< 10 <td>< 10</td> </td></td>	< 10 <td>49</td> <td>< 10 <td>< 10</td> </td>	49	< 10 <td>< 10</td>	< 10

VOCs	µg/kg	5	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	< 5.0
Chloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Bromochloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Bromomethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Vinyl Chloride	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Trichloroethylene	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Chloroform	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
2,2-Dichloropropane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Trans-1,2-dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Benzene	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Tetrahydrofuran	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloropropane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Dibromochloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Bromochloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
Chloroform	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,2-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1,1-Trichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,2-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td></td>	< 5.0 <td>-</td> <td>< 5.0 <td>< 5.0 <td>< 5.0</td> </td></td>	-	< 5.0 <td>< 5.0 <td>< 5.0</td> </td>	< 5.0 <td>< 5.0</td>	< 5.0
1,1-Dichloroethane	µg/kg	5	< 5.0 <td>< 5.0 <td>< 5.0 <td>-</td> <td>&</td></td></td>	< 5.0 <td>< 5.0 <td>-</td> <td>&</td></td>	< 5.0 <td>-</td> <td>&</td>	-	&		

2022 Site Investigation Summary Table 1

Sample Reference	ECP9	ECP9	ECP9	ECP9	ECP10	ECP10	ECP10	ECP10	ECP10	ECP11	ECP11	ECP11	ECP11	ECP11	ECP12	ECP12	ECP12	ECP12	ECP13	ECP13	ECP13	ECP13	ECP14	ECP14	ECP14	ECP14			
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	
Analysis Parameter (Substrate)	-																												
Dose Content	%	< 0.1	< 0.1	< 0.1	< 0.1	30	43	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	29	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
Moisture Content	%	0.01	10	11	22	23	11	10	15	18	11	10	11	10	7.3	7.6	16	9.5	13	15	16	16	19	16	18	11	11	11	
Total mass of sample received	kg	0.001	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.3	1.3	1.3	1.3	1.3	0.8	0.8	0.8	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
Asbestos in Soil Screen / Identification Name	Type	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Asbestos Analysis ID	Type	N/A	Not-detected	Not-detected	-	-	-	-	-	Not-detected	Not-detected	-	-	-	Not-detected	Not-detected	-	-	Not-detected	Not-detected	-	-	-	-	Not-detected	Not-detected	-	-	
General Inorganics	Concentration	-																											
pH - Automated	pH Units	7.1	6.7	7.4	7.8	7.9	8.3	8.2	8.2	8.4	7.7	8.5	7.8	8	7.9	7.6	8.4	7.9	8.5	7.9	7.7	7.9	8.1	8.1	7.9	7.8	7.8	7.8	
Water Soluble SO4 (2:1 Leach Equiv.) 1hr extraction	mg/L	0.0023	0.095	-	0.081	-	0.009	-	0.017	-	0.032	-	0.009	-	0.072	-	0.0071	-	0.033	-	0.098	-	0.035	-	0.035	-	0.035	-	
Water Soluble SO4 (2:1 Leach Equiv.) 1hr extraction	mg/L	2.5	-	-	160	-	18	-	6.3	-	8.4	-	6.3	-	16	-	6.4	-	160	-	6.4	-	160	-	6.4	-	159	-	
Water Soluble SO4 (2:1 Leach Equiv.) 1hr extraction	mg/L	1.25	-	4.5	-	81.2	-	9	-	16.6	-	3.2	-	4.2	-	7.1	-	3.3	-	32.1	-	77.5	-	34.6	-	76.4	-	76.4	
Heavy Metals / Metalloids	Concentration	-																											
Cadmium (aqueous extractable)	mg/kg	1	7.6	8.2	9.4	11	6.7	6.4	5.8	9.7	5.9	6.8	6.9	7.1	6	13	5.4	9.2	20	18	4.7	9.4	5.3	5.8	5.4	5.4	5.4	5.4	
Chromium (total)	mg/kg	0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.50	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Chromium (hexavalent)	mg/kg	1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	
Chromium (III)	mg/kg	1	34	34	39	39	19	11	13	15	29	24	24	28	28	22	27	23	26	25	26	31	23	27	27	26	25	25	
Chromium (aqueous extractable)	mg/kg	0.1	35	34	39	40	19	14	14	15	29	24	24	28	28	22	27	23	26	25	26	31	24	27	26	25	25		
Copper (aqueous extractable)	mg/kg	1	4.3	4.8	4.6	4.8	5.1	35	9.6	13	18	4.5	3.3	3.5	9	5.4	7.2	3.7	6.6	120	94	3.2	4.1	2.8	3.9	7.5	7.5		
Lead (aqueous extractable)	mg/kg	1	11	10	9	12	140	62	20	17	69	17	27	26	31	17	230	8.1	230	340	13	160	7.4	10	14	14			
Mercury (aqueous extractable)	mg/kg	0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.4	< 0.3	< 0.3	< 0.3	< 0.3	0.3	< 0.3	1	< 0.3	0.8	1.1	0.5	< 0.3	0.9	< 0.3	< 0.3	< 0.3	< 0.3		
Nickel (aqueous extractable)	mg/kg	1	41	40	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	
Selenium (aqueous extractable)	mg/kg	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Zinc (aqueous extractable)	mg/kg	1	49	44	43	50	220	86	35	35	74	36	35	36	48	41	290	32	320	590	390	32	190	30	36	49	49		
Nitromonromatics & Oxygenates	Concentration	-																											
Toluene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Ethylbenzene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
p B m-xylene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
BTBE (Methyl Tertiary Butyl Ether)	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Polycyclic Aromatic Hydrocarbons	Concentration	-																											
TPH-CWG - Aliphatic >EC9 - EC9 (m, 10, 15, 20)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aliphatic >EC9 - EC9 (m, 10, 15, 20)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aliphatic >EC9 - EC9 (m, 10, 15, 20)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aliphatic >EC10 - EC10 (m, 10, 15, 20)	mg/kg	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
TPH-CWG - Aliphatic >EC10 - EC10 (m, 10, 15, 20)	mg/kg	7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
TPH-CWG - Aliphatic >EC10 - EC10 (m, 10, 15, 20)	mg/kg	8	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	
TPH-CWG - Aliphatic >EC10 - EC10 (m, 10, 15, 20)	mg/kg	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
TPH-CWG - Aromatic >EC9 - EC9 (m, 10, 15, 20)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aromatic >EC9 - EC9 (m, 10, 15, 20)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aromatic >EC9 - EC9 (m, 10, 15, 20)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aromatic >EC10 - EC10 (m, 10, 15, 20)	mg/kg	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
TPH-CWG - Aromatic >EC10 - EC10 (m, 10, 15, 20)	mg/kg	7	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
TPH-CWG - Aromatic >EC10 - EC10 (m, 10, 15, 20)	mg/kg	10	< 10	< 10	< 10	< 10</																							

2022 Site Investigation Summary Table 1

Sample Reference	ECP15		ECP15		ECP15		ECP15		ECP16		ECP16		ECP16		ECP17		ECP17		ECP18		ECP18		ECP19		ECP19		ECP20		ECP20		ECP20		ECP20	
Depth (m)	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00	0.20	0.50	1.50	3.00		
Analytical Parameter (Backgrounds)																																		
Dose Content	%	< 0.1	< 0.1	< 0.1	< 0.1	53	< 0.1	< 0.1	< 0.1	< 0.1	28	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
Moisture Content	%	0.01	14	14	8.2	8	9.2	11	7.2	6.1	11	25	15	10	16	12	13	10	12	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
Total mass of sample received	kg	0.001	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
Asbestos in Soil Screen / Identification Name																																		
Type	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Asbestos Analysis ID	N/A	N/A	SDS	SDS	N/A	N/A	EC	EC	N/A	N/A	EC	EC	N/A	N/A	EC	EC	N/A	N/A	EC	EC	N/A	N/A	EC	EC	N/A	N/A	EC	EC	N/A	N/A	EC	EC	N/A	N/A
General Inorganics																																		
pH - Automated	pH Units	N/A	8.2	8.4	7.9	7.9	7.8	7.8	8.2	8.1	7.8	8.2	7.9	7.5	8.2	7.9	8.2	7.9	8.2	7.9	8.2	7.9	8.2	7.9	8.2	7.9	8.2	7.9	8.2	7.9	8.2	7.9	8.2	
Water Soluble SO4 (2:1 Leach, Equiv.) 1hr extraction	mg/L	0.0023	-	0.02	-	0.0078	-	0.02	-	0.0077	-	0.01	-	0.0077	-	0.01	-	0.0077	-	0.01	-	0.0077	-	0.01	-	0.0077	-	0.01	-	0.0077	-	0.01	-	0.0077
Water Soluble SO4 (2:1 Leach, Equiv.) 1hr extraction	mg/L	2.5	-	9.9	-	16	-	48	-	48	-	48	-	48	-	48	-	48	-	48	-	48	-	48	-	48	-	48	-	48	-	48	-	48
Water Soluble SO4 (2:1 Leach, Equiv.) 1hr extraction	mg/L	1.25	-	19.7	-	7.8	-	23.9	-	7.7	-	10.1	-	10.9	-	19.1	-	14.7	-	14.7	-	23.7	-	27.7	-	27.7	-	48.1	-	10.8	-	10.8	-	10.8
Heavy Metals / Metalloids																																		
As (Aqua regia extractable)	mg/kg	1	6.9	7	6.3	6.3	4.0	16	5.6	5.6	22	8.4	8.2	7.6	37	32	16	11	8.2	6.7	4.7	8.1	16	14	16	14	16	14	16	14	16	14	16	
Cadmium (Aqua regia extractable)	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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Chromium (Hexavalent)	mg/kg	1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	
Chromium (III)	mg/kg	1	11	9.5	22	29	16	17	25	27	14	23	28	21	17	27	25	11	12	22	19	16	17	19	16	17	19	16	17	19	16	17	19	
Chromium (Aqua regia extractable)	mg/kg	0.1	11	9.5	22	29	16	17	25	27	14	23	28	21	17	27	25	11	12	22	19	16	17	19	16	17	19	16	17	19	16	17	19	
Copper (Aqua regia extractable)	mg/kg	1	19	32	7.5	3.6	130	67	6.7	4.5	65	27	30	52	140	130	42	28	41	35	3.3	32	85	92	77	73	85	92	77	73	85	92		
Lead (Aqua regia extractable)	mg/kg	1	17	17	16	8.6	180	190	10	11	75	100	85	56	240	230	170	23	22	5.9	28	85	85	66	66	8.9	85	85	66	66	8.9	85	85	
Mercury (Aqua regia extractable)	mg/kg	0.3	< 0.3	< 0.3	< 0.3	0.6	0.5	< 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	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3		
Nickel (Aqua regia extractable)	mg/kg	1	11	8.0	28	32	39	31	39	31	29	39	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	
Selenium (Aqua regia extractable)	mg/kg	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Zinc (Aqua regia extractable)	mg/kg	1	42	41	39	34	290	200	34	34	130	140	130	56	240	240	160	130	63	82	27	57	140	160	140	160	140	160	140	160	140	160	140	
Nonmetals & Organics																																		
Acetone	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Toluene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Ethylbenzene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
p B-m-xylene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
o-xylene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
BTBE (Methyl Tertiary Butyl Ether)	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Petroleum Hydrocarbons																																		
TPH-CWG - Aliphatic >EC5 - EC9 (m, cu, st, ar)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aliphatic >EC5 - EC9 (m, cu, st, ar)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aliphatic >EC9 - EC10 (m, cu, st, ar)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aliphatic >EC10 - EC12 (m, cu, st, ar)	mg/kg	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
TPH-CWG - Aliphatic >EC12 - EC14 (m, cu, st, ar)	mg/kg	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	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	
TPH-CWG - Aliphatic >EC14 - EC16 (m, cu, st, ar)	mg/kg	8	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	
TPH-CWG - Aliphatic >EC16 - EC18 (m, cu, st, ar)	mg/kg	8	< 8.0	< 8.0	< 8.0																													

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Lab Sample Number	2533937	2533938	2533939	2533940	2533941	2533942	2533943	2533944	2533945	2533946	2533947	2533948	2533949	2533950	2533951	2533952	2533953	2533954	2533955	2533956	2533957	2533958	2533959	2533960	2533961	2533962	2533963					
Reference	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099	EC099					
Depth (m)	7.00	3.00	4.00	6.00	7.00	3.00	4.00	6.00	7.00	3.00	4.00	6.00	7.00	3.00	4.00	6.00	7.00	3.00	4.00	6.00	7.00	3.00	4.00	6.00	7.00	3.00	4.00	6.00	7.00			
Analytical Parameter (Soil Analysis)	unit																															
	mg/kg																															
Stone Content	%	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			
Moisture Content	%	0.01	20	10	5.9	21	17	10	12	11	11	60	7.1	8.7	9.9	7.6	11	9.2	18	17	21	10	11	10	8.4	15	15	7.5				
Total mass of sample received	kg	0.001	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Asbestos in Soil Screen / Identification Name	Type	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Asbestos in Soil	Type	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Asbestos Analyt ID	Type	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
General Inorganics																																
pH - Automated	pH Units	N/A	7.9	8.2	7.9	7.8	6.5	8.4	7.9	8.4	8.1	7.9	7.8	8.3	8.4	8.6	8.2	7.6	7.9	7.4	6.4	9.7	10	10.5	7.9	7.7	8.2	7.4	7.9			
Water Soluble Sulfate as SO4 10hr extraction (2:1)	mg/kg	2.5	9.4	9.4	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
Water Soluble SO4 10hr extraction (2:1) Leachate Equivalent	mg/kg	0.0125	0.047	0.047	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	
Water Soluble SO4 10hr extraction (2:1) Leachate Equivalent	mg/l	1.25	46.9	46.9	64.5	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
Heavy Metals / Metalloids																																
Asenium (aqueous regia extractable)	mg/kg	1	4.8	3.8	5.7	30	6.8	9.7	9.3	5.3	7	14	22	6.6	4.9	3.3	6.1	13	5.9	7.6	5.4	1.8	1.1	1.2	6.4	7.8	6.5	10	7.6			
Cadmium (aqueous regia extractable)	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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
Chromium (hexavalent)	mg/kg	1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	
Chromium (III)	mg/kg	1	30	11	28	26	31	12	43	33	36	14	28	34	21	18	13	15	34	33	25	20	18	18	31	31	29	28	24			
Chromium (aqueous regia extractable)	mg/kg	1	30	11	28	27	31	12	43	33	36	14	28	34	21	18	13	15	34	33	25	20	18	18	31	31	29	28	24			
Copper (aqueous regia extractable)	mg/kg	1	5.6	5.5	2.3	160	4.1	32	21	4.1	4.3	96	85	5.2	10	12	15	60	4.4	5	6.1	6.3	55	52	6.5	1.8	5.9	13	20			
Lead (aqueous regia extractable)	mg/kg	1	8.9	13	4.1	160	9.3	34	16	4.9	7.5	80	290	6.9	14	7.9	30	130	4.4	6.9	6.2	1.6	2.2	3.7	8.1	14	12	46	57	77		
Mercury (aqueous regia extractable)	mg/kg	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	< 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	< 0.3	< 0.3	
Nickel (aqueous regia extractable)	mg/kg	1	35	11	32	53	34	13	33	37	42	18	30	39	27	21	18	18	37	36	30	150	140	140	36	35	32	33	26			
Selenium (aqueous regia extractable)	mg/kg	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	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Zinc (aqueous regia extractable)	mg/kg	1	35	24	53	290	39	58	30	32	39	170	450	37	40	71	64	160	33	36	29	48	59	61	39	40	40	50	74			
Monooxomacromolecules & Oxygenates*																																
Acetone	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Toluene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Ethylbenzene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
p,p'-m-xylene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
o-xylene	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	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	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Petroleum Hydrocarbons																																
TPH-CWG - Aliphatic >EC5 - EC9 _{10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100}	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aliphatic >EC5 - EC9 _{10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100}	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
TPH-CWG - Aliphatic >EC10 - EC19 _{20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100}	mg/kg	1	210	7.3	< 1.0	14	14	110	< 1.0	< 1.0	< 1.0	3	< 1.0	< 1.0	< 1.0	< 1.0	3.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	6.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		
TPH-CWG - Aliphatic >EC20 - EC29 _{30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100}	mg/kg	2	2000	51	< 2.0	220	160	390	3.8	< 2.0	< 2.0	23	< 2.0	< 2.0	< 2.0	< 2.0	64	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	110	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0		
TPH-CWG - Aliphatic >EC30 - EC39 _{40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,6}																																

2022 Site Investigation Summary Table 2

Lab Sample Number	2533964	2533965	2533966	2533967	2533968	2533969	2533970	2533971	2533972	2533973
Sample Reference	EC0116	EC0116	EC0116	EC0117	EC0117	EC0117	EC0117	EC0118	EC0118	EC0118
Depth (m)	1.00	3.00	4.00	0.50	1.00	3.00	4.00	0.50	1.00	3.00
Analytical Parameter (Soil Analysis)	mm									
Stone Content	%	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	8	21	22	11	10	10	8.9	8.7
Total mass of sample received	kg	0.001	1	1	1	1	1	1	1	1

Asbestos in Soil Screen / Identification Name	Type	NA	NA	NA	NA	NA	NA	NA	NA	NA
Asbestos in Soil	Type	NA	Detected	-	Not-detected	Not-detected	-	-	Not-detected	Not-detected
Asbestos Analyte ID	NA	NA	SCA	NA	NA	SCA	SCA	NA	NA	SCA

General Inorganics	Unit	NA	8.4	8.2	8.5	8.2	8.3	8	8.1	10.4	11.4	8.9
pH - Automated	pH Units	NA	8.4	8.2	8.5	8.2	8.3	8	8.1	10.4	11.4	8.9
Water Soluble Sulfate as SO4 16hr extraction (2:1)	mg/kg	2.5	-	18	-	19	-	250	-	190	-	76
Water Soluble SO4 16hr extraction (2:1) Leachate Equivalent	mg/l	0.00125	-	0.0082	-	0.0094	-	0.12	-	0.094	-	0.038
Water Soluble SO4 16hr extraction (2:1) Leachate Equivalent	mg/l	1.25	-	8.2	-	9.4	-	123	-	93.8	-	37.8

Heavy Metals / Metalloids	mg/kg	1	8.8	6.0	6.1	7.8	8.7	5.7	7.0	5.3	13	6
Arsenic (aqueous extractable)	mg/kg	0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Barium (aqueous extractable)	mg/kg	1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (hexavalent)	mg/kg	1	22	30	27	29	33	29	30	9.5	13	7
Chromium (III)	mg/kg	1	22	30	27	29	33	29	30	9.5	14	7
Copper (aqueous extractable)	mg/kg	1	25	8.1	5.3	20	25	9.6	4.4	45	34	20
Lead (aqueous extractable)	mg/kg	1	56	9.4	11	35	47	29	11	70	72	10
Mercury (aqueous extractable)	mg/kg	0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.8	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqueous extractable)	mg/kg	1	30	33	30	37	43	37	34	14	26	6
Selenium (aqueous extractable)	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqueous extractable)	mg/kg	1	59	38	40	82	110	55	46	58	73	43

Monomers & Oxygenates*	mg/kg	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	mg/kg	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	mg/kg	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	mg/kg	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	220	< 5.0	< 5.0	< 5.0	< 5.0
p,p'-m-xylene	mg/kg	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	3000	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	mg/kg	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
m-xylene	mg/kg	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC5 - EC9 (m, l, g)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC5 - EC9 (m, l, g)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC10 (m, l, g)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	150	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 (m, l, g)	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	84	< 1.0	23	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC14 (m, l, g)	mg/kg	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	1200	24	180	14	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 (m, l, g)	mg/kg	8	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	1700	43	260	30	< 8.0
TPH-CWG - Aliphatic >EC21 - EC25 (m, l, g)	mg/kg	8	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	22	790	110	770	99
TPH-CWG - Aliphatic (EC5 - EC35) (m, l, g)	mg/kg	10	< 10	< 10	< 10	< 10	25	3800	78	1200	140	< 10

TPH-CWG - Aromatic >EC7 - EC7 (m, l, g)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC7 (m, l, g)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC8 (m, l, g)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 (m, l, g)	mg/kg	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6.5	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 (m, l, g)	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	23	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC14 (m, l, g)	mg/kg	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	480	8.2	47	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 (m, l, g)	mg/kg	10	< 10	< 10	< 10	< 10	< 10	890	20	140	13	< 10
TPH-CWG - Aromatic >EC21 - EC25 (m, l, g)	mg/kg	10	< 10	< 10	< 10	< 10	< 10	310	< 10	310	41	< 10
TPH-CWG - Aromatic (EC5 - EC35) (m, l, g)	mg/kg	10	91	< 10	< 10	< 10	< 10	1900	33	500	55	18

VOCs*	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Chloromethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Chloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Bromomethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Vinyl Chloride	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Trichloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
1,1-Dichloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Chloro-1,2-dichloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
1,1,1-Trichloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
1,2-Dichloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
1,1-Dichloropropane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Trans-1,2-dichloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Benzene	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Tetrachloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
1,2-Dichloropropane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Trichloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Dibromomethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Bromochloromethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Trans-1,2-dichloropropane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Trans-1,3-dichloropropane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Toluene	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	29	< 5.0	< 5.0	-	< 5.0
1,1,2-Trichloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
1,1,2-Dichloropropane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Dibromochloromethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Tetrachloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
1,2-Dibromomethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Chlorobenzene	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
1,1,1,2-Tetrachloroethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Ethylbenzene	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	220	< 5.0	< 5.0	-	< 5.0
p,p'-m-xylene	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	3000	< 5.0	< 5.0	-	< 5.0
Styrene	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
Tribromomethane	mg/kg	5	-	< 5.0	< 5.0	< 5.0	-	< 5.0	< 5.0	-	< 5.0	-
o-xylene	mg/kg	5	-	< 5.0	< 5.0	<						

D HISTORIC SI SOIL ASSESSMENT SUMMARIES

Calculations for whole site

Screening Guideline Value	Cyanide (total) mg/kg	Sulfate (total) mg/kg	Arsenic mg/kg	Cadmium mg/kg	Chromium mg/kg	Copper mg/kg	Mercury mg/kg	Nickel mg/kg	Lead mg/kg	Selenium mg/kg	Zinc mg/kg	Organic matter %	TPH aliphatic >C8-C16	TPH aliphatic >C8-C16	Combined C8-C16	TPH aliphatic >C8-C10	TPH aliphatic >C10-C12	TPH aliphatic >C12-C16	Combined C8-C16	TPH aliphatic >C16-C21	TPH aliphatic >C21-C40	Combined C16-C40	TPH aromatic >C8-C7	TPH aromatic >C7-C8	TPH aromatic >C8-C10	TPH aromatic >C10-C12	TPH aromatic >C12-C16	TPH aromatic >C16-C21	TPH aromatic >C21-C40	Total Petroleum Hydrocarbons	
0	2.42	312.43	14.83	1.00	27.88	55.26	0.28	50.81	254.40	0.24	308.52	7.17	78	2,30E+02	1,85E+03	2,40E+03	1,25E+03	2,40E+03	2,40E+03	2,40E+03	2,40E+03	2,40E+03	1,40E+02	2,80E+02	3,80E+01	1,80E+02	3,30E+02	5,40E+02	1,51E+03	1,00E+03	
mean	8.66	899.02	21.36	1.98	16.07	70.35	0.32	29.23	496.54	0.36	561.67	7.96	78	2,30E+02	1,85E+03	2,40E+03	1,25E+03	2,40E+03	2,40E+03	2,40E+03	2,40E+03	2,40E+03	1,40E+02	2,80E+02	3,80E+01	1,80E+02	3,30E+02	5,40E+02	1,51E+03	1,00E+03	
std dev	8.66	899.02	21.36	1.98	16.07	70.35	0.32	29.23	496.54	0.36	561.67	7.96	78	2,30E+02	1,85E+03	2,40E+03	1,25E+03	2,40E+03	2,40E+03	2,40E+03	2,40E+03	2,40E+03	1,40E+02	2,80E+02	3,80E+01	1,80E+02	3,30E+02	5,40E+02	1,51E+03	1,00E+03	
max	72.00	6700.00	160.00	11.00	120.00	320.00	1.80	210.00	3700.00	3.80	4100.00	24.00	0.01	89.00	89.01	89.01	400.00	3300.00	6000.00	7665.00	7400.00	8300.00	130.00	63.00	310.00	800.00	2200.00	1200.00	1700.00	2700.00	
min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Is the site contaminated with KY	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Exceedances	99	9	0	0	0	0	0	1	33	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Exceedances	100%	9%	0%	0%	0%	0%	0%	1%	33%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Note: Old CEA UK SVs, CIEH GACs and ATRisk SVs were used for screening

Zone	TP No.	Lab report/Depth (m)	Sample Label	Sample ID	Date Sampled	Cyanide (total) mg/kg	Sulfate (total) mg/kg	Arsenic mg/kg	Cadmium mg/kg	Chromium mg/kg	Copper mg/kg	Mercury mg/kg	Nickel mg/kg	Lead mg/kg	Selenium mg/kg	Zinc mg/kg	Organic matter %	TPH aliphatic >C8-C16	TPH aliphatic >C8-C16	Combined C8-C16	TPH aliphatic >C8-C10	TPH aliphatic >C10-C12	TPH aliphatic >C12-C16	Combined C8-C16	TPH aliphatic >C16-C21	TPH aliphatic >C21-C40	Combined C16-C40	TPH aromatic >C8-C7	TPH aromatic >C7-C8	TPH aromatic >C8-C10	TPH aromatic >C10-C12	TPH aromatic >C12-C16	TPH aromatic >C16-C21	TPH aromatic >C21-C40	Total Petroleum Hydrocarbons	Asbestos (ACSLs presence/absence)					
Top 1m	TP1	52638	0.5	TP1-0.5m	AD5848	28/10/2008	0.4	0.1	0.3	28	220	1.5	48	68	0.4	83	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	69	not detected				
GW	TP1	52638	1.1	TP1-1.1m	AD5849	28/10/2008	0.5	0.2	0.1	0.1	23	0.1	28	16	0.2	41	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	69	not detected			
Top 1m	TP2	52636	0.6	TP2-0.6m	AD5900	28/10/2008	0.5	0.38	0.34	0.69	22	110	0.48	43	0.60	0.2	370	10	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	8	not detected			
GW	TP2	52636	1.3	TP2-1.3m	AD5901	28/10/2008	0.5	0.07	0.2	0.1	8.4	0.1	9	14	0.2	34	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2	not detected			
Top 1m	TP3	52636	0.5	TP3-0.5m	AD5902	28/10/2008	0.5	0.71	0.59	0.52	24	150	0.49	39	2.00	0.4	230	0.1	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	18	not detected		
GW	TP3	52636	1.1	TP3-1.1m	AD5903	28/10/2008	0.6	0.13	0.27	0.13	11	23	0.1	13	0.5	56	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	22	not detected		
Top 1m	TP4	74672	0.5	TP4-0.5m	AD5843	24/10/2008	0.5	0.18	0.2	0.13	15	39	0.15	58	0.4	0.2	81	6.2	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1	not detected		
GW	TP4	74672	0.9	TP4-0.9m	AD5844	24/10/2008	0.5	0.22	0.43	0.15	15	24	0.21	32	0.4	0.2	60	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	7.2	not detected		
Top 1m	TP5	52636	0.5	TP5-0.5m	AD5904	28/10/2008	0.5	0.73	0.45	0.94	43	130	0.73	78	5.70	0.2	520	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
GW	TP5	52636	1.2	TP5-1.2m	AD5905	28/10/2008	0.5	0.46	0.36	0.27	120	50	0.24	83	80	0.2	80	5.2	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Top 1m	TP6	52636	0.5	TP6-0.5m	AD5906	28/10/2008	0.5	0.34	0.4	0.14	17	19	0.24	0.14	0.27	0.1	0.1	0.1	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
GW	TP6	52636	1.3	TP6-1.3m	AD5907	28/10/2008	0.5	0.13	0.2	0.1	10	32	0.21	8.6	0.7	0.2	28	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Top 1m	TP7	52636	0.5	TP7-0.5m	AD5908	28/10/2008	0.5	0.1	0.33	0.26	13	38	0.1	37	0.47	0.2	120	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
GW	TP7	52636	1	TP7-1m	AD5909	28/10/2008	0.5	0.06	0.2	0.1	11	5	0.1	6.7	0.2	15	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Top 1m	TP9	52636	0.5	TP9-0.5m	AD5910	28/10/2008	0.5	0.44	0.5	0.44	100	0.61	72	3.30	0.2	410	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
GW	TP9	52636	1	TP9-1m	AD5911	28/10/2008	0.5	0.28	0.2	0.1	9.6	21	0.1	11	7.7	0.2	29	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Top 1m	TP10	74672	0.5	TP10-0.5m	AD5845	24/10/2008	0.5	0.03	0.39	0.1	36	5.2	0.1	34	6.5	0.2	52	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Un Sat	TP10	74672	1.3	TP10-1.3m	AD5846	24/10/2008	0.5	0.19	0.39	0.1	39	5	0.1	60	5	0.2	30	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
GW	TP10	74672	3	TP10-3m	AD5847	24/10/2008	0.5	0.33	0.7	0.1	41	2	0.1	64	5	0.2	41	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Top 1m	TP11	74672	0.5	TP11-0.5m	AD5848	24/10/2008	0.5	0.02	0.42	0.1	34	5	0.1	53	5	0.2	36	0.41	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Un Sat	TP11	74672	1.2	TP11-1.2m	AD5849	24/10/2008	0.5	0.05	7.7	0.1	41	5	0.1	63	5	0.2	35	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
GW	TP11	74672	3	TP11-3m	AD5850	24/10/2008	0.5	0.17	8.4	0.1	48	5.4	0.1	75	5	0.2	44	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Top 1m	TP12	74672	0.6	TP12-0.6m	AD5851	24/10/2008	0.5	0.16	11	0.39	26																														

Ardrossan Development Site

Human Health Risk Assessment (Soil) 2019 and 2020 data

Residential

Sample Ref:	ES4	ES1	ES3	ES2	ES4	ES1	ES1	ES3
Sample Location:	TPD21	TPD22	TPD22	TPD23	TPD23	TPD24	TPD25	TPD25
Top Depth (m):	3.00	0.50	2.00	1.00	3.00	0.50	0.50	2.00
Date Sampled:	30/04/2019	30/04/2019	30/04/2019	01/05/2019	01/05/2019	01/05/2019	01/05/2019	01/05/2019

Determinand	Units	LOD	Min	Max	Average	Assessment Criteria	Source								
General															
Moisture	%	0.020	4.3	35	13.9041										
pH		N/A	5.9	10.5	8.49426										
Sulphate (2:1 Water Soluble) as SO4	mg/l	10	10	210	67.9574										
Chromium (Hexavalent)	mg/kg	0.50	0.50	0.50		6	S4UL 6%	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	%	0.40	0.41	34	5.40345										
Asbestos															
ACM Type		N/A	N/A	N/A											
Asbestos Identification	%	0.001	0.001	0.001				No Asbestos Detected	Amosite	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	Amosite Chrysotile	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage		N/A	N/A	N/A					Stereo Microscopy				Stereo Microscopy		
Metals															
Arsenic	mg/kg	0.10	3.6	61	12.9426	37	S4UL 6%	9.8	5.3	5.4	5.2	4.2	10	9.2	11
Cadmium	mg/kg	1.0	0.1	5.3	0.48293	11	S4UL 6%	0.19	0.57	0.18	< 0.10	< 0.10	0.69	0.13	0.64
Chromium	mg/kg	0.50	7	54	21.5869	910	S4UL 6%	25	19	18	12	15	18	14	20
Copper	mg/kg	0.10	2.3	1100	67.3615	2400	S4UL 6%	41	55	17	9.5	7.2	160	45	59
Mercury	mg/kg	0.50	0.1	17	1.06015	40	S4UL 6%	0.72	< 0.10	< 0.10	< 0.10	< 0.10	0.2	< 0.10	1.4
Nickel	mg/kg	0.50	11	240	53.8689	180	S4UL 6%	39	120	38	20	20	82	69	41
Lead	mg/kg	0.20	2.4	1700	150.951	190	C4SL 6%	61.00	57.00	26.00	10.00	11.00	110.00	50.00	230.00
Selenium	mg/kg	0.50	0.23	1.1	0.45842	250	S4UL 6%	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Zinc			23	2000	203.975	3700	S4UL 6%	87	430	130	33	28	410	65	710
Petroleum Hydrocarbons															
Aliphatic TPH >C5-C6	mg/kg	0.010	0.010	0.010	#DIV/0!	78	S4UL 2.5%	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Aliphatic TPH >C6-C8	mg/kg	0.010	6	170	45.3	230	S4UL 2.5%	< 0.010	< 0.010	< 0.010	< 0.010	36	< 0.010	< 0.010	13
Aliphatic TPH >C8-C10	mg/kg	0.10	2.1	2000	268.222	65	S4UL 2.5%	7.1	< 0.10	18	< 0.10	310	100	4.3	240
Aliphatic TPH >C10-C12	mg/kg	0.10	2.2	5200	419.32	330	S4UL 2.5%	35	2.2	150	21	800	360	43	790
Aliphatic TPH >C12-C16	mg/kg	0.10	1.2	12000	873.092	2400	S4UL 2.5%	150	3.6	300	90	2800	1100	170	2700
Aliphatic TPH >C16-C21	mg/kg	0.10	1.2	11000	839.168	92000	S4UL 2.5%	140	< 0.10	180	66	2300	2000	74	1900
Aliphatic TPH >C21-C35	mg/kg	0.10	4.3	8900	620.622	92000	S4UL 2.5%	210	4.3	110	110	1500	3000	76	1600
Aliphatic TPH >C35-C44	mg/kg	0.10	2.7	240	78.1	92000	S4UL 2.5%	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	mg/kg	1.0	4.1	39000	2278.04			530	10	760	290	7700	6600	370	7100
Aromatic TPH															
Aromatic TPH >C5-C7	mg/kg	0.010	0.010	0.010		140	S4UL 2.5%	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Aromatic TPH >C7-C8	mg/kg	0.010	0.010	0.010		290	S4UL 2.5%	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Aromatic TPH >C8-C10	mg/kg	0.10	2.4	61	19.4667	83	S4UL 2.5%	< 0.10	< 0.10	< 0.10	< 0.10	26	< 0.10	< 0.10	33
Aromatic TPH >C10-C12	mg/kg	0.10	0.68	660	62.7078	180	S4UL 2.5%	0.74	2.4	< 0.10	< 0.10	22	< 0.10	19	190
Aromatic TPH >C12-C16	mg/kg	0.10	0.68	2100	232.438	330	S4UL 2.5%	12	1.9	100	0.10	480	80	450	1200
Aromatic TPH >C16-C21	mg/kg	0.10	0.79	3900	341.584	540	S4UL 2.5%	48	20	66	9.1	300	93	310	830
Aromatic TPH >C21-C35	mg/kg	0.10	2.3	7000	991.376	1500	S4UL 2.5%	180	230	95	18	750	1900	210	890
Aromatic TPH >C35-C44	mg/kg	0.10	13	740	196.125	1500	S4UL 2.5%	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	640	< 0.10	< 0.10
Total Aromatic Hydrocarbons	mg/kg	1.0	2.3	13000	1543.46			240	250	260	27	1600	2700	990	3200
Total Petroleum Hydrocarbons	mg/kg	2.0	33	50000	3544.4			770	260	1000	320	9300	9300	1400	10000
VOCs															
Dichlorodifluoromethane	µg/kg	1.0	1.0	1.0				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	µg/kg	1.0	5.2	5.2	5.2			< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	µg/kg	1.0	1.0	1.0		0.87	S4UL 2.5%	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	µg/kg	20	20	20				< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chloroethane	µg/kg	2.0	2.0	2.0				< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane	µg/kg	1.0	1.0	1.0				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	µg/kg	1.0	1.0	1.0				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene	µg/kg	1.0	1.0	1.0				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	µg/kg	1.0	1.0	1.0				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene	µg/kg	1.0	4.7	14	9.35			< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane	µg/kg	5.0	5.0	5.0				< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane	µg/kg	1.0	1.3	1.3	1.3	1700	S4UL 2.5%	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	µg/kg	1.0	1.0	1.0		18000	S4UL 2.5%	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane	µg/kg	1.0	1.0	1.0		56	S4UL 2.5%	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	µg/kg	1.0	1.0	1.0				< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Benzene	µg/kg	1.0	1.8	52	10.4	170	S4UL 2.5%	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0